



MANDELL ENVIRONMENTAL CONSULTING

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: February 27, 2021

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 02/27/2021

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
1	Outlet 1	<1.0	74.7	ug/L	Neg.
2	Outlet 3	<1.0	47.6	ug/L	Neg.
3	Outlet 5	<1.0	68.1	ug/L	Neg.
4	Outlet 5 Flush	<1.0	12.2	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: 3-24-2021

March 24, 2021

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

RE: Project: 436 RIDGE ROAD 2/27
Pace Project No.: 70166288

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on March 18, 2021. 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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CERTIFICATIONS

Project: 436 RIDGE ROAD 2/27
Pace Project No.: 70166288

Pace Analytical Services Long Island

Delaware Certification # NY10478

Virginia Certification # 460302

Delaware Certification # NY10478

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: 436 RIDGE ROAD 2/27

Pace Project No.: 70166288

Sample: 1 OUTLET # 1		Lab ID: 70166288001	Collected: 02/27/21 11:30	Received: 03/18/21 19:29	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	74.7	ug/L	2.0	1		03/23/21 11:08	7440-50-8	
Lead	<1.0	ug/L	1.0	1		03/23/21 11:08	7439-92-1	

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ANALYTICAL RESULTS

Project: 436 RIDGE ROAD 2/27
Pace Project No.: 70166288

Sample: 2 OUTLET # 3		Lab ID: 70166288002	Collected: 02/27/21 11:30	Received: 03/18/21 19:29	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	47.6	ug/L	2.0	1		03/23/21 11:09	7440-50-8	
Lead	<1.0	ug/L	1.0	1		03/23/21 11:09	7439-92-1	

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ANALYTICAL RESULTS

Project: 436 RIDGE ROAD 2/27

Pace Project No.: 70166288

Sample: 3 OUTLET # 5		Lab ID: 70166288003	Collected: 02/27/21 11:30	Received: 03/18/21 19:29	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	68.1	ug/L	2.0	1		03/23/21 11:11	7440-50-8	
Lead	<1.0	ug/L	1.0	1		03/23/21 11:11	7439-92-1	

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ANALYTICAL RESULTS

Project: 436 RIDGE ROAD 2/27
Pace Project No.: 70166288

Sample: 4 OUTLET # 5 FLUSH		Lab ID: 70166288004	Collected: 02/27/21 11:30	Received: 03/18/21 19:29	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	12.2	ug/L	2.0	1		03/23/21 11:13	7440-50-8	
Lead	<1.0	ug/L	1.0	1		03/23/21 11:13	7439-92-1	

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QUALITY CONTROL DATA

Project: 436 RIDGE ROAD 2/27
Pace Project No.: 70166288

QC Batch: 201017 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: 70166288001, 70166288002, 70166288003, 70166288004

METHOD BLANK: 989436 Matrix: Water
Associated Lab Samples: 70166288001, 70166288002, 70166288003, 70166288004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	03/23/21 10:46	
Lead	ug/L	<1.0	1.0	03/23/21 10:46	

LABORATORY CONTROL SAMPLE: 989437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	47.6	95	85-115	
Lead	ug/L	50	50.2	100	85-115	

MATRIX SPIKE SAMPLE: 989439

Parameter	Units	70166242001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	0.026 mg/L	50	68.8	85	70-130	
Lead	ug/L	<1.0	50	55.5	110	70-130	

MATRIX SPIKE SAMPLE: 989441

Parameter	Units	70166288004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	12.2	50	55.1	86	70-130	
Lead	ug/L	<1.0	50	50.4	100	70-130	

SAMPLE DUPLICATE: 989438

Parameter	Units	70166242001 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	0.026 mg/L	22.4	16	
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 989440

Parameter	Units	70166288004 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	12.2	12.0	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: 436 RIDGE ROAD 2/27
Pace Project No.: 70166288

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: 436 RIDGE ROAD 2/27
Pace Project No.: 70166288

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70166288001	1 OUTLET # 1	EPA 200.8	201017		
70166288002	2 OUTLET # 3	EPA 200.8	201017		
70166288003	3 OUTLET # 5	EPA 200.8	201017		
70166288004	4 OUTLET # 5 FLUSH	EPA 200.8	201017		

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WO#: 70166288

CHAIN-OF-CUSTODY
The Chain-of-Custody is a LEGAL DOC



70166288

Section A: Required Client Information
 Company: MANDELL ENVIRONMENTAL
 Address: 401 MANHATTAN ROAD
 SUITE 102, TORRANCE, CA 90503
 Email: TERRY@MANDELL-ENV.COM
 Requested Date: 3/18/2024
 Requested By: TERRY

Section B: Required Project Information
 Report To: MANDELL ENV.
 Copy To: MANDELL ENV.
 Project Name: 436 RIDGE ROAD
 Project Number: NORTH ARLINGTON NJ

Section C: Invoicing Information
 Client: MANDELL ENV.
 Address: 5415 E. 15TH AVE
 City: DENVER, CO 80202
 Project: 2054211
 Invoice: 2054211

REGULATORY AGENCY: NPDES GROUND WATER DRINKING WATER
 LIST RORA OTHER

Site Location: NJ
 State: NJ

ITEM #	SAMPLE ID (AZ, 0-9 / A)	Matrix Codes Drinking Water Waste Water Process Soils/Solids Oil Wipes Air Tissue Other	MATRIX CODE (See yield codes to lab)	SAMPLE TYPE (See CRAB or CDMF)	COLLECTED		# OF CONTAINERS	Preservative(s) None Na2S2O8 NaOH HCl HNO3 H2SO4 Unpreserved	Requested Analysis Filtered (Y/N)	Temp in °C	Received on	Custody Sealed Container (Y/N)	Samples Insect (Y/N)
					DATE	TIME							
1	OUTLET #1		DW G	G	3/27/2024	11:30 AM	1		Y				
2	OUTLET #3		DW G	G	3/27/2024		1		Y				
3	OUTLET #5		DW G	G	3/27/2024		1		Y				
4	OUTLET #5 PUSH		DW G	G	3/27/2024		1		Y				
5													
6													
7													
8													
9													
10													
11													
12													

ADDITIONAL COMMENTS: *Handwritten notes and signatures*

REQUIREMENT BY AFFILIATION: *Handwritten signature*

DATE: 3-15-2024

ACCEPTED BY AFFILIATION: *Handwritten signature*

DATE: 3/18/2024

TIME: 10:44

DATE: 3/18/2024

TIME: 8:24

SAMPLER NAME AND SIGNATURE: *Handwritten name and signature*

PRINT Name of SAMPLER: *Handwritten name*

SIGNATURE of SAMPLER: *Handwritten signature*

DATE SIGNED: 3-1-2024

EMERGENCY: *Handwritten text*



Sample Condition Upon Receipt

WO#: 70166288

Client Name: Mandel Environmental Project

PM: KHM Due Date: 04/02/21
CLIENT: MEC

Courier: Fed Ex UPS USPS Client Commercial Pace Other
 Tracking #: _____
 Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No
 Packing Material: Bubble Wrap Bubble Bags Ziploc None Other
 Thermometer Used: TH091 Correction Factor: +0.0
 Cooler Temperature(°C): 2.3 Cooler Temperature Corrected(°C): 2.3
 Temp should be above freezing to 6.0°C
 USDA Regulated Soil [N/A, water sample]

Temperature Blank Present: Yes No
 Type of Ice: Wet Blue None
 Samples on ice, cooling process has begun
 Date/Time 5035A kits placed in freezer

Date and Initials of person examining contents: HA 3/18/21
1929

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 (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	<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, Matrix: <u>SL WT OIL</u>		
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 # <u>16904495</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, 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		Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot #	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulfide? Lead Acetate Strips Lot #	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Present: Trip Blank Custody Seals Present Pace Trip Blank Lot # (if applicable): _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	17.

Client Notification/ Resolution: _____ Field Data Required? Y / N
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

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			

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

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

Grade Levels: Year School Constructed: Renovated/Adds:

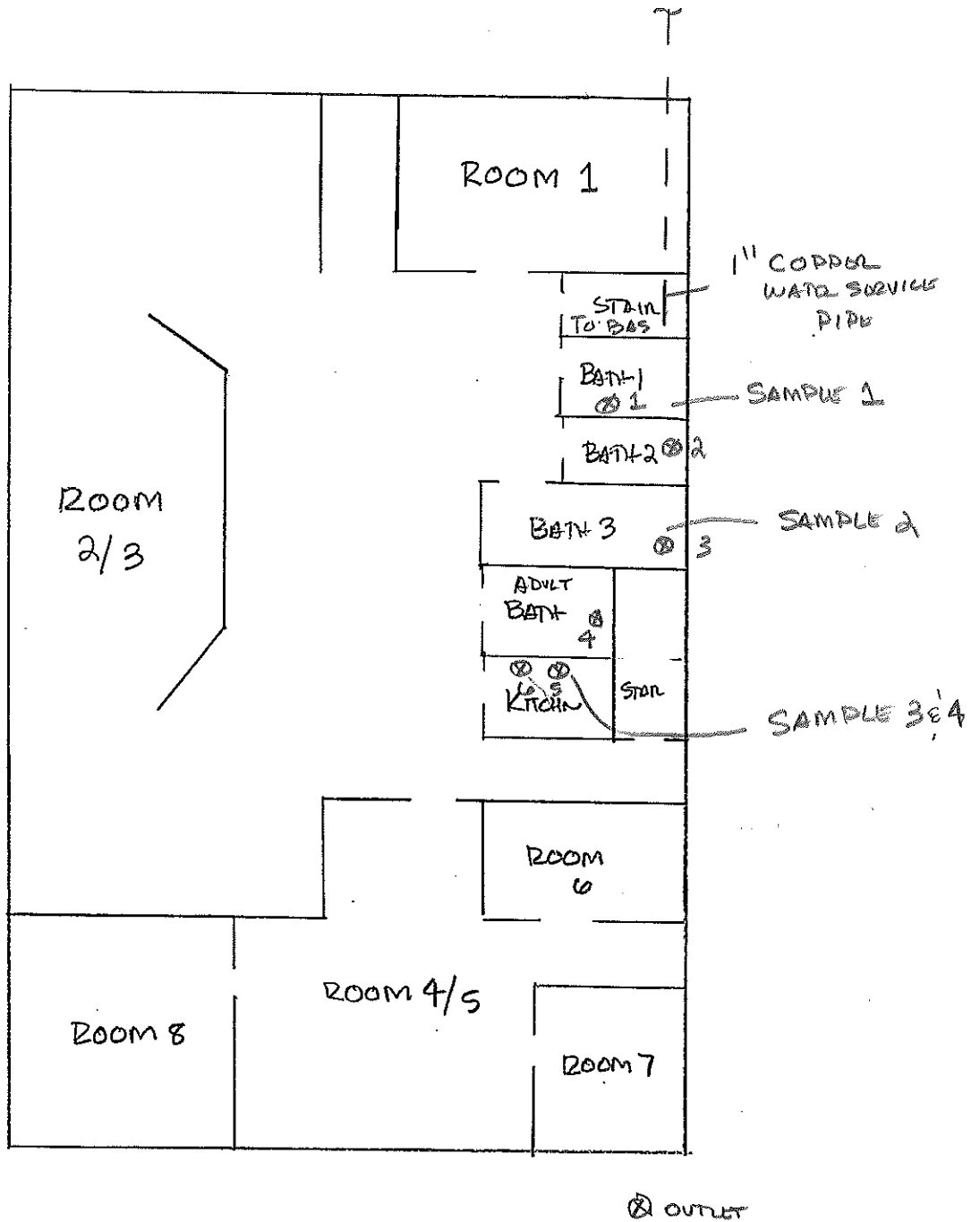
Individual school project officer Name/Signature:

Date Completed:

# ¹	Type	Location	Code	Operational ² (Y/N)	Signs of Corrosion ³ (Y/N)	Filter ⁴ (Y/N)	Brass Fittings, Faucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler	
											Make	Model
1	IWF	BANROOM 1		Y	N	N	Y	N	N	N	-	-
2		BANROOM 2		Y	N	N	Y	N	N	N	-	-
3		BANROOM 3		Y	N	N	Y	N	N	N	-	-
4		ADULT BATL		Y	N	N	Y	N	N	U	-	-
5		KITCHEN		X	N	N	Y	N	N	N	-	-
6	↓	"		Y	N	N	Y	N	N	N	-	-

IWF- INDOOR WATER FAUCET

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.



436 RIDGE ROAD
NORTH BRUNTON NJ

Mandell Lead Inspectors, Inc
dba
**MANDELL ENVIRONMENTAL
CONSULTING**

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mandelllead@verizon.net * www.mandellenvironmental.com