



DRINKING WATER SAMPLING REPORT

Jackson Liberty High School

125 North Hope Chapel Road
Jackson, New Jersey 08527

April 25, 2022
Partner Project No. 21-327918.2



Prepared for

Jackson Township Board of Education

151 Don Connor Boulevard
Jackson, New Jersey 08527

April 25, 2022

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

Subject: Drinking Water Sampling Report
 Jackson Township Board of Education
 Jackson Liberty High School
 Jackson, New Jersey 08527
 Partner Project 21-327918.2

Dear Mr. Bruno:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Drinking Water Sampling* conducted at 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.

We appreciate the opportunity to provide environmental services to the 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 or via e-mail at dbracey@partneresi.com.

Sincerely,



Dan Bracey, CSP, CHMM
Senior Project Manager
Industrial Hygiene & Health and Safety Services

TABLE OF CONTENTS

Executive Summary.....	2
1.0 INTRODUCTION	4
1.1 Property Description.....	4
1.2 Purpose and Scope	4
2.0 METHODOLOGY	5
3.0 BACKGROUND	6
4.0 ANALYTICAL RESULTS	7
5.0 CONCLUSION.....	11
6.0 RECOMMENDATIONS	12
7.0 LIMITATIONS	13
8.0 SIGNATURES OF PROFESSIONALS.....	14

APPENDICES

Appendix A	Laboratory Analysis and Chain-of-Custody
Appendix B	Sampling Plan
Appendix C	Quality Assurance Project Plan

Executive Summary

Partner Engineering and Science, Inc. (Partner) collected drinking water samples for Jackson Township Board of Education at Jackson Liberty High School on March 5, 2022. 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 Alpha Analytical Labs located in Mahwah, New Jersey for analysis of lead content using USEPA Method 200.8 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:

- JL-S-01 (POE 1), initial draw, 19.72 ppb
- JL-S-03, Initial draw, 89.82 ppb
- JL-POE-S, initial draw, 57.55 ppb
- JL-POE-S-F, second draw, 168.6 ppb
- JL-WF-60, initial draw, 17.25
- JL-WF-60-F, second draw, 22.37
- JL-WF-76, initial draw, 161.6 ppb
- JL-WF-76-F, second draw, 111.6 ppb
- JL-WF-77, initial draw, 125 ppb
- JL-WF-77-F, second draw, 91.1 ppb
- JL-WF-80, initial draw, 41.66 ppb
- JL-WF-80-F, second draw, 60.93 ppb
- JL-WF-81, initial draw, 62.87 ppb
- JL-WF-81-F, second draw, 44.18 ppb

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

- For the initial point of entry outlets and sinks exceeding the USEPA Action Level, these outlet should be labelled as "Do Not Drink – Safe for Handwashing Only".

- A flushing program can be implemented at the point of entry outlets, with either manual or automatic flushing.
- Remove drinking water outlets of concern from service.
- 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.

1.0 INTRODUCTION

1.1 Property Description

Address(s):	Jackson Liberty High School – 125 North Hope Chapel Road, Jackson
Nature of Use:	School
Walk-Through Inspector:	Anastassia Swenticky
Walk-Through Date:	December 28, 2021
Sampling Conducted By:	Nicholas Schiera Anastassia Swenticky
Sampling Date:	March 5, 2022

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 (0) 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

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)). Sampling consisted of collecting a one liter (L) first draw sample from a drinking water outlet that had been stagnant for at least eight (8) hours in a bottle with an appropriate preservative. Partner made a reasonable effort to determine whether the stagnation preconditions were able to be met prior to conducting sampling. A second-draw sample was collected minutes after the first-draw, in order to determine whether lead was being provided via the service line. Second-draw samples were only analyzed if the first-draw sample exceeded the USEPA Action Level of 15 ppb. Sample bottles were provided by Alpha Analytical Labs located in Mahwah, New Jersey with an appropriate preservative lead in drinking water sampling. After collection, sample bottles were labeled with a unique identifier and transferred under chain of custody to by Alpha Analytical Labs located in Mahwah, New Jersey for analysis by USEPA Method 200.8. The laboratory results and chain of custody are contained in **Appendix A**.

3.0 BACKGROUND

Partner collected a total of 130 drinking water samples from Jackson Liberty High School on March 2017. A total of 66 samples were analyzed. Following collection, samples were sent to SGS Accutest in Dayton, New Jersey for analysis of lead content using USEPA Method 200.8 for lead in drinking water. The results of the analytical data revealed that two (2) samples exceeded the USEPA Action level of 15 ppb for lead.

4.0 ANALYTICAL RESULTS

During the course of this site visit, Partner collected water samples at 85 locations. 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 2017 sampling event based on relevant known plumbing information as provided by the Jackson Township Board of Education 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-WF-16, JL-WF-18, JL-WF-23, JL-WF-24, JL-IM-47, JL-WF-73, JL-WF-74, JL-WF-83, JL-WF-84**

A total of 152 drinking water samples were collected from Jackson Liberty High School on March 5, 2022. A total of 84 samples were analyzed. The results are listed in Table 1 below.

Table 1 Analytical Results Summary Jackson Liberty High School 5-Mar-22		
Sample Name	Location	Results (ppb)
JL-S-01 (POE 1)	Concession Stand	19.72
JL-S-01 (POE 1)-F	Concession Stand	1.419
JL-S-02	Concession Stand	2.336
JL-S-03	Concession Stand	89.82
JL-S-03-F	Concession Stand	4.978
JL-WF-04	C.S. Exterior	3.706
JL-WF-05	C.S. Exterior	2.345
JL-WF-06	Field House	0.525
JL-WF-07	Field House	0.78
JL-WF-08	Field House	0.8009
JL-WF-09	Field House	0.77
JL-POE-S	Mech Rm – H105	57.55
JL-POE-S-F	Mech Rm – H105	168.6
JL-S-10	Faculty Rm-H101	0.7429
JL-WF-11	Aux. Gym	ND
JL-WF-12	Aux Gym	ND
JL-S-13	G106	2.997
JL-IM-14	G106	1.512

Table 1 Analytical Results Summary Jackson Liberty High School 5-Mar-22		
Sample Name	Location	Results (ppb)
JL-WF-15	G104 Weight Room	ND
JL-WF-16	G104 Weight Room	Removed/ In Repair
JL-WF-17	Gym	0.6642
JL-WF-18	Gym	Removed/ In Repair
JL-WF-19	Gym	9.96
JL-WF-20	Gym	14.1
JL-S-21	F104	3.221
JL-S-22	F106	2.601
JL-WF-23	F Hall	Removed/ In Repair
JL-WF-24	F Hall	Removed/ In Repair
JL-WF-25	Main	0.6846
JL-WF-26	Main	ND
JL-BF-27	Main	ND
JL-S-28	N101	1.49
JL-S-29	N101	1.154
JL-S-30	N101	1.984
JL-S-31	N102 (Nurse)	1.807
JL-S-32	N102 (Nurse)	2.575
JL-S-33	N102 (Nurse)	3.224
JL-S-34	N102 (Nurse)	7.444
JL-S-35	N102 (Nurse)	3.243
JL-S-36	A101	2.629
JL-S-37	A101	1.976
JL-S-38	A108	1.339
JL-S-39	Library	3.315
JL-WF-40	B128	ND
JL-WF-41	B128	0.6902
JL-S-42	B112	2.728
JL-S-43	B112	1.043
JL-S-44	Kitchen	1.67
JL-S-45	Kitchen	4.026
JL-S-46	Kitchen	1.909
JL-IM-47	Kitchen	Removed/ In Repair

Table 1 Analytical Results Summary Jackson Liberty High School 5-Mar-22		
Sample Name	Location	Results (ppb)
JL-WF-48	B Hall	0.97
JL-WF-49	B Hall	ND
JL-BF-50	B Hall	ND
JL-WF-51	Adjacent D107	0.561
JL-WF-52	Adjacent D107	1.285
JL-S-53	D112	ND
JL-S-54	D112	1.976
JL-S-55	D112	1.075
JL-S-56	D112	2.246
JL-S-57	D112	0.955
JL-S-58	D112	1.145
JL-WF-59	Adjacent D119	2.789
JL-WF-60	Adjacent D119	17.25
JL-WF-60-F	Adjacent D119	22.37
JL-S-61	C128	4.06
JL-WF-62	C Hall	0.721
JL-WF-63	C Hall	ND
JL-WF-64	C Hall	ND
JL-WF-65	E Hall	1.408
JL-WF-66	E Hall	2.741
JL-S-67	E103	1.469
JL-S-68	C114	1.379
JL-WF-69	Outside C113	7.681
JL-WF-70	Outside C113	13.17
JL-S-71	C1136 (Assistant Principle)	1.956
JL-S-72	C112	8.64
JL-WF-73	Outside Stair #3	Removed/ In Repair
JL-WF-74	Outside Stair #3	Removed/ In Repair
JL-S-75	C212	8.484
JL-WF-76	Outside C212	161.6
JL-WF-76-F	Outside C212	111.6
JL-WF-77	Outside C212	125
JL-WF-77-F	Outside C212	91.1

Table 1 Analytical Results Summary Jackson Liberty High School 5-Mar-22		
Sample Name	Location	Results (ppb)
JL-S-78	C215	1.763
JL-S-79	C214	8.62
JL-WF-80	Outside Stair #4	41.66
JL-WF-80-F	Outside Stair #4	60.93
JL-WF-81	Outside Stair #4	62.87
JL-WF-81-F	Outside Stair #4	44.18
JL-S-82	B228	1.503
JL-WF-83	Outside Stair #1	Removed/ In Repair
JL-WF-84	Outside Stair #1	Removed/ In Repair

NOTES

ND= Not detected. Lead levels not detected at the reporting limit (0.3430 ppb)

1 ppb = 1 ug/L

BOLD = Exceedances above USEPA Action Level 15 ppb

5.0 CONCLUSION

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:

- JL-S-01 (POE 1), initial draw, 19.72 ppb
- JL-S-03, Initial draw, 89.82 ppb
- JL-POE-S, initial draw, 57.55 ppb
- JL-POE-S-F, second draw, 168.6 ppb
- JL-WF-60, initial draw, 17.25
- JL-WF-60-F, second draw, 22.37
- JL-WF-76, initial draw, 161.6 ppb
- JL-WF-76-F, second draw, 111.6 ppb
- JL-WF-77, initial draw, 125 ppb
- JL-WF-77-F, second draw, 91.1 ppb
- JL-WF-80, initial draw, 41.66 ppb
- JL-WF-80-F, second draw, 60.93 ppb
- JL-WF-81, initial draw, 62.87 ppb
- JL-WF-81-F, second draw, 44.18 ppb

6.0 RECOMMENDATIONS

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

- For the initial point of entry outlets and sinks exceeding the USEPA Action Level, these outlet should be labelled as "Do Not Drink – Safe for Handwashing Only".
- A flushing program can be implemented at the point of entry outlets, with either manual or automatic flushing.
- Remove drinking water outlets of concern from service.
- 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 according 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 Township BOE 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

Consult NSF Standard 61 (Sections 4, 8 and 9) before buying any replacement products. This standard will provide you with information on plumbing products that are designed to minimize lead leaching. Before you purchase any brass plumbing products, request information regarding compliance with this standard.

7.0 LIMITATIONS

Partner subcontracted with Alpha Analytical who performed the lead analysis. No warranties expressed or implied, are made by Partner or its subcontractor Alpha Analytical 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.

State-of-the-art practices have been employed to perform this inspection. No demolition or product research was performed in attempts to reveal material compositions. The services consist of professional opinions and recommendations made in accordance with generally accepted engineering principles/practices. These services are designed to provide an analytical tool to assist the client. Partner and its subcontractors and their employees/representatives bear no responsibility for the actual condition of the structure or safety of this site pertaining to lead and/or lead contamination regardless of the actions taken by the inspection team or the client.

8.0 SIGNATURES OF PROFESSIONALS

Partner performed lead-in-drinking water sampling at the Jackson Township Board of Education properties, Ocean County, New Jersey in general conformance with the scope and limitations of the protocol 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.



Angelica Rosaperez
Assistant Project Manager

Reviewed by:



Daniel Bracey, CSP, CHMM
Senior Project Manager

APPENDIX A: LABORATORY ANALYSIS AND CHAIN OF CUSTODY



ANALYTICAL REPORT

Lab Number:	L2211735
Client:	Partner Engineering & Science, Inc. 611 Industrial Way West Eatontown, NJ 07724
ATTN:	Dan Bracey
Phone:	(908) 497-8904
Project Name:	JACKSON LIBERTY
Project Number:	21-327918.1
Report Date:	03/23/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2211735-01	JL-S-01 (POE1)	DW	125 N. CHAPEL HILL RD	03/05/22 08:42	03/07/22
L2211735-02	JL-S-01 (POE1)-F	DW	125 N. CHAPEL HILL RD	03/05/22 08:43	03/07/22
L2211735-03	JL-S-02	DW	125 N. CHAPEL HILL RD	03/05/22 08:44	03/07/22
L2211735-04	JL-S-02-F	DW	125 N. CHAPEL HILL RD	03/05/22 08:45	03/07/22
L2211735-05	JL-S-03	DW	125 N. CHAPEL HILL RD	03/05/22 08:46	03/07/22
L2211735-06	JL-S-03-F	DW	125 N. CHAPEL HILL RD	03/05/22 08:47	03/07/22
L2211735-07	JL-WF-04	DW	125 N. CHAPEL HILL RD	03/05/22 08:48	03/07/22
L2211735-08	JL-WF-04-F	DW	125 N. CHAPEL HILL RD	03/05/22 08:49	03/07/22
L2211735-09	JL-WF-05	DW	125 N. CHAPEL HILL RD	03/05/22 08:50	03/07/22
L2211735-10	JL-WF-05-F	DW	125 N. CHAPEL HILL RD	03/05/22 08:51	03/07/22
L2211735-11	JL-WF-06	DW	125 N. CHAPEL HILL RD	03/05/22 09:02	03/07/22
L2211735-12	JL-WF-06-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:02	03/07/22
L2211735-13	JL-WF-07	DW	125 N. CHAPEL HILL RD	03/05/22 09:03	03/07/22
L2211735-14	JL-WF-07-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:03	03/07/22
L2211735-15	JL-WF-08	DW	125 N. CHAPEL HILL RD	03/05/22 09:07	03/07/22
L2211735-16	JL-WF-08-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:07	03/07/22
L2211735-17	JL-WF-09	DW	125 N. CHAPEL HILL RD	03/05/22 09:08	03/07/22
L2211735-18	JL-WF-09-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:08	03/07/22
L2211735-19	JL-POE S	DW	125 N. CHAPEL HILL RD	03/05/22 09:19	03/07/22
L2211735-20	JL-POE S-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:19	03/07/22
L2211735-21	JL-S-10	DW	125 N. CHAPEL HILL RD	03/05/22 09:22	03/07/22
L2211735-22	JL-S-10-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:23	03/07/22
L2211735-23	JL-WF-11	DW	125 N. CHAPEL HILL RD	03/05/22 09:24	03/07/22
L2211735-24	JL-WF-11-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:24	03/07/22



Alpha Sample ID	Client ID	Matrix	Sample Location	Collection	
				Date/Time	Receive Date
L2211735-25	JL-WF-12	DW	125 N. CHAPEL HILL RD	03/05/22 09:25	03/07/22
L2211735-26	JL-WF-12-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:26	03/07/22
L2211735-27	JL-S-13	DW	125 N. CHAPEL HILL RD	03/05/22 09:30	03/07/22
L2211735-28	JL-S-13-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:30	03/07/22
L2211735-29	JL-1M-14	DW	125 N. CHAPEL HILL RD	03/05/22 09:32	03/07/22
L2211735-30	JL-1M-14-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:32	03/07/22
L2211735-31	JL-WF-15	DW	125 N. CHAPEL HILL RD	03/05/22 09:34	03/07/22
L2211735-32	JL-WF-15-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:34	03/07/22
L2211735-33	JL-WF-17	DW	125 N. CHAPEL HILL RD	03/05/22 09:36	03/07/22
L2211735-34	JL-WF-17-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:37	03/07/22
L2211735-35	JL-WF-19	DW	125 N. CHAPEL HILL RD	03/05/22 09:39	03/07/22
L2211735-36	JL-WF-19-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:39	03/07/22
L2211735-37	JL-WF-20	DW	125 N. CHAPEL HILL RD	03/05/22 09:40	03/07/22
L2211735-38	JL-WF-20-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:41	03/07/22
L2211735-39	JL-S-21	DW	125 N. CHAPEL HILL RD	03/05/22 09:42	03/07/22
L2211735-40	JL-S-21-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:42	03/07/22
L2211735-41	JL-S-22	DW	125 N. CHAPEL HILL RD	03/05/22 09:45	03/07/22
L2211735-42	JL-S-22-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:45	03/07/22
L2211735-43	JL-WF-25	DW	125 N. CHAPEL HILL RD	03/05/22 09:52	03/07/22
L2211735-44	JL-WF-25-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:52	03/07/22
L2211735-45	JL-WF-26	DW	125 N. CHAPEL HILL RD	03/05/22 09:53	03/07/22
L2211735-46	JL-WF-26-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:53	03/07/22
L2211735-47	JL-BF-27	DW	125 N. CHAPEL HILL RD	03/05/22 09:54	03/07/22
L2211735-48	JL-BF-27-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:54	03/07/22
L2211735-49	JL-S-28	DW	125 N. CHAPEL HILL RD	03/05/22 09:57	03/07/22
L2211735-50	JL-S-28-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:57	03/07/22
L2211735-51	JL-S-29	DW	125 N. CHAPEL HILL RD	03/05/22 09:58	03/07/22
L2211735-52	JL-S-29-F	DW	125 N. CHAPEL HILL RD	03/05/22 09:58	03/07/22



Serial_No:03232215:06					Collection		Receive Date	
Alpha Sample ID	Client ID	Matrix	Sample Location	Date/Time	Date/Time		Receive Date	
L2211735-53	JL-S-30	DW	125 N. CHAPEL HILL RD	03/05/22 10:00	03/05/22 10:00		03/07/22	
L2211735-54	JL-S-30-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:00	03/05/22 10:00		03/07/22	
L2211735-55	JL-S-31	DW	125 N. CHAPEL HILL RD	03/05/22 10:03	03/05/22 10:03		03/07/22	
L2211735-56	JL-S-31-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:03	03/05/22 10:03		03/07/22	
L2211735-57	JL-S-32	DW	125 N. CHAPEL HILL RD	03/05/22 10:04	03/05/22 10:04		03/07/22	
L2211735-58	JL-S-32-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:04	03/05/22 10:04		03/07/22	
L2211735-59	JL-S-33	DW	125 N. CHAPEL HILL RD	03/05/22 10:05	03/05/22 10:05		03/07/22	
L2211735-60	JL-S-33-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:05	03/05/22 10:05		03/07/22	
L2211735-61	JL-S-34	DW	125 N. CHAPEL HILL RD	03/05/22 10:06	03/05/22 10:06		03/07/22	
L2211735-62	JL-S-34-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:06	03/05/22 10:06		03/07/22	
L2211735-63	JL-S-35	DW	125 N. CHAPEL HILL RD	03/05/22 10:07	03/05/22 10:07		03/07/22	
L2211735-64	JL-S-35-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:07	03/05/22 10:07		03/07/22	
L2211735-65	JL-S-36	DW	125 N. CHAPEL HILL RD	03/05/22 10:11	03/05/22 10:11		03/07/22	
L2211735-66	JL-S-36-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:11	03/05/22 10:11		03/07/22	
L2211735-67	JL-S-37	DW	125 N. CHAPEL HILL RD	03/05/22 10:12	03/05/22 10:12		03/07/22	
L2211735-68	JL-S-37-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:12	03/05/22 10:12		03/07/22	
L2211735-69	JL-S-38	DW	125 N. CHAPEL HILL RD	03/05/22 10:14	03/05/22 10:14		03/07/22	
L2211735-70	JL-S-38-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:14	03/05/22 10:14		03/07/22	
L2211735-71	JL-S-39	DW	125 N. CHAPEL HILL RD	03/05/22 10:16	03/05/22 10:16		03/07/22	
L2211735-72	JL-S-39-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:16	03/05/22 10:16		03/07/22	
L2211735-73	JL-WF-40	DW	125 N. CHAPEL HILL RD	03/05/22 10:20	03/05/22 10:20		03/07/22	
L2211735-74	JL-WF-40-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:20	03/05/22 10:20		03/07/22	
L2211735-75	JL-WF-41	DW	125 N. CHAPEL HILL RD	03/05/22 10:21	03/05/22 10:21		03/07/22	
L2211735-76	JL-WF-41-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:21	03/05/22 10:21		03/07/22	
L2211735-77	JL-S-42	DW	125 N. CHAPEL HILL RD	03/05/22 10:23	03/05/22 10:23		03/07/22	
L2211735-78	JL-S-42-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:23	03/05/22 10:23		03/07/22	
L2211735-79	JL-S-43	DW	125 N. CHAPEL HILL RD	03/05/22 10:24	03/05/22 10:24		03/07/22	
L2211735-80	JL-S-43-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:24	03/05/22 10:24		03/07/22	

Serial_No:03232215:06					
Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2211735-81	JL-S-44	DW	125 N. CHAPEL HILL RD	03/05/22 10:27	03/07/22
L2211735-82	JL-S-44-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:27	03/07/22
L2211735-83	JL-S-45	DW	125 N. CHAPEL HILL RD	03/05/22 10:28	03/07/22
L2211735-84	JL-S-45-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:28	03/07/22
L2211735-85	JL-S-46	DW	125 N. CHAPEL HILL RD	03/05/22 10:29	03/07/22
L2211735-86	JL-S-46-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:29	03/07/22
L2211735-87	JL-WF-48	DW	125 N. CHAPEL HILL RD	03/05/22 10:34	03/07/22
L2211735-88	JL-WF-48-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:34	03/07/22
L2211735-89	JL-WF-49	DW	125 N. CHAPEL HILL RD	03/05/22 10:35	03/07/22
L2211735-90	JL-WF-49-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:36	03/07/22
L2211735-91	JL-BF-50	DW	125 N. CHAPEL HILL RD	03/05/22 10:35	03/07/22
L2211735-92	JL-BF-50-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:36	03/07/22
L2211735-93	JL-WF-51	DW	125 N. CHAPEL HILL RD	03/05/22 10:43	03/07/22
L2211735-94	JL-WF-51-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:43	03/07/22
L2211735-95	JL-WF-52	DW	125 N. CHAPEL HILL RD	03/05/22 10:44	03/07/22
L2211735-96	JL-WF-52-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:44	03/07/22
L2211735-97	JL-S-53	DW	125 N. CHAPEL HILL RD	03/05/22 10:47	03/07/22
L2211735-98	JL-S-53-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:47	03/07/22
L2211735-99	JL-S-54	DW	125 N. CHAPEL HILL RD	03/05/22 10:48	03/07/22
L2211735-100	JL-S-54-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:48	03/07/22
L2211735-101	JL-S-55	DW	125 N. CHAPEL HILL RD	03/05/22 10:49	03/07/22
L2211735-102	JL-S-55-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:49	03/07/22
L2211735-103	JL-S-56	DW	125 N. CHAPEL HILL RD	03/05/22 10:50	03/07/22
L2211735-104	JL-S-56-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:50	03/07/22
L2211735-105	JL-S-57	DW	125 N. CHAPEL HILL RD	03/05/22 10:51	03/07/22
L2211735-106	JL-S-57-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:51	03/07/22
L2211735-107	JL-S-58	DW	125 N. CHAPEL HILL RD	03/05/22 10:52	03/07/22
L2211735-108	JL-S-58-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:52	03/07/22

Serial_No:03232215:06

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2211735-109	JL-WF-59	DW	125 N. CHAPEL HILL RD	03/05/22 10:53	03/07/22
L2211735-110	JL-WF-59-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:53	03/07/22
L2211735-111	JL-WF-60	DW	125 N. CHAPEL HILL RD	03/05/22 10:54	03/07/22
L2211735-112	JL-WF-60-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:54	03/07/22
L2211735-113	JL-S-61	DW	125 N. CHAPEL HILL RD	03/05/22 10:56	03/07/22
L2211735-114	JL-WF-61-F	DW	125 N. CHAPEL HILL RD	03/05/22 10:56	03/07/22
L2211735-115	JL-WF-62	DW	125 N. CHAPEL HILL RD	03/05/22 11:00	03/07/22
L2211735-116	JL-WF-62-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:00	03/07/22
L2211735-117	JL-WF-63	DW	125 N. CHAPEL HILL RD	03/05/22 11:01	03/07/22
L2211735-118	JL-WF-63-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:02	03/07/22
L2211735-119	JL-BF-64	DW	125 N. CHAPEL HILL RD	03/05/22 11:01	03/07/22
L2211735-120	JL-BF-64-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:02	03/07/22
L2211735-121	JL-WF-65	DW	125 N. CHAPEL HILL RD	03/05/22 11:06	03/07/22
L2211735-122	JL-WF-65-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:06	03/07/22
L2211735-123	JL-WF-66	DW	125 N. CHAPEL HILL RD	03/05/22 11:07	03/07/22
L2211735-124	JL-WF-66-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:07	03/07/22
L2211735-125	JL-S-67	DW	125 N. CHAPEL HILL RD	03/05/22 11:09	03/07/22
L2211735-126	JL-S-67-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:00	03/07/22
L2211735-127	JL-S-68	DW	125 N. CHAPEL HILL RD	03/05/22 11:13	03/07/22
L2211735-128	JL-S-68-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:13	03/07/22
L2211735-129	JL-WF-69	DW	125 N. CHAPEL HILL RD	03/05/22 11:14	03/07/22
L2211735-130	JL-WF-69-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:14	03/07/22
L2211735-131	JL-WF-70	DW	125 N. CHAPEL HILL RD	03/05/22 11:15	03/07/22
L2211735-132	JL-WF-70-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:15	03/07/22
L2211735-133	JL-S-71	DW	125 N. CHAPEL HILL RD	03/05/22 11:17	03/07/22
L2211735-134	JL-S-71-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:17	03/07/22
L2211735-135	JL-S-72	DW	125 N. CHAPEL HILL RD	03/05/22 11:18	03/07/22
L2211735-136	JL-S-72-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:18	03/07/22

Page 6 of 128

L2211735-136

ALPHA ANALYTICS



Alpha Sample ID		Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2211735-137		JL-S-75	DW	125 N. CHAPEL HILL RD	03/05/22 11:25	03/07/22
L2211735-138		JL-S-75-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:25	03/07/22
L2211735-139		JL-WF-76	DW	125 N. CHAPEL HILL RD	03/05/22 11:26	03/07/22
L2211735-140		JL-WF-76-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:26	03/07/22
L2211735-141		JL-WF-77	DW	125 N. CHAPEL HILL RD	03/05/22 11:27	03/07/22
L2211735-142		JL-WF-77-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:27	03/07/22
L2211735-143		JL-S-78	DW	125 N. CHAPEL HILL RD	03/05/22 11:29	03/07/22
L2211735-144		JL-S-78-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:29	03/07/22
L2211735-145		JL-S-79	DW	125 N. CHAPEL HILL RD	03/05/22 11:30	03/07/22
L2211735-146		JL-S-79-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:30	03/07/22
L2211735-147		JL-WF-80	DW	125 N. CHAPEL HILL RD	03/05/22 11:33	03/07/22
L2211735-148		JL-WF-80-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:33	03/07/22
L2211735-149		JL-WF-81	DW	125 N. CHAPEL HILL RD	03/05/22 11:34	03/07/22
L2211735-150		JL-WF-81-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:34	03/07/22
L2211735-151		JL-S-82	DW	125 N. CHAPEL HILL RD	03/05/22 11:38	03/07/22
L2211735-152		JL-S-82-F	DW	125 N. CHAPEL HILL RD	03/05/22 11:38	03/07/22

Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

**NJ DEP Data of Known Quality Protocols
 Conformance/Non-Conformance
 Summary Questionnaire**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	YES
1a	Were the method specified handling, preservation, and holding time requirements met?	YES
1b	EPH Method: Was the EPH Method conducted without significant modifications (see Section 11.3 of respective DKQ methods)?	N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were all samples received at an appropriate temperature ($4 \pm 2^{\circ} \text{C}$)?	YES
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	YES
5a	Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	NO
5b	Were these reporting limits met?	N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	YES
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	NO

Note: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1a or #1b is "No", the data package does not meet the requirements for "Data of Known Quality".

Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

DKQP Related Narratives

Report Submission

In reference to question 5a:

Reporting limits were not specified.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: *Melissa Sturgis* Melissa Sturgis

Title: Technical Director/Representative

Date: 03/23/22

METALS

Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-01

Date Collected: 03/05/22 08:42

Client ID: JL-S-01 (POE1)

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	19.72		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 15:37	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-02

Date Collected: 03/05/22 08:43

Client ID: JL-S-01 (POE1)-F

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.419		ug/l	1.000	0.3430	1	03/18/22 12:52	03/20/22 18:47	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-03

Date Collected: 03/05/22 08:44

Client ID: JL-S-02

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.336		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 16:15	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-05

Date Collected: 03/05/22 08:46

Client ID: JL-S-03

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	89.82		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 15:42	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-06

Date Collected: 03/05/22 08:47

Client ID: JL-S-03-F

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	4.978		ug/l	1.000	0.3430	1	03/18/22 12:52	03/20/22 18:52	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-07

Date Collected: 03/05/22 08:48

Client ID: JL-WF-04

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	3.706		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 15:47	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-09

Date Collected: 03/05/22 08:50

Client ID: JL-WF-05

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.345		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 16:20	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-11

Date Collected: 03/05/22 09:02

Client ID: JL-WF-06

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.5250	J	ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 16:25	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-13

Date Collected: 03/05/22 09:03

Client ID: JL-WF-07

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.7800	J	ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 16:30	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-15

Date Collected: 03/05/22 09:07

Client ID: JL-WF-08

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.8009	J	ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 16:35	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-17

Date Collected: 03/05/22 09:08

Client ID: JL-WF-09

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.7700	J	ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 16:40	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-19

Date Collected: 03/05/22 09:19

Client ID: JL-POE S

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	57.55		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 16:46	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-20

Date Collected: 03/05/22 09:19

Client ID: JL-POE S-F

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	168.6		ug/l	1.000	0.3430	1	03/18/22 12:52	03/20/22 19:33	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-21

Date Collected: 03/05/22 09:22

Client ID: JL-S-10

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.7429	J	ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 16:51	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-23

Date Collected: 03/05/22 09:24

Client ID: JL-WF-11

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 17:08	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-25

Date Collected: 03/05/22 09:25

Client ID: JL-WF-12

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 17:13	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-27

Date Collected: 03/05/22 09:30

Client ID: JL-S-13

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.997		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 17:18	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-29

Date Collected: 03/05/22 09:32

Client ID: JL-1M-14

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.512		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 17:24	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-31

Date Collected: 03/05/22 09:34

Client ID: JL-WF-15

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 17:29	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-33

Date Collected: 03/05/22 09:36

Client ID: JL-WF-17

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.6642	J	ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 17:34	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-35

Date Collected: 03/05/22 09:39

Client ID: JL-WF-19

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	9.960		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 17:39	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-37

Date Collected: 03/05/22 09:40

Client ID: JL-WF-20

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	14.10		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 17:44	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-39

Date Collected: 03/05/22 09:42

Client ID: JL-S-21

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	3.221		ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 17:49	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-41

Date Collected: 03/05/22 09:45

Client ID: JL-S-22

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.601		ug/l	1.000	0.3430	1	03/15/22 04:58	03/15/22 23:47	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-43

Date Collected: 03/05/22 09:52

Client ID: JL-WF-25

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.6846	J	ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 00:03	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-45

Date Collected: 03/05/22 09:53

Client ID: JL-WF-26

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 00:13	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-47

Date Collected: 03/05/22 09:54

Client ID: JL-BF-27

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 00:29	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-49

Date Collected: 03/05/22 09:57

Client ID: JL-S-28

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.490		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 00:34	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-51

Date Collected: 03/05/22 09:58

Client ID: JL-S-29

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.154		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 00:39	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-53

Date Collected: 03/05/22 10:00

Client ID: JL-S-30

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.984		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 00:44	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-55

Date Collected: 03/05/22 10:03

Client ID: JL-S-31

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.807		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 00:49	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-57

Date Collected: 03/05/22 10:04

Client ID: JL-S-32

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.575		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 00:54	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-59

Date Collected: 03/05/22 10:05

Client ID: JL-S-33

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	3.224		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:00	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-61

Date Collected: 03/05/22 10:06

Client ID: JL-S-34

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	7.444		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:05	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-63

Date Collected: 03/05/22 10:07

Client ID: JL-S-35

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	3.243		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:10	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-65

Date Collected: 03/05/22 10:11

Client ID: JL-S-36

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.629		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:15	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-67

Date Collected: 03/05/22 10:12

Client ID: JL-S-37

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.976		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:31	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-69

Date Collected: 03/05/22 10:14

Client ID: JL-S-38

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.339		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:36	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-71

Date Collected: 03/05/22 10:16

Client ID: JL-S-39

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	3.315		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:41	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-73

Date Collected: 03/05/22 10:20

Client ID: JL-WF-40

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:46	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-75

Date Collected: 03/05/22 10:21

Client ID: JL-WF-41

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.6902	J	ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:51	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-77

Date Collected: 03/05/22 10:23

Client ID: JL-S-42

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.728		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 01:56	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-79

Date Collected: 03/05/22 10:24

Client ID: JL-S-43

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.043		ug/l	1.000	0.3430	1	03/15/22 04:58	03/16/22 02:02	EPA 3005A	3,200.8	SV



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-81

Date Collected: 03/05/22 10:27

Client ID: JL-S-44

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.670		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:22	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-83

Date Collected: 03/05/22 10:28

Client ID: JL-S-45

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	4.026		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:34	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-85

Date Collected: 03/05/22 10:29

Client ID: JL-S-46

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.909		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:37	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-87

Date Collected: 03/05/22 10:34

Client ID: JL-WF-48

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.9700	J	ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:40	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-89

Date Collected: 03/05/22 10:35

Client ID: JL-WF-49

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:43	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-91

Date Collected: 03/05/22 10:35

Client ID: JL-BF-50

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:46	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-93

Date Collected: 03/05/22 10:43

Client ID: JL-WF-51

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.5610	J	ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:49	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-95

Date Collected: 03/05/22 10:44

Client ID: JL-WF-52

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.285		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:52	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-97

Date Collected: 03/05/22 10:47

Client ID: JL-S-53

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:55	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-99

Date Collected: 03/05/22 10:48

Client ID: JL-S-54

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.976		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:58	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-101

Date Collected: 03/05/22 10:49

Client ID: JL-S-55

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.075		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 18:39	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-103

Date Collected: 03/05/22 10:50

Client ID: JL-S-56

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.246		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:00	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-105

Date Collected: 03/05/22 10:51

Client ID: JL-S-57

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.9550	J	ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 18:42	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-107

Date Collected: 03/05/22 10:52

Client ID: JL-S-58

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.145		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 18:45	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-109

Date Collected: 03/05/22 10:53

Client ID: JL-WF-59

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.789		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:03	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-111

Date Collected: 03/05/22 10:54

Client ID: JL-WF-60

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	17.25		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:06	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-112

Date Collected: 03/05/22 10:54

Client ID: JL-WF-60-F

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	22.37		ug/l	1.000	0.3430	1	03/18/22 12:52	03/20/22 18:57	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-113

Date Collected: 03/05/22 10:56

Client ID: JL-S-61

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	4.060		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:09	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-115

Date Collected: 03/05/22 11:00

Client ID: JL-WF-62

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	0.7210	J	ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:12	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-117

Date Collected: 03/05/22 11:01

Client ID: JL-WF-63

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:15	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-119

Date Collected: 03/05/22 11:01

Client ID: JL-BF-64

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	ND		ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 19:18	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-121

Date Collected: 03/05/22 11:06

Client ID: JL-WF-65

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.408		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 20:41	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-123

Date Collected: 03/05/22 11:07

Client ID: JL-WF-66

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	2.741		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 20:50	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-125

Date Collected: 03/05/22 11:09

Client ID: JL-S-67

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.469		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 20:53	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-127

Date Collected: 03/05/22 11:13

Client ID: JL-S-68

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.379		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 20:56	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-129

Date Collected: 03/05/22 11:14

Client ID: JL-WF-69

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	7.681		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 20:59	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-131

Date Collected: 03/05/22 11:15

Client ID: JL-WF-70

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	13.17		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 21:02	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-133

Date Collected: 03/05/22 11:17

Client ID: JL-S-71

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.956		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 21:05	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-135

Date Collected: 03/05/22 11:18

Client ID: JL-S-72

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	8.640		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 21:08	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-137

Date Collected: 03/05/22 11:25

Client ID: JL-S-75

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	8.484		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 21:11	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-139

Date Collected: 03/05/22 11:26

Client ID: JL-WF-76

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	161.6		ug/l	5.000	1.715	5	03/16/22 08:30	03/16/22 21:33	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-140

Date Collected: 03/05/22 11:26

Client ID: JL-WF-76-F

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	111.6		ug/l	1.000	0.3430	1	03/18/22 12:52	03/20/22 19:02	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-141

Date Collected: 03/05/22 11:27

Client ID: JL-WF-77

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	125.0		ug/l	5.000	1.715	5	03/16/22 08:30	03/16/22 21:36	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-142

Date Collected: 03/05/22 11:27

Client ID: JL-WF-77-F

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	91.10		ug/l	1.000	0.3430	1	03/18/22 12:52	03/20/22 19:07	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-143

Date Collected: 03/05/22 11:29

Client ID: JL-S-78

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.763		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 21:39	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-145

Date Collected: 03/05/22 11:30

Client ID: JL-S-79

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	8.620		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 21:42	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-147

Date Collected: 03/05/22 11:33

Client ID: JL-WF-80

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	41.66		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 21:45	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-148

Date Collected: 03/05/22 11:33

Client ID: JL-WF-80-F

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	60.93		ug/l	1.000	0.3430	1	03/18/22 12:52	03/20/22 19:13	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-149

Date Collected: 03/05/22 11:34

Client ID: JL-WF-81

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	62.87		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 21:48	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-150

Date Collected: 03/05/22 11:34

Client ID: JL-WF-81-F

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	44.18		ug/l	1.000	0.3430	1	03/18/22 12:52	03/20/22 19:28	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY**Lab Number:** L2211735**Project Number:** 21-327918.1**Report Date:** 03/23/22**SAMPLE RESULTS**

Lab ID: L2211735-151

Date Collected: 03/05/22 11:38

Client ID: JL-S-82

Date Received: 03/07/22

Sample Location: 125 N. CHAPEL HILL RD

Field Prep: Not Specified

Sample Depth:

Matrix: Dw

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Lead, Total	1.503		ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 21:51	EPA 3005A	3,200.8	WP



Project Name: JACKSON LIBERTY

Lab Number: L2211735

Project Number: 21-327918.1

Report Date: 03/23/22

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39 Batch: WG1613580-1									
Lead, Total	ND	ug/l	1.000	0.3430	1	03/15/22 04:44	03/15/22 15:01	3,200.8	SV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 41,43,45,47,49,51,53,55,57,59,61,63,65,67,69,71,73,75,77,79 Batch: WG1613582-1									
Lead, Total	ND	ug/l	1.000	0.3430	1	03/15/22 04:58	03/15/22 23:26	3,200.8	SV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 81,83,85,87,89,91,93,95,97,99,101,103,105,107,109,111,113,115,117,119 Batch: WG1613584-1									
Lead, Total	ND	ug/l	1.000	0.3430	1	03/16/22 08:10	03/16/22 18:20	3,200.8	WP

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 121,123,125,127,129,131,133,135,137,139,141,143,145,147,149,151 Batch: WG1613585-1									
Lead, Total	ND	ug/l	1.000	0.3430	1	03/16/22 08:30	03/16/22 19:31	3,200.8	WP



Project Name: JACKSON LIBERTY

Lab Number: L2211735

Project Number: 21-327918.1

Report Date: 03/23/22

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02,06,20,112,140,142,148,150 Batch: WG1616441-1									
Lead, Total	ND	ug/l	1.000	0.3430	1	03/18/22 12:52	03/20/22 17:24	3,200.8	WP

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39 Batch: WG1613580-2								
Lead, Total	97	-	-	-	85-115	-	-	-
Total Metals - Mansfield Lab Associated sample(s): 41,43,45,47,49,51,53,55,57,59,61,63,65,67,69,71,73,75,77,79 Batch: WG1613582-2								
Lead, Total	95	-	-	-	85-115	-	-	-
Total Metals - Mansfield Lab Associated sample(s): 81,83,85,87,89,91,93,95,97,99,101,103,105,107,109,111,113,115,117,119 Batch: WG1613584-2								
Lead, Total	105	-	-	-	85-115	-	-	-
Total Metals - Mansfield Lab Associated sample(s): 121,123,125,127,129,131,133,135,137,139,141,143,145,147,149,151 Batch: WG1613585-2								
Lead, Total	107	-	-	-	85-115	-	-	-
Total Metals - Mansfield Lab Associated sample(s): 02,06,20,112,140,142,148,150 Batch: WG1616441-2								
Lead, Total	100	-	-	-	85-115	-	-	-

Matrix Spike Analysis

Batch Quality Control

Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Qual	Recovery Limits	RPD Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39 QC Batch ID: WG1613580-3 QC Sample: L2211735-01 Client ID: JL-S-01 (POE1)										
Lead, Total	19.72	530	537.9	98	-	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39 QC Batch ID: WG1613580-5 QC Sample: L2211735-03 Client ID: JL-S-02										
Lead, Total	2.336	530	530.4	100	-	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 41,43,45,47,49,51,53,55,57,59,61,63,65,67,69,71,73,75,77,79 QC Batch ID: WG1613582-3 QC Sample: L2211735-41 Client ID: JL-S-22										
Lead, Total	2.601	530	502.0	94	-	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 41,43,45,47,49,51,53,55,57,59,61,63,65,67,69,71,73,75,77,79 QC Batch ID: WG1613582-5 QC Sample: L2211735-43 Client ID: JL-WF-25										
Lead, Total	0.6846J	530	497.7	94	-	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 81,83,85,87,89,91,93,95,97,99,101,103,105,107,109,111,113,115,117,119 QC Batch ID: WG1613584-3 QC Sample: L2211735-101 Client ID: JL-S-55										
Lead, Total	1.075	530	557.1	105	-	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 81,83,85,87,89,91,93,95,97,99,101,103,105,107,109,111,113,115,117,119 QC Batch ID: WG1613584-5 QC Sample: L2211735-103 Client ID: JL-S-56										
Lead, Total	2.246	530	573.9	108	-	-	-	70-130	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39 QC Batch ID: WG1613580-4 QC Sample: L2211735-01 Client ID: JL-S-01 (POE1)						
Lead, Total	19.72	19.66	ug/l	0		20
Total Metals - Mansfield Lab Associated sample(s): 01,03,05,07,09,11,13,15,17,19,21,23,25,27,29,31,33,35,37,39 QC Batch ID: WG1613580-6 QC Sample: L2211735-03 Client ID: JL-S-02						
Lead, Total	2.336	2.475	ug/l	6		20
Total Metals - Mansfield Lab Associated sample(s): 41,43,45,47,49,51,53,55,57,59,61,63,65,67,69,71,73,75,77,79 QC Batch ID: WG1613582-4 QC Sample: L2211735-41 Client ID: JL-S-22						
Lead, Total	2.601	2.633	ug/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 41,43,45,47,49,51,53,55,57,59,61,63,65,67,69,71,73,75,77,79 QC Batch ID: WG1613582-6 QC Sample: L2211735-43 Client ID: JL-WF-25						
Lead, Total	0.6846J	0.6921J	ug/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 81,83,85,87,89,91,93,95,97,99,101,103,105,107,109,111,113,115,117,119 QC Batch ID: WG1613584-4 QC Sample: L2211735-101 Client ID: JL-S-55						
Lead, Total	1.075	1.059	ug/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 81,83,85,87,89,91,93,95,97,99,101,103,105,107,109,111,113,115,117,119 QC Batch ID: WG1613584-6 QC Sample: L2211735-103 Client ID: JL-S-56						
Lead, Total	2.246	2.334	ug/l	4		20



Sample Receipt and Container Information

Were project specific reporting limits specified? NO

Cooler Information	
Cooler	Custody Seal
J	Absent
K	Absent
L	Absent
O	Absent

Container Information			Initial		Final	Temp		Frozen		Analysis(*)
Container ID	Container Type	Cooler	pH	pH	deg C	Pres	Seal	Date/Time		
L2211735-01A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)	
L2211735-02A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)	
L2211735-03A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)	
L2211735-04A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)	
L2211735-05A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)	
L2211735-06A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)	
L2211735-07A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)	
L2211735-08A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)	
L2211735-09A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)	
L2211735-100A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)	
L2211735-101A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)	
L2211735-102A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)	
L2211735-103A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)	
L2211735-104A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)	
L2211735-105A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)	
L2211735-106A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)	
L2211735-107A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		PB-2008T-PPB(180)	
L2211735-108A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		HOLD-METAL-TOTAL(180)	
L2211735-109A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		PB-2008T-PPB(180)	
L2211735-10A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)	



Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Serial_No:03232215:06
Lab Number: L2211735
Report Date: 03/23/22

Container Information			Cooler		Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2211735-110A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-111A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-112A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-113A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-114A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-115A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-116A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-117A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-118A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-119A	Plastic 250ml	HNO3 preserved	O	<2	<2	5.4	Y	Absent			PB-2008T-PPB(180)
L2211735-11A	Plastic 250ml	HNO3 preserved	J	<2	<2	4.8	Y	Absent			PB-2008T-PPB(180)
L2211735-120A	Plastic 250ml	HNO3 preserved	O	<2	<2	5.4	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-121A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-122A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-123A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-124A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-125A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-126A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-127A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-128A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-129A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-12A	Plastic 250ml	HNO3 preserved	J	<2	<2	4.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-130A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-131A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-132A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-133A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)
L2211735-134A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			PB-2008T-PPB(180)
L2211735-135A	Plastic 250ml	HNO3 preserved	L	<2	<2	2.8	Y	Absent			HOLD-METAL-TOTAL(180)

Container Information			Initial			Final			Frozen		
Container ID	Container Type	Cooler	pH	pH	deg C	Pres	Seal	Date/Time	Analysis(*)		
L2211735-136A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-137A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-138A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-139A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-13A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-140A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-141A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-142A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-143A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-144A	Plastic 250ml HNO3 preserved	L	<2	<2	2.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-145A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-146A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-147A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-148A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-149A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-14A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-150A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-151A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-152A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-15A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-16A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-17A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-18A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-19A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-20A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-21A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-22A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-23A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		

Container Information			Initial			Final			Frozen		
Container ID	Container Type	Cooler	pH	pH	deg C	Pres	Seal	Date/Time	Analysis(*)		
L2211735-24A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-25A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-26A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-27A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-28A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-29A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-30A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-31A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-32A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-33A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-34A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-35A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-36A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-37A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-38A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-39A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-40A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-41A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-42A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-43A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-44A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-45A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-46A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-47A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-48A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-49A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-50A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-51A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		

Container Information			Initial		Final		Temp		Frozen		Analysis(*)
Container ID	Container Type	Cooler	pH	pH	deg C	Pres	Seal	Date/Time			
L2211735-52A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-53A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-54A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-55A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-56A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-57A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-58A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-59A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-60A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-61A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-62A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-63A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		PB-2008T-PPB(180)		
L2211735-64A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-65A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-66A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-67A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-68A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-69A	Plastic 250ml HNO3 preserved	J	<2	<2	4.8	Y	Absent		PB-2008T-PPB(180)		
L2211735-70A	Plastic 250ml HNO3 preserved	K	<2	<2	3.7	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-71A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)		
L2211735-72A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-73A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)		
L2211735-74A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-75A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)		
L2211735-76A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-77A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)		
L2211735-78A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)		
L2211735-79A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)		

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2211735-80A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-81A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)
L2211735-82A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-83A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)
L2211735-84A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-85A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)
L2211735-86A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-87A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)
L2211735-88A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-89A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)
L2211735-90A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-91A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)
L2211735-92A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-93A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)
L2211735-94A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-95A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)
L2211735-96A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-97A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)
L2211735-98A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		HOLD-METAL-TOTAL(180)
L2211735-99A	Plastic 250ml HNO3 preserved	O	<2	<2	5.4	Y	Absent		PB-2008T-PPB(180)

Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

Data Qualifiers

- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: JACKSON LIBERTY
Project Number: 21-327918.1

Lab Number: L2211735
Report Date: 03/23/22

REFERENCES

- 3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 19

Published Date: 4/2/2021 1:14:23 PM

Page 1 of 1

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624/624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625/625.1:** alpha-Terpineol**EPA 8260C/8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D/8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 332:** Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H-B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.****EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW JERSEY CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 3 of 13		Date Rec'd in Lab 3/1/22		ALPHA Job # L2211735	
Client Information Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: Project Location: Project # (Use Project name as Project #) ☐ Project Manager: ALPHAQuote #: Turn-Around Time Standard ☐ Due Date: Rush (only if pre approved) ☐ # of Days:		Deliverables ☐ NJ Full / Reduced ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #	
Site Information Is this site impacted by Petroleum? Yes ☐ Petroleum Product:		Regulatory Requirement ☐ SRS Residential/Non Residential ☐ SRS Impact to Groundwater ☐ NJ Ground Water Quality Standards ☐ NJ IGW SPLP Leachate Criteria ☐ Other		Sample Information Sample ID Collection Date Time Sample Matrix Sampler's Initials		Sample Filtration ☐ Done ☐ Lab to do ☐ Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments		Sample Specific Comments	
These samples have been previously analyzed by Alpha ☐ For VOC, selection is REQUIRED: ☐ Category 1 ☐ Category 2 ☐ 1,4-Dioxane ☐ 8011		Other project specific requirements/comments: Please specify Metals or TAL.		ANALYSIS		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Backleria Cup C = Cube E = Encore D = BOD Bottle O = Other		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Relinquished By: 3/1/22 9:00 3/1/22 13:35 3/1/22 2:00 3/1/22 2:00		Received By: 3/1/22 9:00 3/1/22 13:35 3/1/22 2:00 3/1/22 2:00	
Form No: 01-14 HC (rev. 30-Sept-2013)		Page 113 of 128							

NEW JERSEY CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 3 of 17		Date Rec'd in Lab 3/7/22		ALPHA Job # 2211235	
Client Information Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: Project Location: See page Project # (Use Project name as Project #) ☐ Project Manager: ALPHAQuote #: Turn-Around Time Standard ☐ Due Date: Rush (only if pre approved) ☐ # of Days:		Deliverables ☐ NJ Full / Reduced ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #	
Site Information Is this site impacted by Petroleum? Yes ☐ Petroleum Product: Regulatory Requirement: ☐ SRS Residential/Non Residential ☐ SRS Impact to Groundwater ☐ NJ Ground Water Quality Standards ☐ NJ IGW SPLP Leachate Criteria ☐ Other		Sample Information These samples have been previously analyzed by Alpha ☐ For VOC, selection is required: Category 1 ☐ Category 2 ☐ 1,4-Dioxane ☐ 8011 ☐ Other project specific requirements/comments: Please specify Metals or TAL.		ANALYSIS Sample ID Collection Date Time Sample Matrix Sampler's Initials Container Type Preservative		Sample Filtration ☐ Done ☐ Lab to do ☐ Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments		Site Information Is this site impacted by Petroleum? Yes ☐ Petroleum Product: Regulatory Requirement: ☐ SRS Residential/Non Residential ☐ SRS Impact to Groundwater ☐ NJ Ground Water Quality Standards ☐ NJ IGW SPLP Leachate Criteria ☐ Other	
Relinquished By: Date/Time 3/7/22 10:00 3/7/22 13:35 3/7/22 18:00		Received By: Date/Time 3/7/22 10:00 3/7/22 13:35 3/7/22 18:00		Relinquished By: Date/Time 3/7/22 10:00 3/7/22 13:35 3/7/22 18:00		Received By: Date/Time 3/7/22 10:00 3/7/22 13:35 3/7/22 18:00		Relinquished By: Date/Time 3/7/22 10:00 3/7/22 13:35 3/7/22 18:00	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn AcNaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Sample Specific Comments		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	

NEW JERSEY CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 4 of 17		Date Rec'd in Lab 3/7/22		ALPHA Job # C2211735	
Client Information Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-898-9220 FAX: 508-898-9193		Project Information Project Name: Project Location: Project # (Use Project name as Project #) ☐ Project Manager: ALPHAQuote #: Turn-Around Time Standard ☐ Rush (only if pre approved) ☐ Due Date: # of Days:		Deliverables ☐ NJ Full / Reduced ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #	
Site Information Is this site impacted by Petroleum? Yes ☐ Petroleum Product:		Regulatory Requirement ☐ SRS Residential/Non Residential ☐ SRS Impact to Groundwater ☐ NJ Ground Water Quality Standards ☐ NJ IGW SPLP Leachate Criteria ☐ Other		Sample Information Sample ID Collection Date Time Sample Matrix Sampler's Initials		Sample Filtration ☐ Done ☐ Lab to do ☐ Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments		ANALYSIS	
These samples have been previously analyzed by Alpha ☐ For EPH, selection is REQUIRED: ☐ Category 1 ☐ Category 2 ☐ 1,4-Dioxane ☐ 8011		For VOC, selection is REQUIRED: Other project specific requirements/comments: Please specify Metals or TAL.		Container Type Preservative		Relinquished By: Date/Time Received By: Date/Time		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
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ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
11735-31		JL-WF-15		3/5/22 9:34		NAPV		NS	
-32		JL-WF-15-F		3/5/22 9:34		NAPV		NS	
-33		JL-WF-15-F		3/5/22 9:34		NAPV		NS	
-34		JL-WF-15-F		3/5/22 9:34		NAPV		NS	
-35		JL-WF-15-F		3/5/22 9:34		NAPV		NS	
-36		JL-WF-15-F		3/5/22 9:34		NAPV		NS	

NEW JERSEY CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 6 of 17		Date Rec'd in Lab 3/7/22		ALPHA Job # L2211735	
Client Information Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3286		Project Information Project Name: See page 1 Project Location: See page 1 Project # (Use Project name as Project #) ☐		Deliverables ☐ NJ Full / Reduced ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #	
Site Information Client: Address: Phone: Fax: Email:		Regulatory Requirement ☐ SRS Residential/Non Residential ☐ SRS Impact to Groundwater ☐ NJ Ground Water Quality Standards ☐ NJ IGW SPLP Leachate Criteria ☐ Other		Is this site impacted by Petroleum? Yes ☐		Petroleum Product:			
These samples have been previously analyzed by Alpha ☐		For VOC, selection is REQUIRED: ☐ Category 1 ☐ Category 2 ☐ 1,4-Dioxane ☐ 8011		Other project specific requirements/comments: Please specify Metals or TAL.		ANALYSIS		Sample Filtration ☐ Done ☐ Lab to do ☐ Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
11735-413		JL-WF-25		3/5/22 9:52		Water		NS	
-414		JL-WF-25-F		9:52					
-415		JL-WF-26		9:53					
-416		JL-WF-26-F		9:53					
-417		JL-BF-27		9:54					
-418		JL-BF-27-F		9:54					
-419		JL-S-28		9:57					
-50		JL-S-28-F		9:57					
-51		JL-S-29		9:58					
-52		JL-S-29-F		9:58					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn AcNaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type		Received By:	
						Preservative		Date/Time	
				3/7/22 7:00				3/7/22 7:20	
				3/7/22 13:33				3/7/22 18:00	
				3/7				3/7/22	
				2:00				Melissa Wood 3/7/22 2:00	

NEW JERSEY CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 7 of 17		Date Rec'd in Lab 3/17/22		ALPHA Job # U221735							
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: <u>See page 1</u> Project Location: <u>See page 1</u> Project # <u> </u> (Use Project name as Project #) ☐		Deliverables ☐ NJ Full / Reduced ☐ EQuIS (1 File) ☐ EQuIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO # <u> </u>							
Client Information Client: <u> </u> Address: <u> </u> Phone: <u> </u> Fax: <u> </u> Email: <u> </u>		Project Manager: <u> </u> ALPHAQuote #: <u> </u> Turn-Around Time Standard ☐ Rush (only if pre approved) ☐ Due Date: <u> </u> # of Days: <u> </u>		Regulatory Requirement ☐ SRS Residential/Non Residential ☐ SRS Impact to Groundwater ☐ NJ Ground Water Quality Standards ☐ NJ IGW SPLP Leachate Criteria ☐ Other		Site Information Is this site impacted by Petroleum? Yes ☐ Petroleum Product: <u> </u>		Is this site impacted by Petroleum? Yes ☐							
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ALPHA Lab ID (Lab Use Only) 11735-53 -54 -55 -56 -57 -58 -59 -60 -61 -62		Sample ID JL-S-30 JL-S-30-F JL-S-31 JL-S-31-F JL-S-32 JL-S-32-F JL-S-33 JL-S-33-F JL-S-34 JL-S-34-F JL-S-34-F		Collection Date: 3/15/22 Time: 10:00 10:00 10:03 10:03 10:04 10:04 10:05 10:05 10:06 10:06		Sample Matrix u221735 u221735 u221735 u221735 u221735 u221735 u221735 u221735 u221735 u221735 u221735		Sampler's Initials NS NS NS NS NS NS NS NS NS NS NS		Container Type Preservative		Date/Time 3/17/22 9:00 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36		Received By: Melissa Wood 3/17/22 2:00	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube E = Encore D = BOD Bottle O = Other		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Relinquished By: 3/17/22 9:00 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36		Date/Time 3/17/22 9:00 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36		Received By: Melissa Wood 3/17/22 2:00		Date/Time 3/17/22 9:00 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36 3/17/22 13:36		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	

NEW JERSEY CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 13 of 13		Date Rec'd in Lab 3/7/22		ALPHA Job # 02211735	
Client Information Westborough, MA 01581 8 Walkup Dr. TEL: 508-890-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-622-3288		Project Information Project Name: See page 1 Project Location: See page 1 Project # (Use Project name as Project #) ☐ Project Manager: ALPHAQuote #: Turn-Around Time Standard ☐ Due Date: Rush (only if pre approved) ☐ # of Days:		Deliverables ☐ NJ Full / Reduced ☐ EQulS (1 File) ☐ EQulS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #	
Site Information Is this site impacted by Petroleum? Yes ☐ Petroleum Product: Regulatory Requirement ☐ SRS Residential/Non Residential ☐ SRS Impact to Groundwater ☐ NJ Ground Water Quality Standards ☐ NJ IGW SPLP Leachate Criteria ☐ Other		Sample ID ALPHA Lab ID (Lab Use Only) 11735-111 -112 -113 -114 -115 -116 -117 -118 -119 -120		Collection Date 3/5/22 Time 10:54 10:54 10:56 10:56 11:00 11:00 11:01 11:02 11:01 11:02		Sample Matrix water 1 1 1 1 1 1 1 1 1 1		Sample Filtration ☐ Done ☐ Lab to do ☐ Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments	
For EPH, selection is REQUIRED: ☐ Category 1 ☐ Category 2		For VOC, selection is REQUIRED: ☐ 1,4-Dioxane ☐ 8011		Other project specific requirements/comments: Please specify Metals or TAL.		Container Type Preservative		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
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Date/Time 3/7/22 9:00 3/7/22 13:35 3/7		Date/Time 3/7/22 9:00 3/7/22 13:35 3/7		Date/Time 3/7/22 9:00 3/7/22 13:35 3/7		Date/Time 3/7/22 9:00 3/7/22 13:35 3/7		Date/Time 3/7/22 9:00 3/7/22 13:35 3/7	

NEW JERSEY CHAIN OF CUSTODY		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 14 of 17		Date Rec'd in Lab 3/17/22		ALPHA Job # 22211735	
Client Information Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: See page 1 Project Location: See page 1 Project # (Use Project name as Project #) ☐		Deliverables ☐ NJ Full / Reduced ☐ EQuIS (1 File) ☐ EQuIS (4 File) ☐ Other		Billing Information ☐ Same as Client Info PO #	
Client:		Project Manager:		Regulatory Requirement ☐ SRS Residential/Non Residential ☐ SRS Impact to Groundwater ☐ NJ Ground Water Quality Standards ☐ NJ IGW SPLP Leachate Criteria ☐ Other		Site Information Is this site impacted by Petroleum? Yes ☐ Petroleum Product:			
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Phone:		Standard							
Fax:		Rush							
Email:									
These samples have been previously analyzed by Alpha ☐		For VOC, selection is REQUIRED:		Other project specific requirements/comments:		ANALYSIS		Sample Filtration	
☐ Category 1 ☐ Category 2		☐ 1,4-Dioxane ☐ 8011		Please specify Metals or TAL.		☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below)		Sample Specific Comments	
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials	
11735-121		JL-WF-65		3/15/22 11:06		Water		NS	
-122		JL-WF-65-F		11:06					
-123		JL-WF-64		11:07					
-124		JL-WF-66-F		11:07					
-125		JL-S-67		11:09					
-126		JL-S-67-F		11:09					
-127		JL-S-68		11:13					
-128		JL-S-68-F		11:13					
-129		JL-WF-69		11:14					
-130		JL-WF-69-F		11:14					
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type Preservative			
Relinquished By:		Date/Time		Received By:		Date/Time		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
[Signature]		3/17/22 9:00		[Signature]		3/17/22 9:20			
[Signature]		3/17/22 13:35		[Signature]		3/17/22 13:00			
[Signature]		3/17/22 2:00		[Signature]		3/17/22 2:00			
[Signature]		3/17/22 2:00		[Signature]		3/17/22 2:00			

