

State of New Jersey
Department of Children and Families
Office of Licensing

DRINKING WATER TESTING STATEMENT OF ASSURANCE

• PROGRAMS IN OPERATING PUBLIC SCHOOLS ARE NOT REQUIRED TO COMPLETE THIS FORM •

Name of Child Care Center: The Leaguers, Inc.		License ID: 07MET0001
Site Address (Building # and Street): 149 Springfield Avenue- (Metropolitan)		
Municipality: Newark	County: Essex	
Sponsor/Sponsor Representative: Helen Grace-Fields		Phone #: 973-643-0300 x208
Sponsor/Sponsor Representative Email: helen_grace@theleaguers.org		
Additional Contact Person:		Phone #:
Title: Director of Facilities	Email:	

1. The center, as described above, has reviewed the MANUAL OF REQUIREMENTS FOR CHILD CARE CENTERS requiring testing for lead and copper in drinking water and provides assurance that the development and implementation of a testing program was completed in accordance with N.J.A.C. 3A:52-5.3(i)5i as evidenced by our completion of the attached Drinking Water Testing Checklist.
2. The center, as described above, provided all notifications of test results consistent with the requirements of this subchapter.
3. The center, as described above, will continue to fully implement the requirements of this subchapter, including the continuance of any actions taken in response to a lead or copper action level exceedance (e.g., continue to provide bottled water and/or maintain any remedial measure or treatment unit).

CERTIFICATION: By signing below, the **Sponsor or Sponsor Representative** certifies that all statements above are true and accurate:

Sponsor/Sponsor Representative: (PRINT)	Helen Grace-Fields
Signature: Helen Grace-Fields	Helen Grace-Fields
Signature Date:	07/26/2021

State of New Jersey
Department of Children and Families
Office of Licensing

DRINKING WATER TESTING CHECKLIST

Note: This form is for child care centers that are supplied water by a community water system.

•PROGRAMS IN OPERATING PUBLIC SCHOOLS ARE NOT REQUIRED TO COMPLETE THIS FORM•

CHILD CARE CENTER INFORMATION

Name of Child Care Center: The Leaguers, Inc		License ID: 07MET0001	
Site Address of Center:	Building # and Street: 149 Springfield Avenue (Metropolitan)	Municipality: Newark	County: Essex
Sponsor/Sponsor Representative: Helen Grace-Fields		Phone Number: 973-643-0300 x208	Email: helen_grace@theleaguers.org

CERTIFICATION OF COMPLIANCE WITH LEAD & COPPER SAMPLING AT THE ABOVE CHILD CARE CENTER

Sampling Date(s):	SAMPLES COLLECTED BY MANDELL ENVIRONMENTAL CONSULTANTING 4-23-2021
1. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Does the center have a signed contract with a New Jersey Certified Drinking Water Laboratory for lead & copper analysis?
2. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Is there an onsite water outlet assessment in accordance with technical guidance?
3. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Is there a floor plan in accordance with technical guidance?
4. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Sample Date:	Were all the drinking water outlets in the center where a child or staff has or may have access (including food preparation and outside drinking water outlets) sampled?
5. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Sample Date:	Were at least 50% of all indoor water faucets utilized by the center sampled?
6. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Does the child care center have the chain of custody and analytical reports for all drinking water outlets sampled? Please attach copies.
7. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Was all the drinking water outlets sampled in the sequence determined by the floor plan beginning with the outlet closest to the point of entry?
8. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Were all samples taken after the water sat undisturbed in pipes for at least 8 hours but no more than 48 hours?
9. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Were samples collected in pre-cleaned high density polyethylene (HDPE) 250 ml wide mouth single use rigid sample containers?
10. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Were all existing aerators, screens, and filters left in place prior to and during the sampling event?
11. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Were only cold water samples collected?
12. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Did no pre-stagnant flushing take place unless the outlet deviated from normal use and documented on flushing log?
13. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Was all point of use treatment on outlets, such as filters, documented?
14. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Did any result exceed the action level for lead (15 µg/L) or copper (1300 µg/L)?
15. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) was use of all drinking water outlets immediately discontinued?
16. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) was bottled water provided for drinking and food preparation?
17. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) were signs posted to indicate that the outlets are not to be used for drinking or food preparation?

18. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	Did all drinking water outlets with a result that exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) have a follow-up flush sample conducted?
19. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1300 µg/L) was the local health office notified of results?
20. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	If any of the results exceeded the action level for lead (15 µg/L) or copper (1300 µg/L), was notification, including results and remediation measures, provided to the parent(s) of all children attending the center, the staff, and NJDCF?
21. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	Were any drinking water outlets or potable plumbing replaced or repaired as a remedy for an action level exceedance?
22. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A Sample Date:	If any drinking water outlet or potable plumbing was replaced or repaired, were additional samples collected after installation?
23. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	Was any chemical treatment unit or process installed to remedy an action level exceedance (e.g., corrosion control treatment)?
24. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A Sample Date:	If a chemical treatment unit or process was installed to remedy an action level exceedance (e.g., corrosion control treatment), were additional samples collected after the installation?
25. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	Was a mechanical process implemented to remedy an action level exceedance (e.g., flushing program)?
26. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	If a mechanical process was implemented to remedy an action level exceedance (e.g., flushing program), were additional samples collected after the implementation?
27. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	If no remedial action was taken, such as those indicated in 21 through 26 above, has the center implemented a written plan of action for use of bottled water for drinking and food preparation?

CERTIFICATION: By signing below, the **Sponsor or Sponsor Representative** certifies that all answers on this checklist are true and accurate:

Sponsor/Sponsor Representative: (PRINT)	Helen Grace-Fields
Signature:	<i>Helen Grace-Fields</i>
Signature Date:	07/26/2021

DRINKING WATER TESTING RESOURCES

Schools - Lead Sampling Information

<http://www.nj.gov/dep/watersupply/schools.htm>

Lead Sampling in Schools Technical Guidance FAQs

<http://www.nj.gov/dep/watersupply/pdf/leadfaq.pdf>

3Ts for Reducing Lead in Drinking Water: Testing

<https://www.epa.gov/dwreginfo/3ts-reducing-lead-drinking-water-testing>

Quick Reference Guide Sampling For Lead in Drinking Water in Schools:

<http://www.nj.gov/dep/watersupply/pdf/quickref.pdf>

List of NJ Certified Laboratories:

<https://www13.state.nj.us/DataMiner/Search/SearchByCategory?isExternal=y&getCategory=v&catName=Certified+Laboratories>

Drinking Water Outlet Inventory Form:

http://www.nj.gov/dep/watersupply/doc/SP_Attachment%20C.docx

Sampling Water Use Certification:

http://www.nj.gov/dep/watersupply/doc/SP_Attachment%20F.docx

Filter Inventory Form:

http://www.nj.gov/dep/watersupply/doc/SP_Attachment%20D.docx

Results Letter Template:

<http://www.nj.gov/dep/watersupply/doc/resultsletter.doc>



MANDELL ENVIRONMENTAL CONSULTING

409 MINNISINK ROAD • SUITE 102 • TOTOWA, NJ 07512 • (973) 785-7574 • FAX (973) 785-0561

Limited Water Sampling Report

Project Name: The Leaguers Head Start

Project Location: 149 Springfield Avenue, Newark, NJ

Date of Sampling: April 232021

Limited water sampling was performed by Mandell Environmental Consulting at The Leaguers Head Start, 149 Springfield Avenue, Newark, NJ. Water samples were collected from the kitchen sink faucet, water fountains, and water coolers used by the child care center. Samples were also collected from 50% of the other indoor water faucets utilized by the child care. The samples were collected prior to water being used in the building for a minimum of 8 hours and not longer than 48 hours. The samples were collected in 250 milliliter (ml) containers accordance with New Jersey Regulations.

The samples collected were submitted for analysis to Pace Analytical, 575 Broad Hollow Road, Melville, NY 11747, certification # NY158. Samples were analyzed by Graphite Furnace AA, EPA 200.9. The following table contains the results of the sampling. The maximum contaminant level (MCL) for lead in drinking water is 15 ug/L and copper 1,300 ug/L. (Laboratory Results and sampling forms Attached).

Sample Date 04/23/2021

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
149-1	Outlet 2	<1.0	22.4	Ug/L	Neg.
149-2	Outlet 3	1.2	151	ug/L	Neg.
149-3	Outlet 5	<1.0	154	ug/L	Neg.
149-4	Outlet 7B	3.6	99.1	ug/L	Neg.
149-5	Fountain 1	<1.0	1600	ug/L	Pos.
149-6	Outlet 8	1.5	106	ug/L	Neg.
149-7	Outlet 11	12.0	39.4	ug/L	Neg.
149-8	Outlet 12	1.1	19.2	ug/L	Neg.
149-9	Outlet 14	2.4	126	ug/L	Neg.
149-10	Kitchen Faucet 2	<1.0	65.2	ug/L	Neg.
149-11	Kitchen Faucet 1	<1.0	33.8	ug/L	Neg.
149-12	Fountain 2	2.3	793	ug/L	Neg.
149-13	Outlet 15	1.7	90.6	ug/L	Neg.
149-14	Outlet 16	4.4	324	ug/L	Neg.
149-15	Outlet 17	4.7	40.4	ug/L	Neg.
149-16	Outlet 18	<1.0	33.9	ug/L	Neg.

The laboratory results show that none of the samples were found to exceed the lead in drinking water action level of 15 ug/L. The sample collected from fountain 1 exceeded the copper action level of 1,300 ug/L. The water supply too fountain 1 has been turned off and taken out of service. Sampling forms and diagram are attached.

Sampling Performed by: Darren Slack
NJ Lead Inspector/Risk Assessor
Mandell Environmental Consulting
409 Minnisink Road, Suite 102
Totowa, NJ 07512

Signed: Darren Slack Date: 7-14-2021



Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

May 03, 2021

Stuart Casciano
Mandell Environmental Consulting
409 Minnisink Road
Suite 102
Totowa, NJ 07512

RE: Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
• Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Pace Analytical Services Long Island

Delaware Certification # NY10478
Virginia Certification # 460302
Delaware Certification # NY10478
575 Broad Hollow Rd, Melville, NY 11747
New York Certification #: 10478 Primary Accrediting Body
New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350
Connecticut Certification #: PH-0435
Maryland Certification #: 208
Rhode Island Certification #: LAO00340
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-1 OUTLET 2		Lab ID: 70170677001	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	22.4	ug/L	2.0	1		05/01/21 14:22	7440-50-8	
Lead	<1.0	ug/L	1.0	1		05/01/21 14:22	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-2 OUTLET 3		Lab ID: 70170677002	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	151	ug/L	2.0	1		05/01/21 14:23	7440-50-8	
Lead	1.2	ug/L	1.0	1		05/01/21 14:23	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-3 OUTLET 5		Lab ID: 70170677003	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	154	ug/L	2.0	1		05/01/21 14:24	7440-50-8	
Lead	<1.0	ug/L	1.0	1		05/01/21 14:24	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-4 OUTLET 7B		Lab ID: 70170677004	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	991	ug/L	2.0	1		05/01/21 14:25	7440-50-8	
Lead	3.6	ug/L	1.0	1		05/01/21 14:25	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-5 FOUNTAIN 1		Lab ID: 70170677005	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	1600	ug/L	20.0	10		05/03/21 11:25	7440-50-8	
Lead	<1.0	ug/L	1.0	1		05/01/21 14:26	7439-92-1	

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Date: 05/03/2021 03:56 PM

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21

Pace Project No.: 70170677

Sample: 149-6 OUTLET 8		Lab ID: 70170677006	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	106	ug/L	2.0	1		05/01/21 14:27	7440-50-8	
Lead	1.5	ug/L	1.0	1		05/01/21 14:27	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-7 OUTLET 11		Lab ID: 70170677007	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	39.4	ug/L	2.0	1		05/01/21 14:28	7440-50-8	
Lead	12.0	ug/L	1.0	1		05/01/21 14:28	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-8 OUTLET 12		Lab ID: 70170677008	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	19.2	ug/L	2.0	1		05/01/21 14:31	7440-50-8	
Lead	1.1	ug/L	1.0	1		05/01/21 14:31	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-9 OUTLET 14		Lab ID: 70170677009	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	126	ug/L	2.0	1		05/01/21 14:36	7440-50-8	
Lead	2.4	ug/L	1.0	1		05/01/21 14:36	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-10 KITCHEN FAUCET 2		Lab ID: 70170677010	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	65.2	ug/L	2.0	1		05/01/21 14:37	7440-50-8	
Lead	<1.0	ug/L	1.0	1		05/01/21 14:37	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-11 KITCHEN FAUCET 1		Lab ID: 70170677011	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	33.8	ug/L	2.0	1		05/01/21 14:38	7440-50-8	
Lead	<1.0	ug/L	1.0	1		05/01/21 14:38	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-12 FOUNTAIN 2		Lab ID: 70170677012	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	793	ug/L	2.0	1		05/01/21 14:39	7440-50-8	
Lead	2.3	ug/L	1.0	1		05/01/21 14:39	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21

Pace Project No.: 70170677

Sample: 149-13 FOUTLET 15		Lab ID: 70170677013	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	90.6	ug/L	2.0	1		05/01/21 14:40	7440-50-8	
Lead	1.7	ug/L	1.0	1		05/01/21 14:40	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-14 FOUTLET 16		Lab ID: 70170677014	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	324	ug/L	2.0	1		05/01/21 14:41	7440-50-8	
Lead	4.4	ug/L	1.0	1		05/01/21 14:41	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Sample: 149-15 FOUTLET 17 Lab ID: 70170677015 Collected: 04/21/21 10:00 Received: 04/26/21 18:27 Matrix: Drinking Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Copper	40.4	ug/L	2.0	1		05/01/21 14:42	7440-50-8	
Lead	4.7	ug/L	1.0	1		05/01/21 14:42	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: THE LEAGUERS 4/21

Pace Project No.: 70170677

Sample: 149-16 FOUTLET 18		Lab ID: 70170677016	Collected: 04/21/21 10:00	Received: 04/26/21 18:27	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	33.9	ug/L	2.0	1		05/01/21 14:43	7440-50-8	
Lead	<1.0	ug/L	1.0	1		05/01/21 14:43	7439-92-1	

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QUALITY CONTROL DATA

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

QC Batch: 206543 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70170677001, 70170677002, 70170677003, 70170677004, 70170677005, 70170677006, 70170677007

METHOD BLANK: 1024860 Matrix: Water
Associated Lab Samples: 70170677001, 70170677002, 70170677003, 70170677004, 70170677005, 70170677006, 70170677007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	05/03/21 11:14	
Lead	ug/L	<1.0	1.0	05/03/21 11:14	

LABORATORY CONTROL SAMPLE: 1024861

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	46.7	93	85-115	
Lead	ug/L	50	49.9	100	85-115	

MATRIX SPIKE SAMPLE: 1024863

Parameter	Units	70170675005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	<2.0	50	49.5	98	70-130	
Lead	ug/L	<1.0	50	54.0	108	70-130	

MATRIX SPIKE SAMPLE: 1024865

Parameter	Units	70170676009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	95.0	50	139	88	70-130	
Lead	ug/L	<1.0	50	51.2	101	70-130	

SAMPLE DUPLICATE: 1024862

Parameter	Units	70170675005 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	<2.0	<2.0		
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1024864

Parameter	Units	70170676009 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	95.0	94.7	0	
Lead	ug/L	<1.0	<1.0		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

QC Batch: 206544 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70170677008, 70170677009, 70170677010, 70170677011, 70170677012, 70170677013, 70170677014, 70170677015, 70170677016

METHOD BLANK: 1024866 Matrix: Water
Associated Lab Samples: 70170677008, 70170677009, 70170677010, 70170677011, 70170677012, 70170677013, 70170677014, 70170677015, 70170677016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	05/01/21 14:29	
Lead	ug/L	<1.0	1.0	05/01/21 14:29	

LABORATORY CONTROL SAMPLE: 1024867

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	45.0	90	85-115	
Lead	ug/L	50	46.9	94	85-115	

MATRIX SPIKE SAMPLE: 1024869

Parameter	Units	70170677008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	19.2	50	64.0	90	70-130	
Lead	ug/L	1.1	50	50.7	99	70-130	

MATRIX SPIKE SAMPLE: 1024871

Parameter	Units	70170738002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	61.2	50	113	103	70-130	
Lead	ug/L	6.0	50	59.5	107	70-130	

SAMPLE DUPLICATE: 1024868

Parameter	Units	70170677008 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	19.2	19.3	1	
Lead	ug/L	1.1	1.1	0	

SAMPLE DUPLICATE: 1024870

Parameter	Units	70170738002 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	61.2	61.9	1	

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QUALITY CONTROL DATA

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

SAMPLE DUPLICATE: 1024870

Parameter	Units	70170738002 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	6.0	6.0	0	

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QUALIFIERS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 70170677001
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677002
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677003
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677004
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677005
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677006
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677007
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677008
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677009
[1] 149 SPRINGFIELD AVE., NEWARK, NJ

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QUALIFIERS

Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

SAMPLE QUALIFIERS

Sample: 70170677010
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677011
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677012
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677013
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677014
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677015
[1] 149 SPRINGFIELD AVE., NEWARK, NJ
Sample: 70170677016
[1] 149 SPRINGFIELD AVE., NEWARK, NJ

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Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

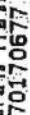
Project: THE LEAGUERS 4/21
Pace Project No.: 70170677

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70170677001	149-1 OUTLET 2	EPA 200.8	206543		
70170677002	149-2 OUTLET 3	EPA 200.8	206543		
70170677003	149-3 OUTLET 5	EPA 200.8	206543		
70170677004	149-4 OUTLET 7B	EPA 200.8	206543		
70170677005	149-5 FOUNTAIN 1	EPA 200.8	206543		
70170677006	149-6 OUTLET 8	EPA 200.8	206543		
70170677007	149-7 OUTLET 11	EPA 200.8	206543		
70170677008	149-8 OUTLET 12	EPA 200.8	206544		
70170677009	149-9 OUTLET 14	EPA 200.8	206544		
70170677010	149-10 KITCHEN FAUCET 2	EPA 200.8	206544		
70170677011	149-11 KITCHEN FAUCET 1	EPA 200.8	206544		
70170677012	149-12 FOUNTAIN 2	EPA 200.8	206544		
70170677013	149-13 FOUTLET 15	EPA 200.8	206544		
70170677014	149-14 FOUTLET 16	EPA 200.8	206544		
70170677015	149-15 FOUTLET 17	EPA 200.8	206544		
70170677016	149-16 FOUTLET 18	EPA 200.8	206544		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

[illegible]

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

NO#: 70170677

PM: KMM

Due Date: 05/04/21

CLIENT: MEC

[illegible]



Sample Condition Upon Receipt

WO#: 70170677

Client Name: Mandell Environmental

Proje

PM: KMM

Due Date: 05/04/21

CLIENT: MEC

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☒ Yes ☐ No Seals intact: ☒ Yes ☐ NoPacking Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ OtherThermometer Used: TH091 ☒Correction Factor: +0.0Cooler Temperature(°C): 3.7Cooler Temperature Corrected(°C): 3.7Temperature Blank Present: ☐ Yes ☒ NoType of Ice: Wet Blue None☒ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)Date and Initials of person examining contents: HA 4/26/21
1827Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ NoDid samples originate from a foreign source including Hawaii and Puerto Rico? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

COMMENTS:			
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10.
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	11.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: <u>SL WT OIL</u>			
All containers needing preservation have been checked?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	13.
pH paper Lot # <u>Hc 901495</u>			<input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
All containers needing preservation are found to be in compliance with method recommendation?			Sample #
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).			Initial when completed: Lot # of added preservative: Date/Time preservative added:
Per Method, VOA pH is checked after analysis			
Samples checked for dechlorination:	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
KI starch test strips Lot #			Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #			15.
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lead Acetate Strips Lot #			16.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):			

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

Attachment C - Drinking Water Outlet Inventory

(Complete for each school)

Name of School: THE LAGUARDS ITALD STATE Address: 149 SPRINGFIELD AVENUE
NEWARK NJ

Grade Levels: _____ Year School Constructed: _____ Renovated/Additions: _____

Individual school project officer Name/Signature: _____ Date Completed: _____

#	Type	Location	Code	Operational ¹ (Y/N)	Signs of Corrosion ³ (Y/N)	Filter ² (Y/N)	Brass Fittings, Faucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler Make Model	Co
1	IWF	MENS ROOM		Y	N	N	N	N	Y	N		
2		W		Y								
3		W		Y								
4		W		Y								
5		WOMENS ROOM		N								
6		W		Y								
7		W		Y								
8		CLASS-1		Y					N			
9		CLASS 2		Y					N			
10		BATH 1		Y					Y			
11		W		Y	Y	Y	Y	Y	Y	Y		

IWF - INDOOR WATER FOUNTAIN
WIF - WATER FOUNTAIN
WLC - WATER COOLER
F.P. - FOOD PREP

- ¹ Number outlets starting at the closest outlet to the Point of Entry (POE).
- ² Document if permanently or temporarily out of service on the Attachment B- Plumbing Profile.
- ³ Signs of corrosion detected, such as but not limited to frequent leaks, rust-colored water, or stained fixtures, dishes, or laundry.
- ⁴ Document on Attachment D- Filter Inventory.

Attachment C - Drinking Water Outlet Inventory

(Complete for each school)

Name of School: THE LANGUAGES ITAD STATE Address: 149 SPRINGFIELD AVENUE
NEWARK NJ

Grade Levels: _____ Year School Constructed: _____ Renovated/Additions: _____

Individual school project officer Name/Signature: _____

Date Completed: _____

#	Type	Location	Code	Operational ¹ (Y/N)	Signs of Corrosion ² (Y/N)	Filter ³ (Y/N)	Brass Fittings, Faucets or Valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler	Go
12	IWF	BATH 1		Y	N	N	N	N	N			
13		" "							N			
14		KITCHEN							N			
15		CLASS 3							N			
16		CLASS 4							N			
17		BATH 2							N			
18		" "							Y			
19		" "							Y			
20	↓	CLASS 5		Y	Y	Y	Y	Y	N			
F1	WF	HALL		Y	N	N	N	N	N			
F2	WF	GYM		N	Y	N	N	N	N			

IWF - INDOOR WATER FAULT

WF - WATER FAULT

WLC - WATER COOLER

¹ Number outlets starting at the closest outlet to the Point of Entry (POE).

² Document if permanently or temporarily out of service on the Attachment B- Plumbing Profile.

³ Signs of corrosion detected, such as but not limited to frequent leaks, rust-colored water, or stained fixtures, dishes, or laundry.

⁴ Document on Attachment D- Filter Inventory.

(Complete for each school)

Address: 149 Sparkfield Ave

NEWBOL- NJ

Date Completed:

305 W 210
E5 NY

- ⁴ Document on Attachment D-Filter Inventory.

Name of School: THE LAKERS HIGH SCHOOL Grade Levels: _____
Address: 149 SPAINFIELD AVENUE NEWARK NJ
Individual School Project Officer Signature: _____ Date: _____

Address: 149 SPRINGFIELD AVENUE NEWARK NJ

[illegible]

149 SPRINGFIELD AVE
NEWARK, NJ

Mandell Lead Inspectors, Inc
dba
MANDELL ENVIRONMENTAL
CONSULTING

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mandelllead@verizon.net * www.mandellenvironmental.com

