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## MANDELL ENVIRONMENTAL CONSULTING

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409 MINNISINK ROAD • SUITE 102 • TOTOWA, NJ 07512 • (973) 785-7574 • FAX (973) 785-0561

### Limited Water Sampling Report

Project Name: Sunshine Clubhouse Child Care Center  
Project Location: 436 Ridge Road, North Arlington, NJ  
Date of Sampling: May 20, 2023

Limited water sampling was performed by Mandell Environmental Consulting at the Sunshine Clubhouse Child Care Center, 436 Ridge Road, North Arlington, NJ. Water samples were collected from 50% of the indoor water faucets utilized by the child care. There are no drinking water outlets. 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 05/20/2023**

<b>Sample Number</b>	<b>Source</b>	<b>Results Lead</b>	<b>Results Copper</b>	<b>Units</b>	<b>Pos/Neg</b>
NA-1	Outlet 2	<1.0	42.0	ug/L	Neg.
NA-2	Outlet 3	<1.0	45.4	ug/L	Neg.
NA-3	Outlet 5	<1.0	72.7	ug/L	Neg.
NA-4	Outlet 7	<1.0	27.5	ug/L	Neg.

There are no water fountains or coolers in the child care. The laboratory results show that none of the samples were found to exceed the lead in drinking water action level of 15 ug/L and copper 1,300 ug/L. Sampling forms and diagram are attached.

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

Signed:                    Date: 6-16-2023

June 13, 2023

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

RE: Project: SUNSHINE CLUBHOUSE 5/20  
Pace Project No.: 70259064

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on June 09, 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  
(631)694-3040  
Project Manager

Enclosures



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
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## CERTIFICATIONS

Project: SUNSHINE CLUBHOUSE 5/20  
Pace Project No.: 70259064

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### **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

## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: SUNSHINE CLUBHOUSE 5/20  
Pace Project No.: 70259064

Sample: NA-1 OUTLET 2	Lab ID: 70259064001	Collected: 05/20/23 10:05	Received: 06/09/23 08:10	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	<b>42.0</b>	ug/L	2.0	1		06/13/23 10:45	7440-50-8	
Lead	<b>&lt;1.0</b>	ug/L	1.0	1		06/13/23 10:45	7439-92-1	

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### ANALYTICAL RESULTS

Project: SUNSHINE CLUBHOUSE 5/20  
Pace Project No.: 70259064

Sample: NA-2 OUTLET 3	Lab ID: 70259064002	Collected: 05/20/23 10:05	Received: 06/09/23 08:10	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	45.4	ug/L	2.0	1		06/13/23 10:47	7440-50-8	
Lead	<1.0	ug/L	1.0	1		06/13/23 10:47	7439-92-1	

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### ANALYTICAL RESULTS

Project: SUNSHINE CLUBHOUSE 5/20  
Pace Project No.: 70259064

Sample: NA-3 OUTLET 5		Lab ID: 70259064003	Collected: 05/20/23 10:05	Received: 06/09/23 08:10	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	72.7	ug/L	2.0	1		06/13/23 10:48	7440-50-8	
Lead	<1.0	ug/L	1.0	1		06/13/23 10:48	7439-92-1	

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### ANALYTICAL RESULTS

Project: SUNSHINE CLUBHOUSE 5/20  
Pace Project No.: 70259064

Sample: NA-4 OUTLET 7	Lab ID: 70259064004	Collected: 05/20/23 10:05	Received: 06/09/23 08:10	Matrix: Drinking Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Copper	27.5	ug/L	2.0	1		06/13/23 10:50	7440-50-8	
Lead	<1.0	ug/L	1.0	1		06/13/23 10:50	7439-92-1	

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### QUALITY CONTROL DATA

Project: SUNSHINE CLUBHOUSE 5/20  
Pace Project No.: 70259064

QC Batch: 308565 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: 70259064001, 70259064002, 70259064003, 70259064004

METHOD BLANK: 1564176 Matrix: Water  
Associated Lab Samples: 70259064001, 70259064002, 70259064003, 70259064004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	06/13/23 16:17	
Lead	ug/L	<1.0	1.0	06/13/23 16:17	

LABORATORY CONTROL SAMPLE: 1564177

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	46.3	93	85-115	
Lead	ug/L	50	51.4	103	85-115	

MATRIX SPIKE SAMPLE: 1564179

Parameter	Units	70259060001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	36.8	50	82.5	91	70-130	
Lead	ug/L	<1.0	50	51.1	101	70-130	

MATRIX SPIKE SAMPLE: 1564181

Parameter	Units	70259060002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	31.8	50	83.7	104	70-130	
Lead	ug/L	<1.0	50	56.4	112	70-130	

SAMPLE DUPLICATE: 1564178

Parameter	Units	70259060001 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	36.8	36.6	0	
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1564180

Parameter	Units	70259060002 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	31.8	31.2	2	
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: SUNSHINE CLUBHOUSE 5/20

Pace Project No.: 70259064

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### 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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**QUALITY CONTROL DATA CROSS REFERENCE TABLE**

Project: SUNSHINE CLUBHOUSE 5/20  
Pace Project No.: 70259064

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70259064001	NA-1 OUTLET 2	EPA 200.8	308565		
70259064002	NA-2 OUTLET 3	EPA 200.8	308565		
70259064003	NA-3 OUTLET 5	EPA 200.8	308565		
70259064004	NA-4 OUTLET 7	EPA 200.8	308565		

**REPORT OF LABORATORY ANALYSIS**

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NO#: 70259064



70259064

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

Section C  
 Required Project Information:  
 Report To: **MANDELL ENV.**  
 Copy To:  
 Project Name: **SUNSHINE CLUBHOUSE**  
 Project Number: **430 RIDGE ROAD N. ARLINGTON NJ**  
 Company Name: **MANDELL ENV.**  
 Address:  
 Site Location: **NJ**  
 State: **NJ**  
 Regulatory Agency: **REGULATORY AGENCY**  
 NPDES  GROUND WATER  DRINKING WATER  
 LIST  RORA  OTHER   
 Page: **1** of **1**  
 Page Project No./ Lab ID: **2054211**

Section D Required Client Information	Matrix Codes MATRIX / CODE Drinking Water DW Water WWT Waste Water WW P SL OL WP AR TS OT	COLLECTED		SAMPLE TYPE (Grab / Comp)	MATRIX CODE (see valid codes to lab)	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		COURSE START	DATE									
NA-1 OUTLET 2	DW	5/20/2023	4	6	DW	David Bellard AAL	6/6/23	10:13	David Bellard AAL	6/6/23	10:13	
NA-2 OUTLET 3	DW	5/20/2023	4	6	DW	David Bellard AAL	6/6/23	10:13	David Bellard AAL	6/6/23	10:13	
NA-3 OUTLET 5	DW	5/20/2023	4	6	DW	David Bellard AAL	6/6/23	10:13	David Bellard AAL	6/6/23	10:13	
NA-4 OUTLET 7	DW	5/20/2023	4	6	DW	David Bellard AAL	6/6/23	10:13	David Bellard AAL	6/6/23	10:13	

Section E  
 Requested Analysis Filtered (Y/N)  
 Y/N  
 Preservatives: HCl, HNO<sub>3</sub>, H<sub>2</sub>SO<sub>4</sub>, Unpreserved, NaOH, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, Methanol, Other  
 Residual Chlorine (Y/N)  
 Y/N  
 Analysis Test: Lead, Copper  
 # OF CONTAINERS  
 SAMPLE TEMP AT COLLECTION  
 DATE  
 TIME  
 ACCEPTED BY / AFFILIATION  
 DATE  
 TIME  
 SAMPLE CONDITIONS  
 Reception  Custody  Sealed Cooler  Samples Intact  (Y/N)

SAMPLER NAME AND SIGNATURE  
 PRINT Name of SAMPLER: **SVET CASCIANO**  
 SIGNATURE OF SAMPLER: *[Signature]*  
 DATE SIGNED (MM/DD/YYYY): **5-19-2027**

**WO#: 70259064**

PM: KMM

Due Date: 06/16/23

CLIENT: MEC

Client Name:

*MEC*

Project #

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: *TH148* Correction Factor: *-0.3*  Samples on ice, cooling process has begun  
 Cooler Temperature(°C): *4.1* Cooler Temperature Corrected(°C): *3.8* 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:

	COMMENTS:
Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. <i>Time is not available in COC and bottles.</i>
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 type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12.
-Includes date/time/ID/Analysis Matrix: <input checked="" type="checkbox"/> SL <input type="checkbox"/> WT <input type="checkbox"/> OIL <input type="checkbox"/> OTHER	

Date and Initials of person checking preservation:

All containers needing preservation have been pH paper Lot # <i>HC293085</i>	13. <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
All containers needing preservation are found to be in compliance with method recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl, NaOH>9 Sulfide, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A NAOH>12 Cyanide)	Sample #
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).	Initial when completed; Lot # of added preservative; Date/Time preservative added:
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.
KI starch test strips Lot #	Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	15. Positive for Sulfide? Y N
SM 4500 CN samples checked for sul: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Lead Acetate Strips Lot #	17.
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Custody Seals Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

Client Notification/ Resolution:

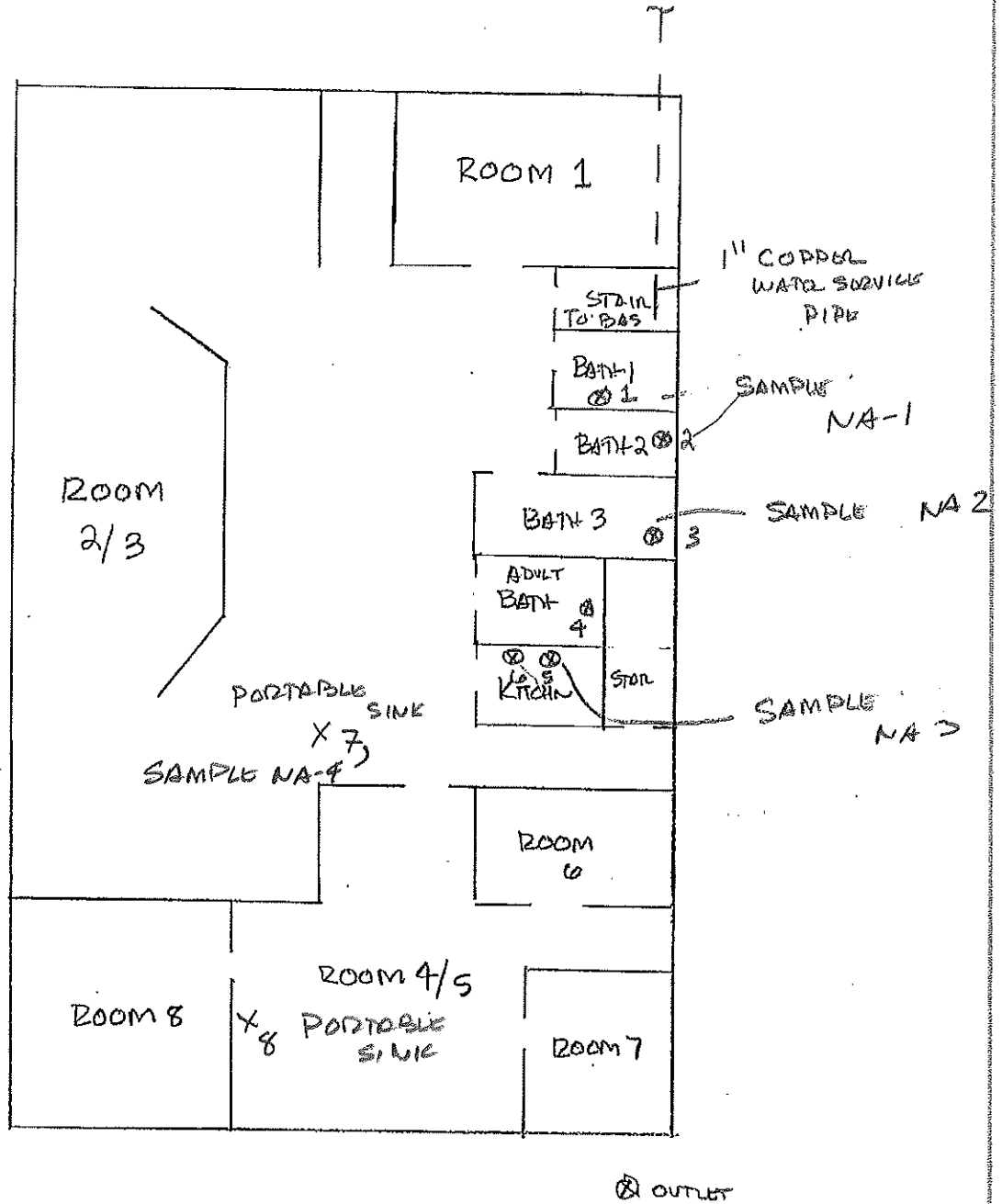
Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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



436 RIDGE ROAD  
NORTH BRUNTON 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](mailto:mandelllead@verizon.net) \* [www.mandellenvironmental.com](http://www.mandellenvironmental.com)

## Attachment C – Drinking Water Outlet Inventory

(Complete for each school)

Name of School: SUNSHINE CLUBHOUSE CHILD CARE Address: 436 RIDGE ROAD, NORTH ARLINGTON, NJ

Grade Levels: \_\_\_\_\_ Year School Constructed: \_\_\_\_\_ Renovated/Adds: \_\_\_\_\_

Individual school project officer Name/Signature: \_\_\_\_\_ Date Completed: \_\_\_\_\_

#	Type	Location	Code	Operational <sup>1</sup> (Y/N)	Signs of Corrosion <sup>3</sup> (Y/N)	Filter <sup>4</sup> (Y/N)	Brass Fittings, Faucets or valves? (Y/N)	Aerator/Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler		Co
											Make	Model	
1	IWF	Bathroom 1		Y	N	N	Y	N	N	N	-	-	
2		Bathroom 2		Y	N	N	Y	N	N	N	-	-	
3		Bathroom 3		Y	N	N	Y	N	N	N	-	-	
4		ADULT BATH		Y	N	N	Y	N	N	N	-	-	
5		KITCHEN		Y	N	N	Y	N	N	N	-	-	
6	↓	"		Y	N	N	Y	N	N	N	-	-	
7	↓	ROOM 2/3		Y	N	N	N	N	N	N	-	-	
8	↓	ROOM 5		Y	N	N	N	N	N	N	-	-	

IWF- Indoor water faucet

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

Attachment D - Filter Inventory  
(Complete for each school)

Name of School: SUNSHINE CLUBHOUSE CHILD CARE Grade Levels: \_\_\_\_\_

Address: 436 RIDGE ROAD NORTH ARLINGTON NJ

Individual School Project Officer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Sample Location / Code	Brand	Type (Make & Model)	Date Installed or Replaced	Replacement Frequency	NSF Certified for Lead Reduction Y/N
	NO	FILTERS			