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:			License ID:
The Leaguers, Inc. Head Start Program			07LEA007
Site Address of Center:	Building # and Street: 750 Clinton Avenue	Municipality: Newark	County: Essex
Sponsor/Sponsor Representative: Helen Grace-Fields	Phone Number: (973) 643-0300	Email: helen_grace@theleaguers.org	

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

Sampling Date(s):	October 9, 2020
1. ■YES ☐NO	Does the center have a signed contract with a New Jersey Certified Drinking Water Laboratory for lead & copper analysis?
2. ■YES ☐NO	Is there an onsite water outlet assessment in accordance with technical guidance?
3. ☐YES ☐NO	Is there a floor plan in accordance with technical guidance?
4. ■YES ☐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. ■YES ☐NO Sample Date:	Were at least 50% of all indoor water faucets utilized by the center sampled?
6. ■YES ☐NO	Does the child care center have the chain of custody and analytical reports for all drinking water outlets sampled? **Please attach copies.**
7. ■YES ☐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. ■YES ☐NO	Were all samples taken after the water sat undisturbed in pipes for at least 8 hours but no more than 48 hours?
9. ■YES ☐NO	Were samples collected in pre-cleaned high density polyethylene (HDPE) 250 ml wide mouth single use rigid sample containers?
10. ■YES ☐NO	Were all existing aerators, screens, and filters left in place prior to and during the sampling event?
11. ■YES ☐NO	Were only cold water samples collected?
12. ■YES ☐NO	Did no pre-stagnant flushing take place unless the outlet deviated from normal use and documented on flushing log?
13. ■YES ☐NO	Was all point of use treatment on outlets, such as filters, documented?
14. ■YES ☐NO	Did any result exceed the action level for lead (.015 µg/L) or copper (1.3 µg/L)?
15. ■YES ☐NO ☐N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1500 µg/L) was use of all drinking water outlets immediately discontinued?
16. ■YES ☐NO ☐N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1500 µg/L) was bottled water provided for drinking and food preparation?
17. ■YES ☐NO ☐N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1500 µg/L) were signs posted to indicate that the outlets are not to be used for drinking or food preparation?
18. ■YES ☐NO ☐N/A	Did all drinking water outlets with a result that exceeded the action level for lead (15 µg/L) or copper (1500 µg/L) have a follow-up flush sample conducted?

19. ☐YES ☑NO	If a result exceeded the action level for lead (15 µg/L) or copper (1500 µg/L) was the local health office notified of results?
20. ☐YES ☑NO ☐N/A	If any of the results exceeded the action level for lead (15 µg/L) or copper (1500 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. ☐YES ☑NO ☐N/A	Were any drinking water outlets or potable plumbing replaced or repaired as a remedy for an action level exceedance?
22. ☐YES ☐NO ☑N/A Sample Date:	If any drinking water outlet or potable plumbing was replaced or repaired, were additional samples collected after installation?
23. ☐YES ☐NO ☑N/A	Was any chemical treatment unit or process installed to remedy an action level exceedance (e.g., corrosion control treatment)?
24. ☐YES ☐NO ☑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. ☐YES ☐NO ☑N/A	Was a mechanical process implemented to remedy an action level exceedance (e.g., flushing program)?
26. ☐YES ☐NO ☑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. ☐YES ☐NO ☑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:	Helen Grace-Fields Digitally signed by Helen Grace-Fields Date: 2020.12.23 12:38:03 -05'00'
Signature Date:	12/23/2020

DRINKING WATER TESTING RESOURCES

List of NJ Certified Laboratories:
https://www13.state.nj.us/DataMiner/Search/SearchByCategory?isExternal=y&getCategory=y&catName=Certified+Laboratories

Drinking Water Outlet Inventory Form:
http://www.nj.gov/dep/watersupply/doc/SP_Attachment%20C.docx

Types of Water Outlets:
https://www.epa.gov/dwreginfo/3ts-reducing-lead-drinking-water-testing

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

Sample Collection Vignette:
http://www.nj.gov/dep/watersupply/pdf/quickref.pdf

Pre Stagnation Flushing Log:
http://www.nj.gov/dep/watersupply/doc/SP_Attachment%20E.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

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:** 07LEA007
Site Address *(Building # and Street)*: 750 Clint	
Municipality: Newark	**County:** Essex
Sponsor/Sponsor Representative: Helen Grace-Fields	**Phone #:** 973-643-0300
Sponsor/Sponsor Representative Email: helen_gra	
Additional Contact Person:	**Phone #:** 973-643-0300 x 201
Title: CEO/Execu	**Email:** Leaguers281@aol.com

1. The center, as decribed 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 decsribed 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)	Helern Grace-Fields
Signature:	*Helen Grace-Fields*
Signature Date:	12/23/2020

Mandell Lead Inspectors, Inc
MLI
dba

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: June 25, 2020, August 6, 2020, October 9, 2020

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 06/25/2020

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
C-1	Water Cooler 1	<1.0	<2.0	Ug/L	Neg.
C-2	**Outlet 1**	**19.0**	**81.6**	**Ug/L**	**Pos.**
C-3	**Outlet 4**	**18.0**	**85.0**	**Ug/L**	**Pos.**
C-4	Outlet 6	10.6	79.4	Ug/L	Neg.
C-5	Outlet 8	14.2	76.3	Ug/L	Neg.
C-6	**Outlet 10**	**205**	**417**	**Ug/L**	**Pos.**
C-7	Water Cooler 2	<1.0	<2.0	Ug/L	Neg.
C-8	Outlet 11	4.7	57.2	Ug/L	Neg.
C-9	Outlet 12	<1.0	31.6	Ug/L	Neg.
C-10	Outlet 13	<1.0	16.0	Ug/L	Neg.

Sample Date 08/06/2020

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
C-1	**Outlet 1**	**104**	**159**	**Ug/L**	**Pos.**
C-2	**Outlet 4**	**30.9**	**122**	**Ug/L**	**Pos.**
C-3	**Outlet 10**	**1100**	**1010**	**Ug/L**	**Pos.**
C-4	Outlet 1 Flush	6.6	12.5	Ug/L	Neg.

Sample Date 10/09/2020

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
C-1	**Outlet 1**	**24.3**	**150**	**Ug/L**	**Pos.**
C-2	Outlet 4	12.8	111	Ug/L	Neg.
C-3	**Outlet 10**	**48.9**	**159**	**Ug/L**	**Pos.**

The laboratory results show that some of the samples were found to exceed the lead in drinking water action level of 15 ug/L and copper 1,300 ug/L. The outlets with elevated levels are not used for drinking water. The City of Newark is in the process of replacing lead service lines. Water filters are being installed on the outlets. Sampling forms and diagram are attached.

Sampling Performed by:

Stuart Casciano
NJ Lead Inspector/Risk Assessor
Mandell Environmental Consulting
409 Minnisink Road, Suite 102
Totowa, NJ 07512

Signed: _____ Date: 12-1-2011

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

July 21, 2020

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

RE: Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on July 07, 2020. 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,

Jennifer Aracri
jennifer.aracri@pacelabs.com
(631)694-3040
Project Manager

Enclosures

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

CERTIFICATIONS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

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

ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-1 WATER COOLER 1 **Lab ID: 70137170001** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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		07/20/20 15:20	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		07/20/20 15:20	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-2 OUTLET 1 **Lab ID: 70137170002** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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	**81.6**	ug/L	2.0	1		07/20/20 15:21	7440-50-8	
Lead	**19.0**	ug/L	1.0	1		07/20/20 15:21	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-3 OUTLET 4 **Lab ID: 70137170003** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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	**85.0**	ug/L	2.0	1		07/20/20 15:22	7440-50-8	
Lead	**18.0**	ug/L	1.0	1		07/20/20 15:22	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-4 OUTLET 6 **Lab ID: 70137170004** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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	**79.4**	ug/L	2.0	1		07/20/20 15:23	7440-50-8	
Lead	**10.6**	ug/L	1.0	1		07/20/20 15:23	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-5 OUTLET 8 **Lab ID: 70137170005** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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	76.3	ug/L	2.0	1		07/20/20 15:24	7440-50-8	
Lead	14.2	ug/L	1.0	1		07/20/20 15:24	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-6 OUTLET 10 **Lab ID: 70137170006** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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	**417**	ug/L	2.0	1		07/20/20 15:25	7440-50-8	
Lead	**205**	ug/L	1.0	1		07/20/20 15:25	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-7 WATER COOLER 2 **Lab ID: 70137170007** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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		07/20/20 15:26	7440-50-8	
Lead	<1.0	ug/L	1.0	1		07/20/20 15:26	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-8 OUTLET 11 **Lab ID: 70137170008** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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	**57.2**	ug/L	2.0	1		07/20/20 15:29	7440-50-8	
Lead	**4.7**	ug/L	1.0	1		07/20/20 15:29	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-9 OUTLET 12 Lab ID: **70137170009** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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	**31.6**	ug/L	2.0	1		07/20/20 15:31	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		07/20/20 15:31	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Sample: C-10 OUTLET 13 **Lab ID: 70137170010** Collected: 06/25/20 11:00 Received: 07/07/20 15:20 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		07/20/20 15:32	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		07/20/20 15:32	7439-92-1	

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QUALITY CONTROL DATA

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

QC Batch: 169223
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: 70137170001, 70137170002, 70137170003, 70137170004, 70137170005, 70137170006, 70137170007, 70137170008, 70137170009, 70137170010

METHOD BLANK: 817995
Matrix: Water
Associated Lab Samples: 70137170001, 70137170002, 70137170003, 70137170004, 70137170005, 70137170006, 70137170007, 70137170008, 70137170009, 70137170010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	07/20/20 15:11	
Lead	ug/L	<1.0	1.0	07/20/20 15:11	

LABORATORY CONTROL SAMPLE: 817996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	51.8	104	85-115	
Lead	ug/L	50	54.8	110	85-115	

MATRIX SPIKE SAMPLE: 817998

Parameter	Units	70137168001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	316	50	359	85	70-130	
Lead	ug/L	<1.0	4	5.5	118	70-130	

MATRIX SPIKE SAMPLE: 818000

Parameter	Units	70137170007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	<2.0	50	54.6	109	70-130	
Lead	ug/L	<1.0	4	5.0	118	70-130	

SAMPLE DUPLICATE: 817997

Parameter	Units	70137168001 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	316	311	2	
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 817999

Parameter	Units	70137170007 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	<2.0	<2.0		

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 LEAGURES HEAD START 6/25
Pace Project No.: 70137170

SAMPLE DUPLICATE: 817999

Parameter	Units	70137170007 Result	Dup Result	RPD	Qualifiers
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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575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: THE LEAGURES HEAD START 6/25
Pace Project No.: 70137170

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70137170001	C-1 WATER COOLER 1	EPA 200.8	169223		
70137170002	C-2 OUTLET 1	EPA 200.8	169223		
70137170003	C-3 OUTLET 4	EPA 200.8	169223		
70137170004	C-4 OUTLET 6	EPA 200.8	169223		
70137170005	C-5 OUTLET 8	EPA 200.8	169223		
70137170006	C-6 OUTLET 10	EPA 200.8	169223		
70137170007	C-7 WATER COOLER 2	EPA 200.8	169223		
70137170008	C-8 OUTLET 11	EPA 200.8	169223		
70137170009	C-9 OUTLET 12	EPA 200.8	169223		
70137170010	C-10 OUTLET 13	EPA 200.8	169223		

Pace Analytical
www.pacelabs.com

WO#: 70137170

CHAIN-OF-CUS
The Chain-of-Custody is a L

70137170

Page: 1 of 1

2054211

Section A. Required Client Information:
Company: MANDELL ENVIRONMENTAL
Address: 409 MINISINK ROAD
SUITE 102, TOTOWA, NJ 07512
Email To: MANDELLLAB@VERIZON.NET
Phone: 973-785-8574 Fax: 973-785-8561
Requested Due Date/TAT: 5 DAY

Section B Required Project Information:
Report To: MANDELL ENV.
Copy To:
Purchase Order No.:
Project Name: THE LOAGUDES HOOD START
Project Number: 750 CLINTON AVE NEWARK NJ

Section C Invoice Information:
Attention:
Company Name: MANDELL ENV.
Address: SAME
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER
Site Location STATE: NJ

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ (Y/N)	LEAD	COPPER	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	C-1 WATER COOLER 1	DW	G	6-25-20		11:00 AM			1			✓							✓	✓		
2	C-2 OUTLET 1								1			✓							✓	✓		
3	C-3 OUTLET 4								1			✓							✓	✓		
4	C-4 OUTLET 6								1			✓							✓	✓		
5	C-5 OUTLET 8								1			✓							✓	✓		
6	C-6 OUTLET 10								1			✓							✓	✓		
7	C-7 WATER COOLER 2								1			✓							✓	✓		
8	C-8 OUTLET 11								1			✓							✓	✓		
9	C-9 OUTLET 12								1			✓							✓	✓		
10	C-10 OUTLET 13								1			✓							✓	✓		
11									1			✓							✓	✓		
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		7-6-2020			7-7-20	1245				
		7-7-20	15:21		7/7/20	15:20	20.1	N		

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: SINAN CASCINO
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY): 6-30-2020

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

Sample Condition Upon Receipt

Client Name: Project

WO#: 70137170

PM: JSA Due Date: 07/21/20

CLIENT: MEC

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

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: TH091 Correction Factor: +0.4

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 20.1 Cooler Temperature Corrected (°C): 20.5

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: HOR 7/7/20

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 orignate from a foreign source (internationally, 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:	☑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				
All containers needing preservation have been checked	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC904495				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☑Yes	☐No	☐N/A	Sample #
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	15.
Trip Blank Present:	☐Yes	☐No	☑N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

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

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

September 14, 2020

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

RE: Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on September 09, 2020. 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 - Ormond Beach

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

Sincerely,

Kimberley Mack

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

Enclosures

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

CERTIFICATIONS

Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

Pace Analytical Services Ormond Beach
8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Arizona Certification# AZ0819
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maryland Certification: #346
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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

SAMPLE ANALYTE COUNT

Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70145154001	L-1 OUTLET 1	EPA 200.8	LEC	2	PASI-O
70145154002	L-2 OUTLET 4	EPA 200.8	LEC	2	PASI-O
70145154003	L-3 OUTLET 10	EPA 200.8	AMS	2	PASI-O
70145154004	L-4 OUTLET 1 (FLUSH)	EPA 200.8	LEC	2	PASI-O

PASI-O = Pace Analytical Services - Ormond Beach

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

ANALYTICAL RESULTS

Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

Sample: L-1 OUTLET 1 **Lab ID: 70145154001** Collected: 08/06/20 12:30 Received: 09/09/20 10:45 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 Preparation Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Copper	**159**	ug/L	1.0	1	09/12/20 00:02	09/13/20 16:41	7440-50-8	
Lead	**104**	ug/L	1.0	1	09/12/20 00:02	09/13/20 16:41	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

Sample: L-2 OUTLET 4 **Lab ID: 70145154002** Collected: 08/06/20 12:30 Received: 09/09/20 10:45 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 Preparation Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Copper	**122**	ug/L	1.0	1	09/12/20 00:02	09/13/20 16:43	7440-50-8	
Lead	**30.9**	ug/L	1.0	1	09/12/20 00:02	09/13/20 16:43	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

Sample: L-3 OUTLET 10 **Lab ID: 70145154003** Collected: 08/06/20 12:30 Received: 09/09/20 10:45 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 Preparation Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Copper	**1010**	ug/L	10.0	10	09/12/20 00:02	09/14/20 11:33	7440-50-8	
Lead	**1100**	ug/L	10.0	10	09/12/20 00:02	09/14/20 11:33	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

Sample: L-4 OUTLET 1 (FLUSH) **Lab ID: 70145154004** Collected: 08/06/20 12:30 Received: 09/09/20 10:45 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 Preparation Method: EPA 200.8 Pace Analytical Services - Ormond Beach							
Copper	**12.5**	ug/L	1.0	1	09/12/20 00:02	09/13/20 16:46	7440-50-8	
Lead	**6.6**	ug/L	1.0	1	09/12/20 00:02	09/13/20 16:46	7439-92-1	

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(631)694-3040

QUALITY CONTROL DATA

Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

QC Batch: 664800
QC Batch Method: EPA 200.8
Analysis Method: EPA 200.8
Analysis Description: 200.8 MET Drinking Water
Laboratory: Pace Analytical Services - Ormond Beach
Associated Lab Samples: 70145154001, 70145154002, 70145154003, 70145154004

METHOD BLANK: 3616116 Matrix: Water
Associated Lab Samples: 70145154001, 70145154002, 70145154003, 70145154004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<1.0	1.0	09/14/20 11:31	
Lead	ug/L	<1.0	1.0	09/14/20 11:31	

LABORATORY CONTROL SAMPLE: 3616117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	50.4	101	85-115	
Lead	ug/L	50	51.4	103	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3616118 3616119

Parameter	Units	35575741001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Copper	ug/L	0.011 mg/L	50	50	62.3	61.6	103	101	70-130	1	
Lead	ug/L	0.00070 J mg/L	50	50	51.7	51.6	102	102	70-130	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3616120 3616121

Parameter	Units	70145155010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Copper	ug/L	318	50	50	366	366	96	95	70-130	0	
Lead	ug/L	1.3	50	50	52.7	51.8	103	101	70-130	2	

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.

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

QUALIFIERS

Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: THE LAGUERS HEAD START 8/6
Pace Project No.: 70145154

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70145154001	L-1 OUTLET 1	EPA 200.8	664800	EPA 200.8	664817
70145154002	L-2 OUTLET 4	EPA 200.8	664800	EPA 200.8	664817
70145154003	L-3 OUTLET 10	EPA 200.8	664800	EPA 200.8	664817
70145154004	L-4 OUTLET 1 (FLUSH)	EPA 200.8	664800	EPA 200.8	664817

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Docu

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

WO# : 70145154

70145154

Section A.
Required Client Information:

Company: MANDELL ENVIRONMENTAL
Address: 409 MANUSINK ROAD
SUITE 102, TOTOWA, NJ 07512
Email To: MANDELLLDAD@YAHOO.COM
Phone: 973-785-7574 Fax: 973-785-0561
Requested Due Date/TAT: 5 DAY

Section B
Required Project Information:

Report To: MANDELL ENV.
Copy To:
Purchase Order No.:
Project Name: THE LOGUES 1000 STREET
Project Number: 750 CENTER AVE NEWARK NJ.

Section C
Invoice Information:

Attention:
Company Name: MANDELL ENV.
Address: SAME
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NJ

Section D
Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (use valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ Y/N	Analysis Test ↓	Residual Chlorine (Y/N)	Paco Project No./ Lab I.D.
1	L-1 OUTLET 1	DW	G	9-6-20	12:30 PM				1			✓							LEAD		
2	L-2 OUTLET 4	DW	G						1			✓							COPPER		
3	L-3 OUTLET 10	DW	G						1			✓							✓ ✓		
4	L-4 OUTLET 1 (FLUSH)	DW	G						1			✓							✓ ✓		
5									1			✓							✓ ✓		
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	[signature]	9/8/20		[signature]	9/8/20	1230			
	[signature]	9/8/20	1630	[signature] / Pace	9/9/20	10:45	1.3	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: SAINT CASIANO
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 8-31-20

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

Sample Condition Upon Receipt

Client Name: Mandel

Proj WO#: 70145154

PM: KMM Due Date: 09/23/20

CLIENT: MEC

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

Tracking #: 7714 6322 0299

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☑ No

Temperature Blank Present: ☐ Yes ☑ No

Type of Ice: (Wet) Blue None

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

☐ Samples on ice, cooling process has begun

Thermometer Used: (TH091) Correction Factor: +0.4

Cooler Temperature (°C): 1.3 Cooler Temperature Corrected (°C): 1.7

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

Date and Initials of person examining contents: 9/9/20 JP

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 (internationally, 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:	☑ 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				
All containers needing preservation have been checked	☑ Yes	☐ No	☐ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC998032				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑ Yes	☐ No	☐ N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☐ No	☐ N/A	15.
Trip Blank Present:	☐ Yes	☐ No	☐ N/A	16.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if applicable): _____				Field Data Required? Y / N

Client Notification/ Resolution: Date/Time: _____

Person Contacted: _____

Comments/ Resolution: _____

F-LI-C-002-rev.02

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

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

November 12, 2020

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

RE: Project: THE LEAGUERS HEAD START 10/9
Pace Project No.: 70151830

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on November 03, 2020. 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 Mack

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

Enclosures

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

CERTIFICATIONS

Project: THE LEAGUERS HEAD START 10/9
Pace Project No.: 70151830

Pace Analytical Services Long Island
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

Pace Analytical®
www.pacelabs.com

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

ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 10/9
Pace Project No.: 70151830

Sample: L-1 OUTLET 1 **Lab ID: 70151830001** Collected: 10/09/20 10:10 Received: 11/03/20 10:35 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	**150**	ug/L	2.0	1		11/11/20 19:38	7440-50-8	
Lead	**24.3**	ug/L	1.0	1		11/11/20 19:38	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 10/9
Pace Project No.: 70151830

Sample: L-2 OUTLET 4 **Lab ID: 70151830002** Collected: 10/09/20 10:12 Received: 11/03/20 10:35 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	**111**	ug/L	2.0	1		11/11/20 19:40	7440-50-8	
Lead	**12.8**	ug/L	1.0	1		11/11/20 19:40	7439-92-1	

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
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ANALYTICAL RESULTS

Project: THE LEAGUERS HEAD START 10/9
Pace Project No.: 70151830

Sample: L-3 OUTLET 10 **Lab ID: 70151830003** Collected: 10/09/20 10:15 Received: 11/03/20 10:35 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	**159**	ug/L	2.0	1		11/11/20 19:41	7440-50-8	
Lead	**48.9**	ug/L	1.0	1		11/11/20 19:41	7439-92-1	

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575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: THE LEAGUERS HEAD START 10/9
Pace Project No.: 70151830

QC Batch: 185122
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: 70151830001, 70151830002, 70151830003

METHOD BLANK: 906360 Matrix: Water
Associated Lab Samples: 70151830001, 70151830002, 70151830003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	11/11/20 19:02	
Lead	ug/L	<1.0	1.0	11/11/20 19:02	

LABORATORY CONTROL SAMPLE: 906361

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	48.2	96	85-115	
Lead	ug/L	50	49.9	100	85-115	

MATRIX SPIKE SAMPLE: 906363

Parameter	Units	70152621004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	70.9	50	122	102	70-130	
Lead	ug/L	<1.0	4	5.0	115	70-130	

MATRIX SPIKE SAMPLE: 906365

Parameter	Units	70151781013 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	0.0032 mg/L	50	54.8	103	70-130	
Lead	ug/L	<1.0	4	4.8	113	70-130	

SAMPLE DUPLICATE: 906362

Parameter	Units	70152621004 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	70.9	71.4	1	
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 906364

Parameter	Units	70151781013 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	0.0032 mg/L	3.2	1	
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.

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: THE LEAGUERS HEAD START 10/9
Pace Project No.: 70151830

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: 70151830001

[1] 750 CLINTON AVE., NEWARK, NJ

Sample: 70151830002

[1] 750 CLINTON AVE., NEWARK, NJ

Sample: 70151830003

[1] 750 CLINTON AVE., NEWARK, NJ

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: THE LEAGUERS HEAD START 10/9
Pace Project No.: 70151830

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70151830001	L-1 OUTLET 1	EPA 200.8	185122		
70151830002	L-2 OUTLET 4	EPA 200.8	185122		
70151830003	L-3 OUTLET 10	EPA 200.8	185122		

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A. Required Client Information:
Company: MANDELL ENVIRONMENTAL
Address: 409 MINISINK ROAD SUITE 102, TOTOWA, NJ 07512
Email To: MANDELLLOAD@YAHOO.COM
Phone: 973-785-9574 Fax: 973-785-0561
Requested Due Date/TAT: 5 DAY

Section B Required Project Information:
Report To: MANDELL ENV.
Copy To:
Purchase Order No.:
Project Name: THE LAUNDRY HEAD START
Project Number: 750 CLINTON AVE NEWARK NJ

Section C Invoice Information:
Attention:
Company Name: MANDELL ENV.
Address: SAME
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

Page: 1 of 1
2054211

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☒ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER
Site Location STATE: NJ

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipes WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

WO#: 70151830
70151830

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	LEAD	COMPOSITE	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	L1, OUTLET 1	DW	G	10-9-2020			10:10 AM					✓							✓	✓		
2	L2, OUTLET 4	DW	G	"			10:15 AM					✓							✓	✓		
3	L3, OUTLET 10	DW	G	"			10:15 AM					✓							✓	✓		
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		10/28/20			11/3/20	10:35	19.5	N	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: SNIRT CUSCINO
SIGNATURE of SAMPLER:
DATE Signed (MM/DD/YY): 10/28/20

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

Sample Condition Upon Recei

WO#: 70151830

Client Name:

Project: PM: KMM Due Date: 11/17/20
CLIENT: MEC

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

Tracking #: 7719 5570 5942

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: TH091 Correction Factor: -0.2

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 19.5 Cooler Temperature Corrected (°C): 19.3

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: HOR 11/3/20

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 (internationally, 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:	☑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				
All containers needing preservation have been checked	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot # HC904495				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	☑Yes	☐No	☐N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	15.
Trip Blank Present:	☐Yes	☐No	☑N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if applicable):				

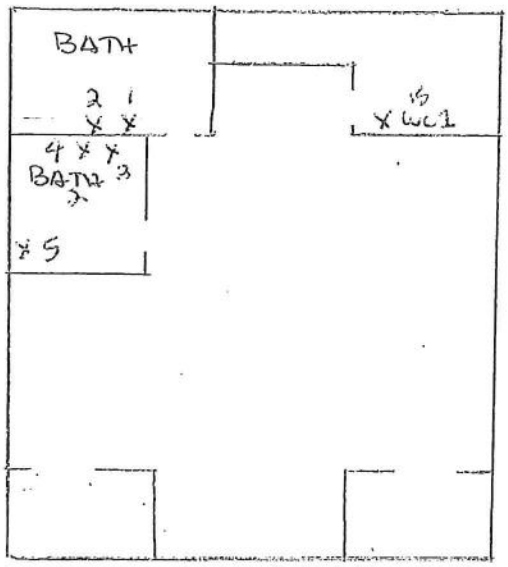
Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

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

F-LI-C-002-rev.02



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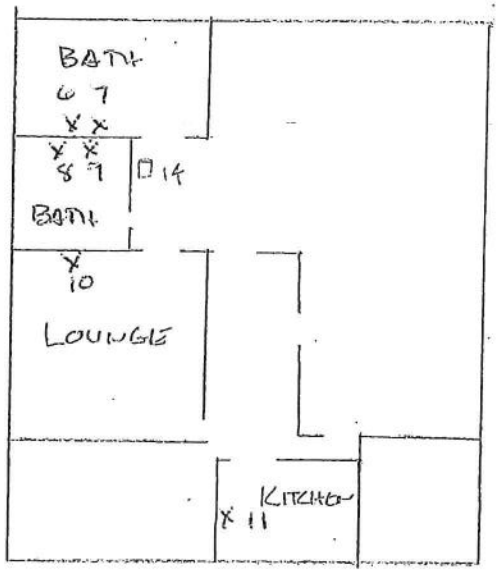

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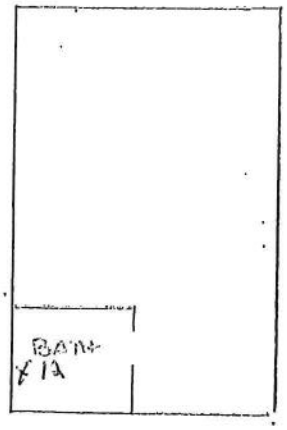
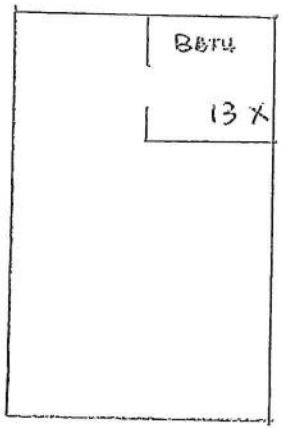


ANNEX 1



ANNEX 2

750 CLINTON AVE
NEWARK, NJ

Mandell Lead Inspectors, Inc
dba
MANDELL ENVIRONMENTAL CONSULTING
409 Minnisink Road, Suite 102, Totowa, NJ 07512
T: 973-785-7574* F: 973-785-0561
mandelllead@verizon.net * www.mandellenvironmental.com

Attachment C --Drinking Water Outlet Inventory

(Complete for each school)

Name of School: THE LEAGUERS HEAD START Address: 750 CLINTON AVE, NEWARK NJ

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

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

#[1]	Type	Location	Code	Operational[2] (Y/N)	Signs of Corrosion[3] (Y/N)	Filter[4] (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	N	N	Y		N	N			
2		" "											
3		1FL BATH 2											
4		" " "											
5		" " "											
6		2FL BATH											
7		" "											
8		2FL BATH 2											
9		" " "											
10		2FL CORRIDOR											
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.

Attachment C --Drinking Water Outlet Inventory

(Complete for each school)

Name of School: THE LEAGUERS HEAD START Address: 750 CLINTON AVE, NEWARK NJ

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

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

#[1]	Type	Location	Code	Operational[2] (Y/N)	Signs of Corrosion[3] (Y/N)	Filter[4] (Y/N)	Brass Fittings, Faucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler		C
											Make	Model	
12	IWF	ANNEX 1		Y	N	N	N	Y	N	N			
13	"	ANNEX 2		Y	N	N	N	Y	N	N			
14	WF	2ND HALL		NO	Y	N	N	N	N	N			
15	WC	1FL ENTRY		Y	N	N	N	N	N	Y		FS2S14 B010	

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.

Attachment D - Filter Inventory

(Complete for each school)

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

Address: 750 CLINTON AVE, NEWARK NJ

Individual School Project Officer Signature: _____ Date: _____

Sample Location / Code	Brand	Type (Make & Model)	Date Installed or Replaced	Replacement Frequency	NSF Certified for Lead Reduction Y/N