



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: 282 Elm Street, Newark, NJ
Date of Sampling: November 10, 2023

Limited water sampling was performed by Mandell Environmental Consulting at The Leaguers Head Start, 282 Elm Street, Newark, NJ. Water samples were collected from the kitchen sink faucet. 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 11/10/2023

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
282-1	Outlet 2	<1.0	103	ug/L	Neg.
282-2	Outlet 3	<1.0	72.2	ug/L	Neg.
282-3	Outlet 6/ Kitchen	<1.0	55.0	ug/L	Neg.
282-4	Outlet 4	<1.0	67.4	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 and copper 1,300 ug/L. 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: 11-30-2023



Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
516-370-6000

November 28, 2023

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

RE: Project: THE LEAGUERS 11/10
Pace Project No.: 70278351

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2023. 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
516-370-6052
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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Melville, NY 11747
516-370-6000

CERTIFICATIONS

Project: THE LEAGUERS 11/10
Pace Project No.: 70278351

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302

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ANALYTICAL RESULTS

Project: THE LEAGUERS 11/10

Pace Project No.: 70278351

Sample: 282-1 OUTLET # 2		Lab ID: 70278351001		Collected: 11/10/23 11:00		Received: 11/20/23 15:30		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	103	ug/L	2.0	1		11/27/23 15:25	7440-50-8		
Lead	<1.0	ug/L	1.0	1		11/27/23 15:25	7439-92-1		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: THE LEAGUERS 11/10

Pace Project No.: 70278351

Sample: 282-2 OUTLET # 3	Lab ID: 70278351002	Collected: 11/10/23 11:00	Received: 11/20/23 15:30	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	72.2	ug/L	2.0	1		11/27/23 15:26	7440-50-8	
Lead	<1.0	ug/L	1.0	1		11/27/23 15:26	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 11/10

Pace Project No.: 70278351

Sample: 282-3 OUTLET # 6 Lab ID: 70278351003 Collected: 11/10/23 11:00 Received: 11/20/23 15:30 Matrix: Drinking Water
KITCHEN

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	55.0	ug/L	2.0	1		11/27/23 15:28	7440-50-8	
Lead	<1.0	ug/L	1.0	1		11/27/23 15:28	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 11/10
Pace Project No.: 70278351

Sample: 282-4 OUTLET # 4		Lab ID: 70278351004	Collected: 11/10/23 11:00	Received: 11/20/23 15:30	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	67.4	ug/L	2.0	1		11/27/23 15:29	7440-50-8	
Lead	<1.0	ug/L	1.0	1		11/27/23 15:29	7439-92-1	

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QUALITY CONTROL DATA

Project: THE LEAGUERS 11/10

Pace Project No.: 70278351

QC Batch: 328784 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: 70278351001, 70278351002, 70278351003, 70278351004

METHOD BLANK: 1682422 Matrix: Water
Associated Lab Samples: 70278351001, 70278351002, 70278351003, 70278351004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	11/27/23 14:50	
Lead	ug/L	<1.0	1.0	11/27/23 14:50	

LABORATORY CONTROL SAMPLE: 1682423

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	46.3	93	85-115	
Lead	ug/L	50	48.0	96	85-115	

MATRIX SPIKE SAMPLE: 1682425

Parameter	Units	70278345007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	5.5	50	48.6	86	70-130	
Lead	ug/L	<1.0	50	45.9	92	70-130	

MATRIX SPIKE SAMPLE: 1682427

Parameter	Units	70278345008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	<2.0	50	47.1	94	70-130	
Lead	ug/L	<1.0	50	47.7	95	70-130	

SAMPLE DUPLICATE: 1682424

Parameter	Units	70278345007 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	5.5	5.5	0	
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1682426

Parameter	Units	70278345008 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	<2.0	<2.0		
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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QUALIFIERS

Project: THE LEAGUERS 11/10
Pace Project No.: 70278351

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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: THE LEAGUERS 11/10

Pace Project No.: 70278351

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70278351001	282-1 OUTLET # 2	EPA 200.8	328784		
70278351002	282-2 OUTLET # 3	EPA 200.8	328784		
70278351003	282-3 OUTLET # 6 KITCHEN	EPA 200.8	328784		
70278351004	282-4 OUTLET # 4	EPA 200.8	328784		

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70278351

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

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WO#: 70278351

Client Name:

MEC

Project #

PM: KMM

Due Date: 11/30/23

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

CLIENT: MEC

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Temperature Blank Present: ☐ Yes ☒ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziplo ☒ Non ☐ Other Type of Ice: Wet Blue None

Thermometer Used: TH11 Correction Factor: 4.3 ☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 2.6 Cooler Temperature Corrected (°C): 2.9 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil ☒ N/A, water sample

Did 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 ☒ No

Did samples originate from a foreign source including Hawaii and Puerto Rico? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (ENV-FRM-MELV-0076) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: MP 11/24

	COMMENTS:
Chain of Custody Present: ☒ Yes ☐ No	1.
Chain of Custody Filled Out: ☒ Yes ☐ No	2.
Chain of Custody Relinquished: ☒ Yes ☐ No	3.
Sampler Name & Signature on COC: ☒ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time: ☒ Yes ☐ No	5.
Short Hold Time Analysis (<72hr): ☐ Yes ☒ No	6.
Rush Turn Around Time Requested: ☐ Yes ☒ No	7.
Sufficient Volume: (Triple volume provided for MS/MSD) ☒ Yes ☐ No	8.
Correct Containers Used: ☒ Yes ☐ No	9.
-Pace Containers Used: ☒ Yes ☐ No	
Containers Intact: ☒ Yes ☐ No	10.
Filtered volume received for Dissolved tests: ☐ Yes ☐ No ☒ N/A	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC: ☒ Yes ☐ No	12.
-Includes date/time/ID/Analysis Matrix: SL WT OIL OTHER	

Date and Initials of person checking preservation: MLC 11/24

All containers needing preservation have been ☒ Yes ☐ No ☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot # 227822V	Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, ☒ Yes ☐ No ☐ N/A)	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).	
Per Method, VOA pH is checked after analysis	
Samples checked for dechlorination: ☐ Yes ☐ No ☒ N/A	Initial when completed: Lot # of added preservative: Date/Time preservative added:
KI starch test strips Lot #	14. Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	15. Positive for Sulfide? Y N
SM 4500 CN samples checked for sul ☐ Yes ☐ No ☒ N/A	
Lead Acetate Strips Lot #	16.
Headspace in VOA Vials (>6mm): ☐ Yes ☐ No ☒ N/A	17.
Trip Blank Present: ☐ Yes ☐ No ☒ N/A	
Trip Blank Custody Seals Present ☐ Yes ☐ No ☒ N/A	

DATE AND INITIALS OF PERSON COMPLETING SECOND REVIEW: MP 11/24/23

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.

(Complete for each school)

Name of School: The Ladwuns Head Street Address: 288 Elm Street Newark NJ

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

Individual school project officer Name/Signature:

Date Completed:

[illegible]

IWF = indoor water faucet

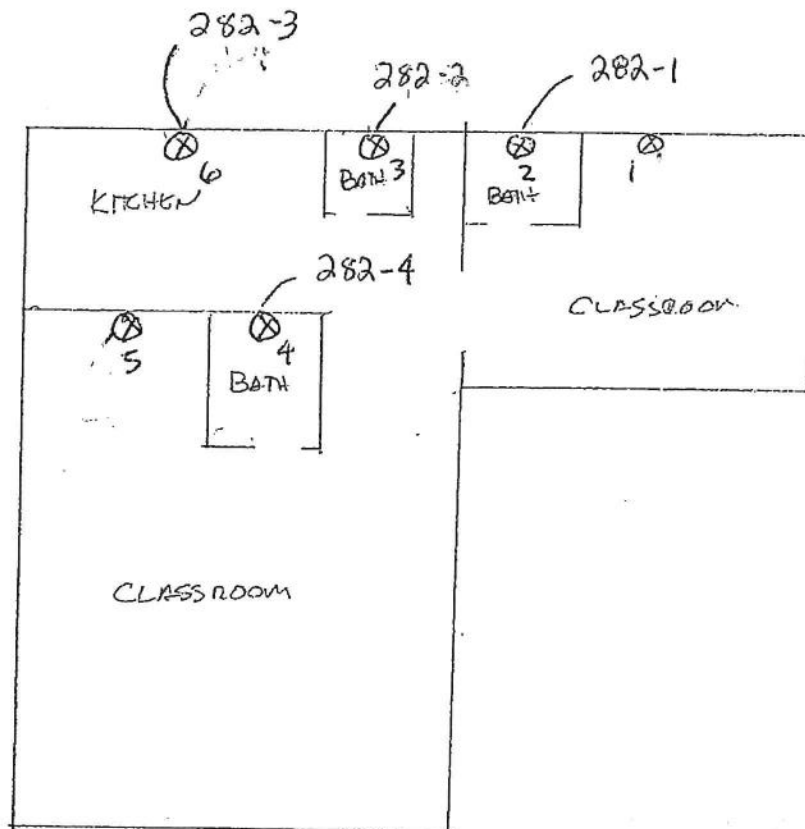
FP = FOOD PREPARATION

- 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.

Name of School: THE LEAGUES HOOD STREET Grade Levels: _____

Individual School Project Officer Signature: _____ Date: _____

[illegible]



282 ELM STREET
NEWARK NJ

Mandell Lead Inspectors, Inc

dba

**MANDELL ENVIRONMENTAL
CONSULTING**

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