



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: 750 Clinton Avenue, Newark, NJ

Date of Sampling: November 17, 2023 & December 7, 2023

Limited water sampling was performed by Mandell Environmental Consulting at The Leaguers Head Start, 750 Clinton Avenue, Newark, NJ. Water samples were collected from the water cooler and kitchen 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 11/17/2023

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
750-1	Water Cooler 1	<1.0	<2.0	Ug/L	Neg.
750-2	Outlet 2	3.1	48.4	Ug/L	Neg.
750-3	Outlet 3	3.8	49.3	Ug/L	Neg.
750-4	Outlet 5	3.7	199	Ug/L	Neg.
750-5	Outlet 7	2.5	81.8	Ug/L	Neg.
750-6	Outlet 9	3.5	71.5	Ug/L	Neg.
750-7	Outlet 10	26.2	204	Ug/L	Pos.
750-8	Water Cooler 2	<1.0	<2.0	Ug/L	Neg.
750-9	Outlet 11	3.3	78.8	Ug/L	Neg.

Sample Date 12/07/2023

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
750-1A	Outlet 10	2.5	16	Ug/L	Neg.

The laboratory results show that one of the samples exceeded the lead in drinking water action level of 15 ug/L . The samples were collected from outlet 10 in the lounge. The outlet is for hand washing only. Follow up flush sampling was performed and the result did not exceed the action level of 15 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: Dan Slack Date: 1-18-2024



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

January 10, 2024

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

RE: Project: 750-1A 12/7
Pace Project No.: 70283384

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on January 06, 2024. 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



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CERTIFICATIONS

Project: 750-1A 12/7
Pace Project No.: 70283384

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: 750-1A 12/7

Pace Project No.: 70283384

Sample: 750-1A OUTLET 10		Lab ID: 70283384001	Collected: 12/07/23 12:00	Received: 01/06/24 08:30	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	16.0	ug/L	2.0	1		01/10/24 13:35	7440-50-8	
Lead	2.5	ug/L	1.0	1		01/10/24 13:35	7439-92-1	

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QUALITY CONTROL DATA

Project: 750-1A 12/7

Pace Project No.: 70283384

QC Batch: 333375

QC Batch Method: EPA 200.8

Analysis Method: EPA 200.8

Analysis Description: 200.8 MET No Prep Drinking Water

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70283384001

METHOD BLANK: 1709692

Matrix: Water

Associated Lab Samples: 70283384001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	01/10/24 13:13	
Lead	ug/L	<1.0	1.0	01/10/24 13:13	

LABORATORY CONTROL SAMPLE: 1709693

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	50.5	101	85-115	
Lead	ug/L	50	49.5	99	85-115	

MATRIX SPIKE SAMPLE: 1709696

Parameter	Units	70283261004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	253	50	280	54	70-130	M1
Lead	ug/L	4.0	50	52.5	97	70-130	

MATRIX SPIKE SAMPLE: 1709698

Parameter	Units	70283261005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	22.7	50	66.3	87	70-130	
Lead	ug/L	<1.0	50	49.2	97	70-130	

SAMPLE DUPLICATE: 1709695

Parameter	Units	70283261004 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	253	251	0	
Lead	ug/L	4.0	3.9	1	

SAMPLE DUPLICATE: 1709697

Parameter	Units	70283261005 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	22.7	22.6	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: 750-1A 12/7
Pace Project No.: 70283384

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.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 750-1A 12/7
Pace Project No.: 70283384

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70283384001	750-1A OUTLET 10	EPA 200.8	333375		

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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][illegible]

MO#: 70283384

ORIGINAL

SIGNATURE OF SAMPLER: [Signature]
DATE SIGNED
(MM/DD/YY): 12-7-23

MO#: 70283384

Client Name: MEC
Project#: PM: KMM
Due Date: 01/15/24
CLIENT: MEC

Tracking #: _____
Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Parcel ☐ Other
Custody Seal on Cooler Box Present: ☐ Yes ☒ No ☐ Seals Intact: ☐ Yes ☒ No ☐ Temperature Blank Present: ☐ Yes ☒ No
Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Ziploc ☐ None ☐ Other
Thermometer Used: ☒ Yes ☐ No
Correction Factor: ☒ 1.4
Cooler Temperature (°C): ☒ 2
Cooler Temperature Corrected (°C): ☒ 2
Temp should be above freezing to 5.0°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-0026) and include with SCUR/COC paperwork.

Date and Initials of person examining contents: AD16/24
COMMENTS:
1. Chain of Custody Present: ☒ Yes ☐ No
2. Chain of Custody Filled Out: ☒ Yes ☐ No
3. Chain of Custody Relinquished: ☒ Yes ☐ No
4. Sampler Name & Signature on COC: ☒ Yes ☐ No
5. Samples Arrived within Hold Time: ☒ Yes ☐ No
6. Short Hold Time Analysis (<72hr): ☒ Yes ☐ No
7. Rush Turn Around Time Requested: ☒ Yes ☐ No
8. Sufficient Volume: (Triple volume provided for MS/MSD) ☒ Yes ☐ No
9. Correct Containers Used: ☒ Yes ☐ No
10. -Pace Containers Used: ☒ Yes ☐ No
11. Containers Intact: ☒ Yes ☐ No
12. Filled volume received for Dissolved tests: ☒ Yes ☐ No
13. Sample Labels match COC: ☒ Yes ☐ No
14. Matrix: ☒ SLURRY ☐ OIL ☐ OTHER
15. Includes date/time/ID/analysis: ☒ Yes ☐ No
Date and Initials of person checking preservation: AD16/24

All containers needing preservation have been pH paper Lot # 713623V
All containers needing preservation are found to be in compliance with method recommendation? ☒ Yes ☐ No
(HNO₃, H₂SO₄, HCl, NaOH > 9 Sulfide, ☒ Yes ☐ No
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/015 (water), Per Method, VOA pH is checked after analysis
Samples checked for dechlorination: ☒ Yes ☐ No
KI starch test strips Lot # ENTV
Residual chlorine strips Lot # ENTV
SM 4500 CN samples checked for sul ☒ Yes ☐ No
Lead Acetate Strips Lot # ENTV
Headspace in VOA Vials (>6mm): ☒ Yes ☐ No
Trip Blank Present: ☒ Yes ☐ No
Trip Blank Custody Seals Present: ☒ Yes ☐ No
DATE AND INITIALS OF PERSON COMPLETING SECOND REVIEW: AS11/10/24
Client Notification/Resolution: _____
Person Contacted: _____
Comments/Resolution: _____
Field Data Required? ☒ Yes ☐ No
Date/Time: _____



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 HEAD START 11/17
Pace Project No.: 70278362

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



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CERTIFICATIONS

Project: THE LEAGUERS HEAD START 11/17
Pace Project No.: 70278362

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 HEAD START 11/17

Pace Project No.: 70278362

Sample: 750-1 WATER COOLER 1		Lab ID: 70278362001	Collected: 11/17/23 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	<2.0	ug/L	2.0	1		11/27/23 15:35	7440-50-8	
Lead	<1.0	ug/L	1.0	1		11/27/23 15:35	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

Sample: 750-2 OUTLET 2 Lab ID: 70278362002 Collected: 11/17/23 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	48.4	ug/L	2.0	1		11/27/23 15:37	7440-50-8	
Lead	3.1	ug/L	1.0	1		11/27/23 15:37	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

Sample: 750-3 OUTLET 3		Lab ID: 70278362003	Collected: 11/17/23 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	49.3	ug/L	2.0	1		11/27/23 13:57	7440-50-8	
Lead	3.8	ug/L	1.0	1		11/27/23 13:57	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

Sample: 750-4 OUTLET 5		Lab ID: 70278362004	Collected: 11/17/23 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	199	ug/L	2.0	1		11/27/23 14:02	7440-50-8	D6,M1
Lead	3.7	ug/L	1.0	1		11/27/23 14:02	7439-92-1	D6

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ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

Sample: 750-5 OUTLET 7		Lab ID: 70278362005	Collected: 11/17/23 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	81.8	ug/L	2.0	1		11/27/23 14:06	7440-50-8	
Lead	2.5	ug/L	1.0	1		11/27/23 14:06	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

Sample: 750-6 OUTLET 9		Lab ID: 70278362006	Collected: 11/17/23 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	71.5	ug/L	2.0	1		11/27/23 14:08	7440-50-8	
Lead	3.5	ug/L	1.0	1		11/27/23 14:08	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

Sample: 750-7 OUTLET 10		Lab ID: 70278362007	Collected: 11/17/23 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	204	ug/L	2.0	1		11/27/23 14:12	7440-50-8	
Lead	26.2	ug/L	1.0	1		11/27/23 14:12	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 11/17
Pace Project No.: 70278362

Sample: 750-8 WATER COOLER 2 Lab ID: 70278362008 Collected: 11/17/23 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	<2.0	ug/L	2.0	1		11/27/23 14:14	7440-50-8	
Lead	<1.0	ug/L	1.0	1		11/27/23 14:14	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

Sample: 750-9 OUTLET 11 Lab ID: 70278362009 Collected: 11/17/23 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	78.8	ug/L	2.0	1		11/27/23 14:16	7440-50-8	
Lead	3.3	ug/L	1.0	1		11/27/23 14:16	7439-92-1	

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QUALITY CONTROL DATA

Project: THE LEAGUERS HEAD START 11/17
Pace Project No.: 70278362

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: 70278362001, 70278362002

METHOD BLANK: 1682422 Matrix: Water
Associated Lab Samples: 70278362001, 70278362002

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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QUALITY CONTROL DATA

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

QC Batch: 328785

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: 70278362003, 70278362004, 70278362005, 70278362006, 70278362007, 70278362008, 70278362009

METHOD BLANK: 1682428

Matrix: Water

Associated Lab Samples: 70278362003, 70278362004, 70278362005, 70278362006, 70278362007, 70278362008, 70278362009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	11/27/23 13:54	
Lead	ug/L	<1.0	1.0	11/27/23 13:54	

LABORATORY CONTROL SAMPLE: 1682429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	44.5	89	85-115	
Lead	ug/L	50	47.3	95	85-115	

MATRIX SPIKE SAMPLE: 1682431

Parameter	Units	70278362003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	49.3	50	92.9	87	70-130	
Lead	ug/L	3.8	50	52.9	98	70-130	

MATRIX SPIKE SAMPLE: 1682433

Parameter	Units	70278362004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	199	50	123	-152	70-130	M1
Lead	ug/L	3.7	50	52.0	97	70-130	

SAMPLE DUPLICATE: 1682430

Parameter	Units	70278362003 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	49.3	49.3	0	
Lead	ug/L	3.8	3.9	2	

SAMPLE DUPLICATE: 1682432

Parameter	Units	70278362004 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	199	81.3	84	D6
Lead	ug/L	3.7	2.5	39	D6

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.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

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.

ANALYTE QUALIFIERS

D6 The precision between the sample and sample duplicate exceeded laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: THE LEAGUERS HEAD START 11/17

Pace Project No.: 70278362

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70278362001	750-1 WATER COOLER 1	EPA 200.8	328784		
70278362002	750-2 OUTLET 2	EPA 200.8	328784		
70278362003	750-3 OUTLET 3	EPA 200.8	328785		
70278362004	750-4 OUTLET 5	EPA 200.8	328785		
70278362005	750-5 OUTLET 7	EPA 200.8	328785		
70278362006	750-6 OUTLET 9	EPA 200.8	328785		
70278362007	750-7 OUTLET 10	EPA 200.8	328785		
70278362008	750-8 WATER COOLER 2	EPA 200.8	328785		
70278362009	750-9 OUTLET 11	EPA 200.8	328785		

REPORT OF LABORATORY ANALYSIS

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WO#: 70278362

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 ☐ Ziploc ☒ None ☐ Other Type of Ice: ☒ Wet ☐ Blue ☐ None

Thermometer Used: TH11 Correction Factor: 0.3 ☐ 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

Tamp 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	10.
Containers Intact: ☒ Yes ☐ No	11.
Filtered volume received for Dissolved tests ☐ Yes ☐ No ☒ N/A	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: MP 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	14.
KI starch test strips Lot #	Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	15.
SM 4500 CN samples checked for sul ☐ Yes ☐ No ☒ N/A	Positive for Sulfide? Y N
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

Client Notification/ Resolution:

Person Contacted:

Comments/ Resolution:

Field Data Required? Y I N

Date/Time:

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

Attachment C - Drinking Water Outlet Inventory (Complete for each school)

Name of School: The Laureates Head Start Address: 750 CLINTON AVE, NEWARK NJ

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

Individual school project officer Name/Signature: _____

Date Completed: _____

#	Type	Location	Code	Operational (Y/N)	Signs of Corrosion (Y/N)	Filter (Y/N)	Brass Fittings, Faucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler	
											Make	Model
1	IWF	1FL BATH		Y	2	2	Y		2	2		
2		" "										
3		1FL BATH A										
4		" "										
5		" "										
6		2FL BATH										
7		" "										
8		2FL BATH A										
9		" "										
10		2FL LANGE										
11	↓	2FL KITCHEN										

WC - WATER COOLER IWF INDOOR WATER FAUCET
WF - WATER FOUNTAIN

- 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)

HEAD START

Renovated/Additions:

Date Completed:

WC - WATER COOLER
WF - WATER FOUNTAIN
IW - INDOOR WATER FOUNTAIN

- 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.

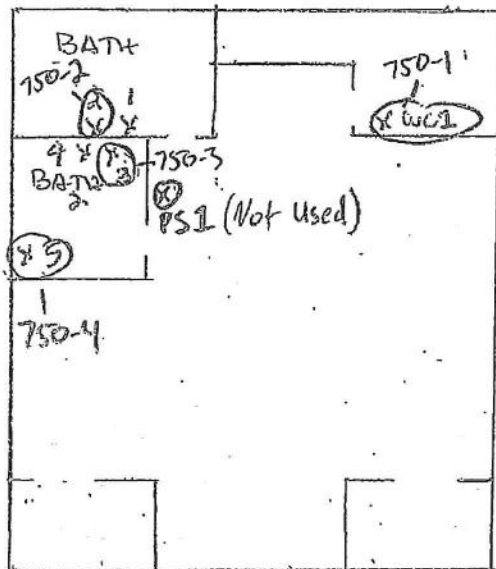
Attachment D - Filter Inventory (Complete for each school)

Name of School: THE LOGGERS HEAD START Grade Levels: _____

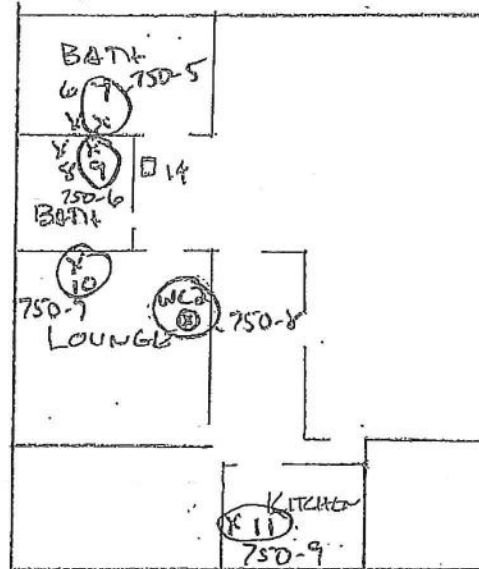
Address: 750 CLINTON AVE, NEWARK NJ

Individual School Project Officer Signature: _____ Date: _____

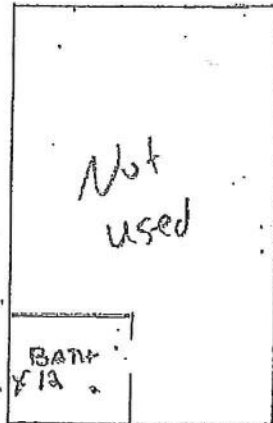
[illegible]



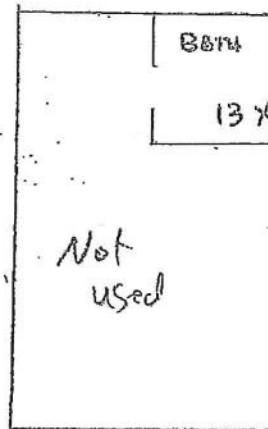
1FL



2FL



ANNEX 1



ANNEX 2

750 CLINTON AVE
NEWARK, NJ

Mandell Lead Inspectors, Inc

dba

MANDELL ENVIRONMENTAL
CONSULTING

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