



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: 1111 Chandler Avenue, Roselle, NJ
Date of Sampling: October 28, 2023 & November 9, 2023

Limited water sampling was performed by Mandell Environmental Consulting at The Leaguers Head Start, 1111 Chandler Avenue, Roselle, NJ. Water samples were collected from the kitchen sink faucet, water fountain, and water coolers used by the child care center. Samples were also collected from 50% of the other indoor water faucets utilized by the child care. The samples were collected prior to water being used in the building for a minimum of 8 hours and not longer than 48 hours. The samples were collected in 250 milliliter (ml) containers accordance with New Jersey Regulations

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

Sample Date 10/28/2023

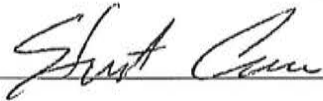
Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
L-1	Water Fountain 1	<1.0	1350	ug/L	Pos.
L-2	Outlet 1	<1.0	535	ug/L	Neg.
L-3	Outlet 4	<1.0	414	ug/L	Neg.
L-4	Outlet 6	<1.0	529	ug/L	Neg.
L-5	Outlet 8	<1.0	616	ug/L	Neg.
L-6	Outlet 10	<1.0	686	ug/L	Neg.
L-7	Outlet 12	<1.0	345	ug/L	Neg.
L-8	Outlet 14	2.1	1380	ug/L	Pos.
L-9	Outlet 15	2.8	379	ug/L	Neg.
L-10	Portable Sink	<1.0	46.5	ug/L	Neg.
L-11	Water Cooler 1	<1.0	<2.0	ug/L	Neg.
L-12	Water Cooler 2	<1.0	<2.0	ug/L	Neg.

Sample Date 11/09/2023

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
1111-1A	Outlet 14	<1.0	35.9	ug/L	Neg.

The laboratory results show that two of the samples were found to exceed the copper in drinking water action level of 1,300 ug/L. The samples were collected from the water fountain and outlet 14. The water fountain has been taken out of service. The follow up flush sample result of outlet 14 did not exceed copper in drinking water action level of 1,300 ug/L 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: 11-30-2023



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

November 02, 2023

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

RE: Project: THE LEAGUERS 10/30
Pace Project No.: 70275883

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on October 31, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,

Kimberley M. Mack
kimberley.mack@pacelabs.com
516-370-6052
Project Manager

Enclosures



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CERTIFICATIONS

Project: THE LEAGUERS 10/30
Pace Project No.: 70275883

Pace Analytical Services Long Island

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

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

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30

Pace Project No.: 70275883

Sample: L-1 WATER FOUNTAIN		Lab ID: 70275883001		Collected: 10/28/23 10:15		Received: 10/31/23 08:00		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	1350	ug/L	10.0	5		11/01/23 16:25	7440-50-8		
Lead	<1.0	ug/L	1.0	1		11/01/23 15:30	7439-92-1		

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30

Pace Project No.: 70275883

Sample: L-2 OUTLET 1		Lab ID: 70275883002		Collected: 10/28/23 10:16		Received: 10/31/23 08:00		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	535	ug/L	2.0	1		11/01/23 15:32	7440-50-8		
Lead	<1.0	ug/L	1.0	1		11/01/23 15:32	7439-92-1		

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30

Pace Project No.: 70275883

Sample: L-3 OUTLET 4		Lab ID: 70275883003	Collected: 10/28/23 10:18	Received: 10/31/23 08:00	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	414	ug/L	2.0	1		11/01/23 15:33	7440-50-8	
Lead	<1.0	ug/L	1.0	1		11/01/23 15:33	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30

Pace Project No.: 70275883

Sample: L-4 OUTLET 6		Lab ID: 70275883004		Collected: 10/28/23 10:19		Received: 10/31/23 08:00		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	529	ug/L	2.0	1		11/01/23 15:35	7440-50-8		
Lead	<1.0	ug/L	1.0	1		11/01/23 15:35	7439-92-1		

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30
Pace Project No.: 70275883

Sample: L-5 OUTLET 8		Lab ID: 70275883005		Collected: 10/28/23 10:21		Received: 10/31/23 08:00		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	616	ug/L	2.0	1		11/01/23 15:36	7440-50-8		
Lead	<1.0	ug/L	1.0	1		11/01/23 15:36	7439-92-1		

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30

Pace Project No.: 70275883

Sample: L-6 OUTLET 10		Lab ID: 70275883006		Collected: 10/28/23 10:23		Received: 10/31/23 08:00		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	686	ug/L	2.0	1		11/01/23 15:41	7440-50-8		
Lead	<1.0	ug/L	1.0	1		11/01/23 15:41	7439-92-1		

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30
Pace Project No.: 70275883

Sample: L-7 OUTLET 12		Lab ID: 70275883007	Collected: 10/28/23 10:25	Received: 10/31/23 08:00	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	345	ug/L	2.0	1		11/01/23 15:46	7440-50-8	M1
Lead	<1.0	ug/L	1.0	1		11/01/23 15:46	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30
Pace Project No.: 70275883

Sample: L-8 OUTLET 14		Lab ID: 70275883008		Collected: 10/28/23 10:27		Received: 10/31/23 08:00		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	1380	ug/L	4.0	2		11/01/23 16:26	7440-50-8	M1	
Lead	2.1	ug/L	1.0	1		11/01/23 15:50	7439-92-1		

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30
Pace Project No.: 70275883

Sample: L-9 OUTLET 15		Lab ID: 70275883009		Collected: 10/28/23 10:28		Received: 10/31/23 08:00		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	379	ug/L	2.0	1		11/01/23 15:55	7440-50-8		
Lead	2.8	ug/L	1.0	1		11/01/23 15:55	7439-92-1		

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30

Pace Project No.: 70275883

Sample: L-10 PORTABLE SINK	Lab ID: 70275883010	Collected: 10/28/23 10:29	Received: 10/31/23 08:00	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	46.5	ug/L	2.0	1		11/01/23 16:00	7440-50-8	
Lead	<1.0	ug/L	1.0	1		11/01/23 16:00	7439-92-1	

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30

Pace Project No.: 70275883

Sample: L-11 WATER COOLER 1		Lab ID: 70275883011		Collected: 10/28/23 10:32		Received: 10/31/23 08:00		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Copper	<2.0	ug/L	2.0	1		11/01/23 16:01	7440-50-8		
Lead	<1.0	ug/L	1.0	1		11/01/23 16:01	7439-92-1		

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ANALYTICAL RESULTS

Project: THE LEAGUERS 10/30

Pace Project No.: 70275883

Sample: L-12 WATER COOLER 2		Lab ID: 70275883012	Collected: 10/28/23 10:33	Received: 10/31/23 08:00	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	<2.0	ug/L	2.0	1		11/01/23 16:03	7440-50-8	
Lead	<1.0	ug/L	1.0	1		11/01/23 16:03	7439-92-1	

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QUALITY CONTROL DATA

Project: THE LEAGUERS 10/30
Pace Project No.: 70275883

QC Batch: 325960 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: 70275883001, 70275883002, 70275883003, 70275883004, 70275883005, 70275883006

METHOD BLANK: 1665535 Matrix: Water
Associated Lab Samples: 70275883001, 70275883002, 70275883003, 70275883004, 70275883005, 70275883006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	11/01/23 14:53	
Lead	ug/L	<1.0	1.0	11/01/23 14:53	

LABORATORY CONTROL SAMPLE: 1665536

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	46.7	93	85-115	
Lead	ug/L	50	47.0	94	85-115	

MATRIX SPIKE SAMPLE: 1665538

Parameter	Units	70275820019 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	0.50 mg/L	100	576	80	70-130	
Lead	ug/L	<2.0	100	95.1	95	70-130	

MATRIX SPIKE SAMPLE: 1665540

Parameter	Units	70275820020 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	0.63 mg/L	100	677	46	70-130	M1
Lead	ug/L	<2.0	100	92.4	92	70-130	

SAMPLE DUPLICATE: 1665537

Parameter	Units	70275820019 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	0.50 mg/L	506	2	
Lead	ug/L	<2.0	<2.0		

SAMPLE DUPLICATE: 1665539

Parameter	Units	70275820020 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	0.63 mg/L	608	4	
Lead	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 LEAGUERS 10/30
Pace Project No.: 70275883

QC Batch: 325962 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: 70275883007, 70275883008, 70275883009, 70275883010, 70275883011, 70275883012

METHOD BLANK: 1665548 Matrix: Water
Associated Lab Samples: 70275883007, 70275883008, 70275883009, 70275883010, 70275883011, 70275883012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	11/01/23 15:42	
Lead	ug/L	<1.0	1.0	11/01/23 15:42	

LABORATORY CONTROL SAMPLE: 1665549

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	46.7	93	85-115	
Lead	ug/L	50	47.1	94	85-115	

MATRIX SPIKE SAMPLE: 1665551

Parameter	Units	70275883007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	345	50	368	46	70-130	M1
Lead	ug/L	<1.0	50	43.9	88	70-130	

MATRIX SPIKE SAMPLE: 1665553

Parameter	Units	70275883008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	1380	100	1350	-30	70-130	M1
Lead	ug/L	2.1	50	58.3	112	70-130	

SAMPLE DUPLICATE: 1665550

Parameter	Units	70275883007 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	345	328	5	
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1665552

Parameter	Units	70275883008 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	1380	1390	1	
Lead	ug/L	2.1	2.1	1	

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QUALIFIERS

Project: THE LEAGUERS 10/30

Pace Project No.: 70275883

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: THE LEAGUERS 10/30
Pace Project No.: 70275883

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70275883001	L-1 WATER FOUNTAIN	EPA 200.8	325960		
70275883002	L-2 OUTLET 1	EPA 200.8	325960		
70275883003	L-3 OUTLET 4	EPA 200.8	325960		
70275883004	L-4 OUTLET 6	EPA 200.8	325960		
70275883005	L-5 OUTLET 8	EPA 200.8	325960		
70275883006	L-6 OUTLET 10	EPA 200.8	325960		
70275883007	L-7 OUTLET 12	EPA 200.8	325962		
70275883008	L-8 OUTLET 14	EPA 200.8	325962		
70275883009	L-9 OUTLET 15	EPA 200.8	325962		
70275883010	L-10 PORTABLE SINK	EPA 200.8	325962		
70275883011	L-11 WATER COOLER 1	EPA 200.8	325962		
70275883012	L-12 WATER COOLER 2	EPA 200.8	325962		

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Client: **MEC**

Profile #: **5901**

☐ Use Point Number Spreadsheet

☐ Holiday Project

Work ID: **The leaguers 1030**

COC Page **1** of **1**

☐ Add SCLOGFD to first sample for field charge

COC	Lab	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	WG9U																	
2	WG9C																	
3	WG9H																	
4	WG9S																	
5	OG9T																	
6	OG9Y																	
7	OG9P																	
8	OG9A																	
9	OG9S																	
10	AG1U																	
11	AG3U																	
12	AG3U																	
13	AG3U																	
14	AG3U																	
15	AG3U																	
16	AG3U																	
17	AG3U																	

Container Counts

	Class	Plastic	Misc.
WG9U	40mL unres clear vial	BP4U 125mL unres amber glass	SP5T 120mL Corium Na Thio
WG9C	40mL Ascorbic-HCl clear vial	AG4U 250mL unres amber glass	R Terracore Kit
WG9H	40mL HCl clear vial	AG3U 500mL unres amber glass	WG2U 2oz Unres Jar
WG9S	40mL Sulfate clear vial	AG1U 1L unres amber glass	WG4U 4oz Unres Jar
OG9T	40mL Na Thiosulfate vial	BP1U 1L unres clear plastic	WG5U Box Unres Jar
OG9Y	40mL Carate-Na Thiosulfate	BP4N 125mL HNO3 plastic	WG6U 16oz Unres Jar
OG9P	40mL amber vial - TSP	BP3N 250mL H2SO4 amber glass	ZPLC Ziplock Bag
OG9A	Ascorbic/Maleic Acid 40mL	AG4E 125mL EDA amber glass	TEDL Tedlar Bag
OG9S	Na Thio 50mL Vial	AG3T 250mL Na Thio amber glass	BG4H 1L HCl Clear Glass
OG9T	Ammonium Chloride 40mL	AG2R Na Sulfite 500mL (blue Cap)	GN General
CG1U	1L Unres Jar (Con Ed)	AG1T Na Thiosulfate 1L bottle	WP Wipe
		AG1H 1L HCl amber glass	
		AG1A (NH4Cl)	
WG9O	Box clear sol jar	BP3S 250mL Ammonium Acetate	
WG4O	4oz clear sol jar	BP2R 250mL NH4SO4-NH4OH	
		BP1Z 1L NaOH, Zn Acetate	
		BP1N 1L HNO3 plastic	
		BP1B Na Thiosulfate Amber Bottle	

IDC	Matrix
BP1U	1L unres clear plastic
BP3N	250mL HNO3 plastic
BP3C	250mL Sodium Hydroxide
AG2U	500mL unres amber glass
WP	Wipe
OW	Drinking Water

* Can also be a BP4N

IDC	Matrix
OG9T	40mL Na Thio amber vial
OG9A	40mL Ascorbic acid maleic acid vial
OG9Y	Citrate/Na Thiosulfate 40mL
OG9S	Na Thiosulfate 60mL vial
OG9H	Maleic/Maleic Na Thio 80mL
AG3T	Na Thiosulfate 250mL bottle
BP1B	Na Thiosulfate Amber bottle
AG1T	Na Thiosulfate 1L Amber
AG1A	525.3 Chemical Blend

Sender Initials

WK

Additional Comments

WO#: 70275883

PM: KMM

Due Date: 11/07/23

CLIENT: MEC

WO#: 70275883

Client Name Mandell (MEL)

Project #

PM: KMH

Due Date: 11/07/23

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

CLIENT: MEC

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Temperature Blank Present: ☐ Yes ☒ No
Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ Ziploc ☐ None ☐ Other Type of Ice: ☒ Wet ☐ Blue ☐ None

Thermometer Used: 71198 Correction Factor: -0.3 ☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 5.1 Cooler Temperature Corrected (°C): 4.8 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil ☒ N/A water sample

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX,
or VA (check map)? ☐ Yes ☐ No

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

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

Date and Initials of person examining contents: 18/10/23

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

Date and Initials of person checking preservation: 18

All containers needing preservation have been ☒ Yes ☐ No ☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot # <u>22782W</u>	Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide) ☒ Yes ☐ No ☐ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).	
Per Method, VOA pH is checked after analysis	Initial when completed: Let # of added preservatives: 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 #	15.
SM 4500 CN samples checked for sul ☒ Yes ☐ No ☐ N/A	Positive for Sulfide? Y N
Lead Acetate Strips Lot #	16.
Headspace in VOA Vials (>6mm): ☐ Yes ☐ No ☐ N/A	17.
Trip Blank Present: ☐ Yes ☐ No ☐ N/A	
Trip Blank Custody Seals Present ☐ Yes ☐ No ☐ N/A	

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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



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

November 28, 2023

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

RE: Project: THE LEAGUERS 11/9
Pace Project No.: 70278353

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Melville

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

Sincerely,

Kimberley M. Mack
kimberley.mack@pacelabs.com
516-370-6052
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: THE LEAGUERS 11/9
Pace Project No.: 70278353

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

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575 Broad Hollow Road
Melville, NY 11747
516-370-6000

ANALYTICAL RESULTS

Project: THE LEAGUERS 11/9

Pace Project No.: 70278353

Sample: 1111-1A		Lab ID: 70278353001		Collected: 11/09/23 11:00		Received: 11/20/23 15:30		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Copper	35.9	ug/L	2.0	1		11/27/23 15:31	7440-50-8		
Lead	<1.0	ug/L	1.0	1		11/27/23 15:31	7439-92-1		

REPORT OF LABORATORY ANALYSIS

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Date: 11/28/2023 01:03 PM

Page 3 of 9



QUALITY CONTROL DATA

Project: THE LEAGUERS 11/9
Pace Project No.: 70278353

QC Batch: 328784 Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water
Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70278353001

METHOD BLANK: 1682422 Matrix: Water

Associated Lab Samples: 70278353001

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

LABORATORY CONTROL SAMPLE: 1682423

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

MATRIX SPIKE SAMPLE: 1682425

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

MATRIX SPIKE SAMPLE: 1682427

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

SAMPLE DUPLICATE: 1682424

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

SAMPLE DUPLICATE: 1682426

Parameter	Units	70278345008 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	<2.0	<2.0		
Lead	ug/L	<1.0	<1.0		

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: THE LEAGUERS 11/9
Pace Project No.: 70278353

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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

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

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: THE LEAGUERS 11/9
Pace Project No.: 70278353

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70278353001	1111-1A	EPA 200.8	328784		

REPORT OF LABORATORY ANALYSIS

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70278353

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

Page 7 of 9

11-9-23

Client: **MEC**

Profile #: **5901**

☐ Use Point Number Spreadsheet ☐ Multiday Project

Work ID: **the Leagues 11/9**

COC Page _____ of _____

☐ Add SCLOGFD to first sample for field charge

COC	LOC	Site	Matrix	Container	Material	Volume	Notes
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Container Counts

Container	Material	Volume	Notes
VG8U	40mL undres clear vial	AG4U	125mL undres amber glass
VG8C	40mL Ascorbic-HCl clear vial	AG3U	125mL undres amber glass
VG8H	40mL HCl clear vial	AG2U	125mL undres amber glass
VG8S	40mL Sulfuric clear vial	AG1U	125mL undres amber glass
DG8T	40mL Na Thiosulfate vial	AG34	125mL undres amber glass
DG8Y	40mL Citrate-Na Thiosulfate	AG3S	125mL undres amber glass
DG8P	40mL undres vial - TSP	AG4E	125mL undres amber glass
DG8A	Ascorbic-Maleic Acid 40mL	AG3T	125mL undres amber glass
DG8T	Na Thio 60mL Vial	AG2R	125mL undres amber glass
DG8S	Ammonium CWCUSO4 40mL	AG1T	125mL undres amber glass
CG1U	1L Unpres Jar (Can Ed)	AG1H	1L HCl amber glass
WG8O	3oz clear soil jar	AG1A	(NH4Cl)
WG4O	4oz clear soil jar		

Container	Material	Volume	Notes
BP1U	1L Unreserved plastic	SP5T	120mL Corform Na Thio
BP3U	250mL HNO3 plastic	R	Terracore Kit
BP3C	250mL Sodium Hydroxide	WG5U	2oz Unreserved Jar
AG3U	500mL undres amber glass	WG7U	4oz Unreserved Jar
		WG5U	8oz Unreserved Jar
		WG5U	16oz Unreserved Jar

* Can also be a BPA

Container	Material	Volume	Notes
WT	Water		
SL	Solid		
NAL	Non-aqueous Liquid		
OL	Oil		
WP	Wipe		
DW	Drinking Water		

Container	Material	Volume	Notes
VG8T	40mL Na Thio amber vial		
DG8A	40mL Ascorbic acid-maleic acid vial		
DG8Y	Citrate-Na Thiosulfate 40mL		
DG8T	Na Thiosulfate 60mL vial		
DG8S	Ammonium CWCUSO4 40mL		
AG3U	250mL undres amber glass		
AG3T	Na Thiosulfate 250mL bottle		
BP1B	Na Thiosulfate Amber bottle		
AG1T	Na Thiosulfate 1L Amber		
AG1A	625.3 Chemical Blend		

Sender Initials

Additional Comments

WO#: 70278353

PM: KMM Due Date: 11/30/23

CLIENT: MEC

Effective Date: 10/13/2023

WO#: 70278353

Client Name:

MEC

Project:

PM: KMM

Due Date: 11/30/23

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

CLIENT: MEC

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☒ No Temperature Blank Present: ☐ Yes ☒ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziplo ☒ Non ☐ Other Type of Ice: ☒ Wet ☐ Blue ☐ NoneThermometer Used: THU1 Correction Factor: 0.3 ☐ Samples on ice, cooling process has begunCooler Temperature (°C): 2.6 Cooler Temperature Corrected (°C): 2.9 Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil ☒ N/A, water sampleDid samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☒ NoDid samples originate from a foreign source including Hawaii and Puerto Rico? ☐ Yes ☒ No

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

Date and Initials of person examining contents: MPL 11/21

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

Date and Initials of person checking preservation: MPL 11/21

All containers needing preservation have been ☒ Yes ☐ No ☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot # <u>227822V</u>	Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide ☒ Yes ☐ No ☐ N/A NaOH > 12 Cyanide)	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	14.
Samples checked for dechlorination: ☐ Yes ☐ No ☐ N/A	Positive for Res. Chlorine? ☐ Y ☐ N
KI starch test strips Lot #	15.
Residual chlorine strips Lot #	Positive for Sulfide? ☐ Y ☐ N
SM 4500 CN samples checked for sul ☐ Yes ☐ No ☐ N/A	16.
Lead Acetate Strips Lot #	17.
Headspace in VOA Vials (>6mm): ☐ Yes ☐ No ☐ N/A	
Trip Blank Present: ☐ Yes ☐ No ☐ N/A	
Trip Blank Custody Seals Present ☐ Yes ☐ No ☐ N/A	

DATE AND INITIALS OF PERSON COMPLETING SECOND REVIEW: MPL 11/21/23

Client Notification/ Resolution:

Field Data Required? ☐ Y ☒ N

Person Contacted:

Date/Time:

Comments/ Resolution:

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

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

Name of School: THE LEAGUES HEAD START Address: 1111 CHANDLER AVE, ROSELLE NJ
CHILD CARE

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

Individual school project officer Name/Signature: _____

Date Completed: _____

#	Type	Location	Code	Operational ¹ (Y/N)	Signs of Corrosion ² (Y/N)	Filter ³ (Y/N)	Brass Fittings, Faucets or valves ⁴ (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler Make Model	Co
1	TWF	NEWS ROOM		YES	NO	N		N	N	N	N/A	N/A
2		" "										
3		WOMENS ROOM										
4		" "										
5		GIRLS ROOM										
6		" "										
7		" "										
8		" "										
9		JAN. CLOSET										
10		BOYS ROOM										
11	✓	" "										

TWF INDOOR WATER FOUNTAIN W/F - WATER FOUNTAIN
 WC - WATER COOLER

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

Attachment C - Drinking Water Outlet Inventory

(Complete for each school)

Name of School: THE LEAGUES Head STADI Address: 111 CHANDLER AVE, ROSALL- NJ

CHILD CARD

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

Individual school project officer Name/Signature: _____

Date Completed:

#	Type	Location	Code	Operational (Y/N)	Signs of Corrosion (Y/N)	Filter ² (Y/N)	Brass Fittings/Faucets or Valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler: Make _____ Model _____	Cat #
12	TWF	Boys Room		Y	N	N	N	N	N	N		
13	"	" "										
14	Food Prep	KITCHEN										
15	TWF	" "		Y								
wc1	wc	OFFICE									EKAY EAFS8 1B	
wc2	"	HALLWAY									" t	
wc3	"	KITCHEN		NO							" "	
wf-1	wf	HALLWAY		NO					Y		RUPINE D3G700 K	

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 Cragwells Head School Grade Levels: _____

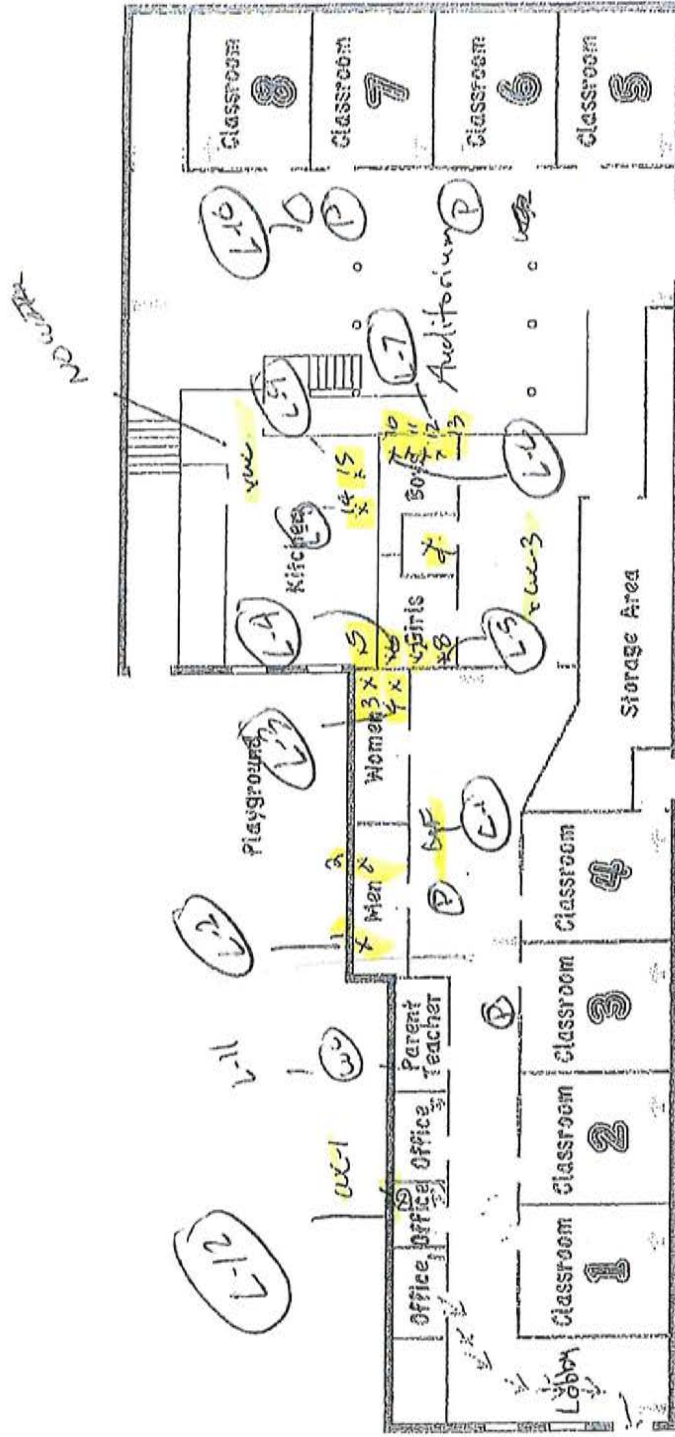
Address: 1111 CHANDLER AVE, ROSELLE NJ

Individual School Project Officer Signature: _____ Date: _____

[illegible]

The Leaguers, Inc.

1111 Chandler Ave., Roselle, NJ 07203



Chandler Ave.

Newman Pl.

LEGEND: First Aid Kits Fire Extinguishers Evacuating Route