

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

DRINKING WATER TESTING CHECKLIST

Note: This form is for child care centers that are supplied water by a community water system.
•PROGRAMS IN OPERATING PUBLIC SCHOOLS ARE NOT REQUIRED TO COMPLETE THIS FORM•

CHILD CARE CENTER INFORMATION

Name of Child Care Center: The Leaguers, Inc. Head Start Program			License ID: 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. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Does the center have a signed contract with a New Jersey Certified Drinking Water Laboratory for lead & copper analysis?
2. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Is there an onsite water outlet assessment in accordance with technical guidance?
3. <input type="checkbox"/> YES <input type="checkbox"/> NO	Is there a floor plan in accordance with technical guidance?
4. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Sample Date:	Were all the drinking water outlets in the center where a child or staff has or may have access (including food preparation and outside drinking water outlets) sampled?
5. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Sample Date:	Were at least 50% of all indoor water faucets utilized by the center sampled?
6. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Does the child care center have the chain of custody and analytical reports for all drinking water outlets sampled? Please attach copies.
7. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Was all the drinking water outlets sampled in the sequence determined by the floor plan beginning with the outlet closest to the point of entry?
8. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Were all samples taken after the water sat undisturbed in pipes for at least 8 hours but no more than 48 hours?
9. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Were samples collected in pre-cleaned high density polyethylene (HDPE) 250 ml wide mouth single use rigid sample containers?
10. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Were all existing aerators, screens, and filters left in place prior to and during the sampling event?
11. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Were only cold water samples collected?
12. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Did no pre-stagnant flushing take place unless the outlet deviated from normal use and documented on flushing log?
13. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Was all point of use treatment on outlets, such as filters, documented?
14. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Did any result exceed the action level for lead (.015 µg/L) or copper (1.3 µg/L)?
15. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1500 µg/L) was use of all drinking water outlets immediately discontinued?
16. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1500 µg/L) was bottled water provided for drinking and food preparation?
17. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	If a result exceeded the action level for lead (15 µg/L) or copper (1500 µg/L) were signs posted to indicate that the outlets are not to be used for drinking or food preparation?
18. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> 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. <input type="checkbox"/> YES <input checked="" type="checkbox"/> 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. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> 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. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A	Were any drinking water outlets or potable plumbing replaced or repaired as a remedy for an action level exceedance?
22. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A Sample Date:	If any drinking water outlet or potable plumbing was replaced or repaired, were additional samples collected after installation?
23. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	Was any chemical treatment unit or process installed to remedy an action level exceedance (e.g., corrosion control treatment)?
24. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A Sample Date:	If a chemical treatment unit or process was installed to remedy an action level exceedance (e.g., corrosion control treatment), were additional samples collected after the installation?
25. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	Was a mechanical process implemented to remedy an action level exceedance (e.g., flushing program)?
26. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	If a mechanical process was implemented to remedy an action level exceedance (e.g., flushing program), were additional samples collected after the implementation?
27. <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	If no remedial action was taken, such as those indicated in 21 through 26 above, has the center implemented a written plan of action for use of bottled water for drinking and food preparation?

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

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

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

Sponsor/Sponsor Representative: (PRINT)	Helern Grace-Fields
Signature:	<i>Helen Grace-Fields</i>
Signature Date:	12/23/2020



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: Stuart Casciano

Date: 12-1-2016



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



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: THE LEAGUES 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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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

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: 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		

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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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QUALIFIERS

Project: THE LEAGUES 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.

REPORT OF LABORATORY ANALYSIS

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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		

REPORT OF LABORATORY ANALYSIS

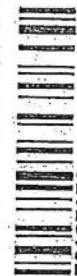
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WO#: 70137170

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



70137170

Pace Analytical
www.paceanalytical.com

Section A: Required Client Information:		Section B: Required Project Information:		Section C: Invoice Information:	
Company:	MANDELL ENVIRONMENTAL	Report To:	MANDELL ENV.	Attention:	
Address:	409 MINNESOTA ROAD	Copy To:		Company Name:	MANDELL ENV.
	SUITE 102, TOTOLU, NJ 07072	Purchase Order No.:		Address:	SAME
Email:	MANDELL@ENVIRONMENTAL.COM	Project Name:	THE LEAGUES HOOD STREET	Pace Quota Reference:	
Phone:	973-735-8574 FAX: 973-735-8574	Project Number:	750 CUNTON AVE	Pace Project Manager:	
Requested Due Date:	5 DAY			Pace Profile #:	

Page: 1 of 1

2054211

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☒ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location: MS STATE: MS

ITEM #	Matrix Codes MATRIX CODE	SAMPLE TYPE (See valid codes to left)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	PRESERVATIVES					Analysis Test	Y/N	Requested Analysis Filtered (Y/N)					Pace Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END/DATE			Unpreserved	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other						
1	C-1 WATER COOLER 1	W	DATE: 6-29-20	TIME: 11:00am		1													
2	C-2 OUTLET 1	W				1													
3	C-3 OUTLET 4	W				1													
4	C-4 OUTLET 6	W				1													
5	C-5 OUTLET 8	W				1													
6	C-6 OUTLET 10	W				1													
7	C-7 WATER COOLER 3	W				1													
8	C-8 OUTLET 11	W				1													
9	C-9 OUTLET 12	W				1													
10	C-10 OUTLET 13	W				1													
11																			
12																			

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION: Sharon DATE: 7-6-20 TIME: 7:20

ACCEPTED BY / AFFILIATION: Sharon DATE: 7-12-20 TIME: 15:20

SAMPLE CONDITIONS

Received on: 7/12/20 Ice (Y/N): N Custody (Y/N): N Sealed Cooler (Y/N): N Samples Intact (Y/N): N

Temp in °C: 20.1

SAMPLER NAME AND SIGNATURE: Sharon

PRINT Name of SAMPLER: SHARON CASANOVA DATE Signed: 6-30-2020

SIGNATURE OF SAMPLER: Sharon (INITIALS): SC

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to the terms of the attached 1.5% net month for net invoice and hold release form.



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: JOR 7/16/20

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:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2.
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		12.
-Includes date/time/ID/Analysis Matrix SL <input checked="" type="checkbox"/> OIL			
All containers needing preservation have been checked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # HC904495			Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		Initial when completed: Lot # of added preservative: Date/Time preservative added
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis			
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #			
Residual chlorine strips Lot #			
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Pace Trip Blank Lot # (if applicable):			

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:



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



REPORT OF LABORATORY ANALYSIS

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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

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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

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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	

REPORT OF LABORATORY ANALYSIS

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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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Melville, NY 11747
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QUALITY CONTROL DATA

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

QC Batch: 664800 Analysis Method: EPA 200.8
QC Batch 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.

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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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

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

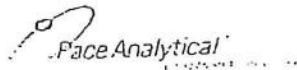
Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70145154001	L-1 OUTLET 1	EPA 200.8	664800	EPA 200.8	664817
70145154002	L-2 OUTLET 4	EPA 200.8	664800	EPA 200.8	664817
70145154003	L-3 OUTLET 10	EPA 200.8	664800	EPA 200.8	664817
70145154004	L-4 OUTLET 1 (FLUSH)	EPA 200.8	664800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

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

Proj

WO#: 70145154

PH: KMM

Due Date: 09/23/20

CLIENT: MEC

Client Name:

Mandel

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

Tracking #: 7714 6322 0299

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ NoPacking Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Thermometer Used: TH091 Correction Factor: +0.4

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

Temperature Blank Present: ☐ Yes ☒ NoType of Ice: ☒ Wet ☐ Blue ☐ None☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

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

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ NoDid 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

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

			COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for MS/MSD):	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10.
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	11. Note if sediment is visible in the dissolved container.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
-Includes date/time/DI/Analysis Matrix SL WT OIL			Sample #
All containers needing preservation have been checked	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed: Lot # of added preservative: Date/Time preservative added
pH paper Lot # HC948032			
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water), Per Method: VOA pH is checked after analysis			
Samples checked for dechlorination:	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #			
Residual chlorine strips Lot #			
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):			

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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

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

Enclosures



REPORT OF LABORATORY ANALYSIS

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(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

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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

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Melville, NY 11747
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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	

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(631)694-3040

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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Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: THE LEAGUERS HEAD START 10/9

Pace Project No.: 70151830

QC Batch: 185122

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: 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.

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(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

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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		

REPORT OF LABORATORY ANALYSIS

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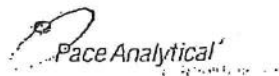


CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A: Required Client Information:		Section B: Required Project Information:		Section C: Invoice Information:	
Company:	MANDELL ENVIRONMENTAL	Report To:	MANDELL ENV.	Attention:	
Address:	409 MANUEL BLVD	Copy To:		Company Name:	MANDELL ENV.
City:	LA JOLLA, CA 92037			Address:	SAME
Email To:	MANDELL@PACESANALYTICAL.COM	Purchase Order No.:		Pace Quote Reference:	
Phone:	760-555-5554	Project Name:	THE LAGUNAS HEAD SHOT	Pace Project Manager:	
Requested Due Date:	5 DAY	Project Number:	750 CUNTER AVE	Pace Profile #:	

Station D: Required Client Information		Station E: Requested Analysis Filtered (Y/N)	
Matrix Codes: DW Drinking Water WT Waste Water P Product SL Solid OL Oil WP Wipes AR Air TS Tissue OT Other	Sample ID: (A-Z, 0-9, /) Sample IDs MUST BE UNIQUE	Requested Analysis Filtered (Y/N)	
SAMPLE ID: 141 OUTLET		NO#: 70151830	
SAMPLE ID: 142 OUTLET		70151830	
SAMPLE ID: 143 OUTLET		70151830	
SAMPLE ID: 144 OUTLET		70151830	
SAMPLE ID: 145 OUTLET		70151830	
SAMPLE ID: 146 OUTLET		70151830	
SAMPLE ID: 147 OUTLET		70151830	
SAMPLE ID: 148 OUTLET		70151830	
SAMPLE ID: 149 OUTLET		70151830	
SAMPLE ID: 150 OUTLET		70151830	
SAMPLE ID: 151 OUTLET		70151830	
SAMPLE ID: 152 OUTLET		70151830	
SAMPLE ID: 153 OUTLET		70151830	
SAMPLE ID: 154 OUTLET		70151830	
SAMPLE ID: 155 OUTLET		70151830	
SAMPLE ID: 156 OUTLET		70151830	
SAMPLE ID: 157 OUTLET		70151830	
SAMPLE ID: 158 OUTLET		70151830	
SAMPLE ID: 159 OUTLET		70151830	
SAMPLE ID: 160 OUTLET		70151830	
SAMPLE ID: 161 OUTLET		70151830	
SAMPLE ID: 162 OUTLET		70151830	
SAMPLE ID: 163 OUTLET		70151830	
SAMPLE ID: 164 OUTLET		70151830	
SAMPLE ID: 165 OUTLET		70151830	
SAMPLE ID: 166 OUTLET		70151830	
SAMPLE ID: 167 OUTLET		70151830	
SAMPLE ID: 168 OUTLET		70151830	
SAMPLE ID: 169 OUTLET		70151830	
SAMPLE ID: 170 OUTLET		70151830	
SAMPLE ID: 171 OUTLET		70151830	
SAMPLE ID: 172 OUTLET		70151830	
SAMPLE ID: 173 OUTLET		70151830	
SAMPLE ID: 174 OUTLET		70151830	
SAMPLE ID: 175 OUTLET		70151830	
SAMPLE ID: 176 OUTLET		70151830	
SAMPLE ID: 177 OUTLET		70151830	
SAMPLE ID: 178 OUTLET		70151830	
SAMPLE ID: 179 OUTLET		70151830	
SAMPLE ID: 180 OUTLET		70151830	
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SAMPLE ID: 191 OUTLET		70151830	
SAMPLE ID: 192 OUTLET		70151830	
SAMPLE ID: 193 OUTLET		70151830	
SAMPLE ID: 194 OUTLET		70151830	
SAMPLE ID: 195 OUTLET		70151830	
SAMPLE ID: 196 OUTLET		70151830	
SAMPLE ID: 197 OUTLET		70151830	
SAMPLE ID: 198 OUTLET		70151830	
SAMPLE ID: 199 OUTLET		70151830	
SAMPLE ID: 200 OUTLET		70151830	

Station F: Requested Analysis Filtered (Y/N)		Station G: Requested Analysis Filtered (Y/N)	
Matrix Codes: DW Drinking Water WT Waste Water P Product SL Solid OL Oil WP Wipes AR Air TS Tissue OT Other	Sample ID: (A-Z, 0-9, /) Sample IDs MUST BE UNIQUE	Requested Analysis Filtered (Y/N)	
SAMPLE ID: 141 OUTLET		NO#: 70151830	
SAMPLE ID: 142 OUTLET		70151830	
SAMPLE ID: 143 OUTLET		70151830	
SAMPLE ID: 144 OUTLET		70151830	
SAMPLE ID: 145 OUTLET		70151830	
SAMPLE ID: 146 OUTLET		70151830	
SAMPLE ID: 147 OUTLET		70151830	
SAMPLE ID: 148 OUTLET		70151830	
SAMPLE ID: 149 OUTLET		70151830	
SAMPLE ID: 150 OUTLET		70151830	
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SAMPLE ID: 158 OUTLET		70151830	
SAMPLE ID: 159 OUTLET		70151830	
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SAMPLE ID: 161 OUTLET		70151830	
SAMPLE ID: 162 OUTLET		70151830	
SAMPLE ID: 163 OUTLET		70151830	
SAMPLE ID: 164 OUTLET		70151830	
SAMPLE ID: 165 OUTLET		70151830	
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SAMPLE ID: 168 OUTLET		70151830	
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SAMPLE ID: 191 OUTLET		70151830	
SAMPLE ID: 192 OUTLET		70151830	
SAMPLE ID: 193 OUTLET		70151830	
SAMPLE ID: 194 OUTLET		70151830	
SAMPLE ID: 195 OUTLET		70151830	
SAMPLE ID: 196 OUTLET		70151830	
SAMPLE ID: 197 OUTLET		70151830	
SAMPLE ID: 198 OUTLET		70151830	
SAMPLE ID: 199 OUTLET		70151830	
SAMPLE ID: 200 OUTLET		70151830	



Sample Condition Upon Receipt

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 ☐ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Thermometer Used: TH091

Correction Factor: -0.2

Cooler Temperature (°C): 19.5

Cooler Temperature Corrected (°C): 19.3

Temperature Blank Present: ☐ Yes ☒ NoType of Ice: Wet Blue None☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

Date and Initials of person examining contents: HOB 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 ☒ NODid 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:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		10.
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		11.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		12.
-Includes date/time/ID/Analysis Matrix SL RT OIL				
All containers needing preservation have been checked	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # HC904495				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NaOH > 12 Cyanide)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Initial when completed: Lot # of added preservative: Date/Time preservative added
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/0015 (water). Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #				
Residual chlorine strips Lot #				
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

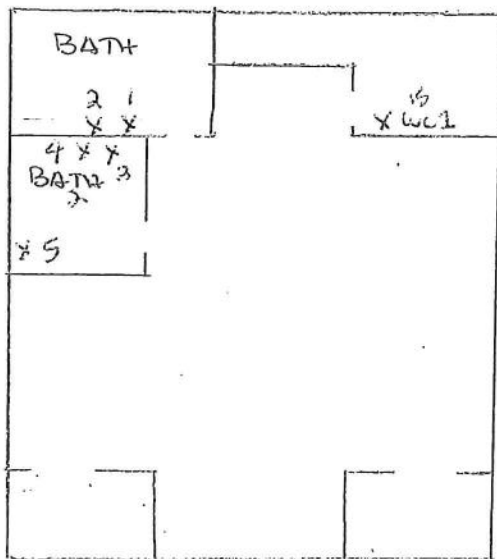
Date/Time:

Comments/ Resolution:

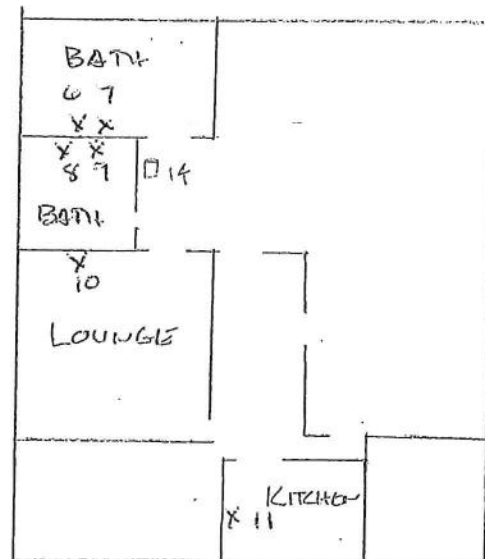
* PM (Project Manager) review is documented electronically in LIMS.

F-LI-C-002-rev.02

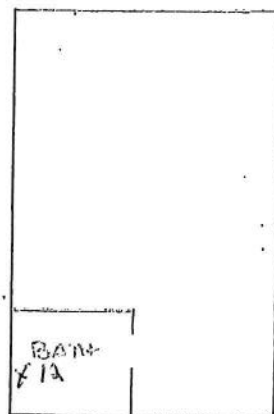
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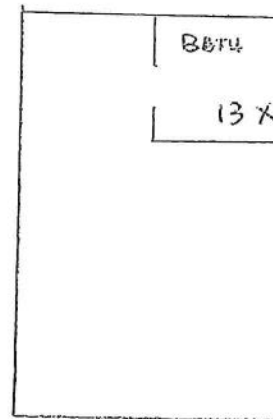
1FL



2FL



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 Laurels Road School 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 3 (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	N	N	Y		N	N	
2		"									
3		1FL BATH 2									
4		"									
5		"									
6		2FL BATH									
7		"									
8		2FL BATH 2									
9		"									
10		2FL CLOSET									
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)

Address: 750 CLINTON AVE, NEWARK

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

Date Completed:

WUC - WATER COOL	IWF	INDOOR WATER FAUCET
WF - WATER FOUNTAIN		

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

⁴ Document on Attachment D- Filter Inventory.

Attachment D - Filter Inventory (Complete for each school)

Name of School: THE LOAGERS HEAD SMART Grade Levels: _____

Address: 750 CLINTON AVE, NEWARK NJ

Individual School Project Officer Signature: _____ Date: _____

[illegible]