Mandell Lead Inspectors, Inc
MLI
dba

MANDELL ENVIRONMENTAL CONSULTING

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

Limited Water Sampling Report

Project Name: Unified Vailsburg Services Organization
Project Location: 179 Smith Street, Newark, NJ
Date of Sampling: March 23, 2024

Limited water sampling was performed by Mandell Environmental Consulting at Unified Vailsburg Services Organization, 179 Smith Street, Newark, NJ. Water samples were collected from the kitchen sink faucet, and 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 03/23/2024

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
SM-1	Outlet 1	<1.0	138	Ug/L	Neg.
SM-2	Outlet 2	<1.0	123	ug/L	Neg.
SM-3	Outlet 5	<1.0	91.5	ug/L	Neg.
SM-4	Outlet 4	<1.0	101	ug/L	Neg.
SM-5	Outlet 8	<1.0	121	ug/L	Neg.
SM-6	Outlet 7	1.2	97.1	ug/L	Neg.
SM-7	Outlet 20	<1.0	140	ug/L	Neg.
SM-8	Outlet 11	<1.0	128	ug/L	Neg.
SM-9	Outlet 13	<1.0	148	ug/L	Neg.
SM-10	Outlet 15	<1.0	182	ug/L	Neg.
SM-11	Outlet 18	<1.0	118	ug/L	Neg.
SM-12	Water Fountain	<1.0	96.0	ug/L	Neg.

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: Stuart Casciano Date: 5-30-2024

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

April 12, 2024

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

RE: Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Dear Stuart Casciano:

Enclosed are the analytical results for sample(s) received by the laboratory on April 09, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

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

Sincerely,

Kimberley Mack

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

Enclosures

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

CERTIFICATIONS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

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

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-1 OUTLET 1 **Lab ID: 70293410001** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**138**	ug/L	2.0	1		04/11/24 16:38	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 16:38	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-2 OUTLET 2 **Lab ID: 70293410002** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**123**	ug/L	2.0	1		04/11/24 16:39	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 16:39	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-3 OUTLET 5 **Lab ID: 70293410003** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**91.5**	ug/L	2.0	1		04/11/24 16:41	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 16:41	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-4 OUTLET 4 **Lab ID: 70293410004** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**101**	ug/L	2.0	1		04/11/24 16:45	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 16:45	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-5 OUTLET 8 **Lab ID: 70293410005** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**121**	ug/L	2.0	1		04/11/24 16:47	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 16:47	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-6 OUTLET 7 **Lab ID: 70293410006** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**97.1**	ug/L	2.0	1		04/11/24 16:50	7440-50-8	
Lead	**1.2**	ug/L	1.0	1		04/11/24 16:50	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-7 OUTLET 20 **Lab ID: 70293410007** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**140**	ug/L	2.0	1		04/11/24 16:56	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 16:56	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-8 OUTLET 11 **Lab ID: 70293410008** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**128**	ug/L	2.0	1		04/11/24 16:59	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 16:59	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-9 OUTLET 13 **Lab ID: 70293410009** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**148**	ug/L	2.0	1		04/11/24 17:02	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 17:02	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-10 OUTLET 15 **Lab ID: 70293410010** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**182**	ug/L	2.0	1		04/11/24 17:14	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 17:14	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-11 OUTLET 18 **Lab ID: 70293410011** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**118**	ug/L	2.0	1		04/11/24 17:17	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 17:17	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Sample: SM-12 **Lab ID: 70293410012** Collected: 03/23/24 10:25 Received: 04/09/24 08:30 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	**96.0**	ug/L	2.0	1		04/11/24 17:20	7440-50-8	
Lead	**<1.0**	ug/L	1.0	1		04/11/24 17:20	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

QC Batch: 343959
QC Batch Method: EPA 200.8
Analysis Method: EPA 200.8
Analysis Description: 200.8 MET No Prep Drinking Water
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70293410001, 70293410002, 70293410003, 70293410004, 70293410005, 70293410006, 70293410007, 70293410008, 70293410009

METHOD BLANK: 1774959 Matrix: Water
Associated Lab Samples: 70293410001, 70293410002, 70293410003, 70293410004, 70293410005, 70293410006, 70293410007, 70293410008, 70293410009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	04/11/24 16:20	
Lead	ug/L	<1.0	1.0	04/11/24 16:20	

LABORATORY CONTROL SAMPLE: 1774960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	51.0	102	85-115	
Lead	ug/L	50	49.9	100	85-115	

MATRIX SPIKE SAMPLE: 1774963

Parameter	Units	70293292001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	87.5	50	135	95	70-130	
Lead	ug/L	<1.0	50	49.0	97	70-130	

MATRIX SPIKE SAMPLE: 1774965

Parameter	Units	70293292002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	45.9	50	90.2	89	70-130	
Lead	ug/L	<1.0	50	47.8	95	70-130	

SAMPLE DUPLICATE: 1774962

Parameter	Units	70293292001 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	87.5	91.6	5	
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1774964

Parameter	Units	70293292002 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	45.9	45.4	1	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

SAMPLE DUPLICATE: 1774964

Parameter	Units	70293292002 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.

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

QC Batch: 343960
QC Batch Method: EPA 200.8
Analysis Method: EPA 200.8
Analysis Description: 200.8 MET No Prep Drinking Water
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70293410010, 70293410011, 70293410012

METHOD BLANK: 1774966 Matrix: Water
Associated Lab Samples: 70293410010, 70293410011, 70293410012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	04/11/24 17:08	
Lead	ug/L	<1.0	1.0	04/11/24 17:08	

LABORATORY CONTROL SAMPLE: 1774967

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	48.1	96	85-115	
Lead	ug/L	50	49.9	100	85-115	

MATRIX SPIKE SAMPLE: 1774969

Parameter	Units	70293430001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	<2.0	50	48.7	94	70-130	
Lead	ug/L	<1.0	50	48.1	96	70-130	

MATRIX SPIKE SAMPLE: 1774971

Parameter	Units	70293430002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	<2.0	50	49.3	95	70-130	
Lead	ug/L	<1.0	50	48.0	96	70-130	

SAMPLE DUPLICATE: 1774968

Parameter	Units	70293430001 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	<2.0	<2.0		
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1774970

Parameter	Units	70293430002 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

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

QUALIFIERS

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: UVSO 179 SMITH STREET 3/23
Pace Project No.: 70293410

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70293410001	SM-1 OUTLET 1	EPA 200.8	343959		
70293410002	SM-2 OUTLET 2	EPA 200.8	343959		
70293410003	SM-3 OUTLET 5	EPA 200.8	343959		
70293410004	SM-4 OUTLET 4	EPA 200.8	343959		
70293410005	SM-5 OUTLET 8	EPA 200.8	343959		
70293410006	SM-6 OUTLET 7	EPA 200.8	343959		
70293410007	SM-7 OUTLET 20	EPA 200.8	343959		
70293410008	SM-8 OUTLET 11	EPA 200.8	343959		
70293410009	SM-9 OUTLET 13	EPA 200.8	343959		
70293410010	SM-10 OUTLET 15	EPA 200.8	343960		
70293410011	SM-11 OUTLET 18	EPA 200.8	343960		
70293410012	SM-12	EPA 200.8	343960		

WO# : 70293410

70293410

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

2054211

Section A — Required Client Information:
Company: MANDEL ENGINEERING
Address: 469 MEWSINK ROAD SUITE 103, TOTOWA, NJ 07512
Email To: MANDELLAB@VERIZON.NET
Phone: 973-785-3324 Fax: 973-785-3241
Requested Due Date/TAT: 5 DAY

Section B — Required Project Information:
Report To: MANDEL ENG.
Copy To:
Purchase Order No.:
Project Name: UVSO
Project Number: 179 SMITH STREET NEWARK NJ

Section C — Invoice Information:
Attention:
Company Name: MANDEL ENG.
Address: SAME
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

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

Section D — Required Client Information

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

SAMPLE ID (A-Z, 0-9 / ,) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
SM-1 OUTLET 1	DW	G	3/28	12:45	10/25/24			1			✓						LEAD			
SM-2 2																	COPPER			
SM-3 3																				
SM-4 4																				
SM-5 5																				
SM-6 7																				
SM 7 20																				
SM 8 11																				
SM 9 13																				
SM 10 15																				
SM 11 18																				
SM 12																				

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
	3-9-24	2:47		4/2/24	1228
Pace	4/9/24	15:30	Pace	4/9	8:30
Pace	4/9	8:30	Pace LI	4/9	8:30

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

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: STUART CASCIANO
SIGNATURE of SAMPLER:
DATE Signed (MM/DD/YY): 3-28-2024

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

Client: MEC Profile #: 5901 ☐ Use Point Number Spreadsheet ☐ Multiday Project

Work ID: WO 3/23(P) COC Page _____ of _____ ☐ Add SCLOGFD to first sample for field charge

Sample ID	Matrix	VG9U	VG9C	VG9H	VG9S	DG9T	DG9Y	DG9P	DG9A	DG6T	DG9S	AG4U	AG3U	AG2U	AG1U	AG4A	AG3S	AG4E	AG3T	AG2R	AG1T	AG1H	AG1A	CG1U	BP4U	BP3U	BP2U	BP1U	BP3S	BP2S	BP4N	BP3N	BP2N	BP3C	BP3T	BP3S	BP3R	BP1Z	BP1N	BP1B	SP5T	R	WG2U	WGFU	WGKU	WGDU	ZPLC	GN	WP	IOC	SOC
1																																																				
3																																																					
4																																																					
5																																																					
7																																																					
8																																																					
9																																																					
10																																																					
11																																																					
12																																																					

Container Codes

Glass				Plastic				Misc.	
VG9U	40mL unpres clear vial	AG4U	125mL unpres amber glass	BP4U	125mL unpreserved plastic			SP5T	120mL Coliform Na Thio
VG9C	40mL Ascorbic-HCl clear vial	AG3U	250mL unpres amber glass	BP3U	250mL unpreserved plastic			R	Terracore Kit
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber glass	BP2U	500mL unpreserved plastic*			WG2U	2oz Unpreserved Jar
VG9S	40mL Sulfuric clear vial	AG1U	1liter unpres amber glass	BP1U	1L unpreserved plastic			WGFU	4oz Unpreserved Jar
DG9T	40mL Na Thiosulfate vial	AG3A	Ammonium Cl 250mL bottle	BP4N	125mL HNO3 plastic			WGKU	8oz Unpreserved Jar
DG9Y	40mL Citrate-Na Thiosulfate	AG3S	250mL H2SO4 amber glass	BP3N	250mL HNO3 plastic			WGDU	16oz Unpreserved Jar
DG9P	40mL amber vial - TSP	AG4E	125mL EDA amber glass	BP2N	500mL HNO3 plastic			ZPLC	Ziplock Bag
DG9A	Ascorbic/Maleic Acid 40mL	AG3T	250mL Na Thio amber glass	BP3S	250mL H2SO4 plastic			TEDL	Tedlar Bag
DG6T	Na Thio 60mL Vial	AG2R	Na Sulfite 500mL (blue Cap)	BP2S	500mL H2SO4 plastic			BG1H	1L HCL Clear Glass
DG9S	Ammonium Cl/CuSO4 40mL	AG1T	Na Thiosulfate 1L bottle	BP3C	NaOH 250mL bottle			GN	General
CG1U	1L Unpres Jar (Con Ed)	AG1H	1L HCl amber glass	BP3T	250mL Trizma			WP	Wipe
		AG1A	(NH4Cl)	BP3S	250mL Ammonium Acetate				
WG9O	8oz clear soil jar			BP3R	250mL NH4SO4-NH4OH				
WG4O	4oz clear soil jar			BP1Z	1L NaOH, Zn Acetate				
				BP1N	1L HNO3 plastic				
				BP1B	Na Thiosulfate Amber Bottle				

IOC	
BP1U	1L unpreserved plastic
BP3N*	250mL HNO3 plastic
BP3C	250mL Sodium Hydroxide
AG2U	500mL unpres amber glass

* Can also be a BP4N

Matrix	
WT	Water
SL	Solid
NAL	Non-aqueous Liquid
OL	OIL
WP	Wipe
DW	Drinking Water

SOC	
VG9T	40mL Na Thio amber vial
DG9A	40mL Ascorbic acid/ maleic Acid vials
DG9Y	Citrate/Na Thiosulfate 40mL
DG6T	Na Thiosulfate 60mL vial
DG6M	MonoClAcetic/Na Thio 60mL
AG3U	250mL unpres amber glass
AG3T	Na Thiosulfate 250mL bottle
BP1B	Na Thiosulfate Amber bottle
AG1T	Na Thiosulfate 1L Amber
AG1A	525.3 Chemical Blend

Sender Initials _____

Additional Comments

WO#: 70293410
Due Date: 04/15/24
PM: KMM
CLIENT: MEC

WO#: 70293410

Client Name: MEC Project #

PM: KMM Due Date: 04/15/24
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 ☐ Ziplot ☐ None ☐ Other Type of Ice: Wet Blue None 4/9/24 [illegible]

Thermometer Used: TH211 Correction Factor: -0.4 ☐ Samples on ice, cooling process has begun
Cooler Temperature(°C): 0.7 Cooler Temperature Corrected(°C): 0.3 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 orignate 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: 4/9/24 [illegible]

				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: -Pace Containers Used:	☑Yes ☑Yes	☐No ☐No		9.
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL WT OIL OTHER	☑Yes	☐No		12.

Date and Initials of person checking preservation: 4/9/24 [illegible]

All containers needing preservation have been checked. pH paper Lot # 211824	☑Yes	☐No	☐N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl Sample # :
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	☑Yes	☐No	☐N/A	Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Samples checked for dechlorination: KI starch test strips Lot # Residual chlorine strips Lot #	☐Yes	☐No	☑N/A	14. Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sul Lead Acetate Strips Lot #	☐Yes	☐No	☑N/A	15. Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	16.
Trip Blank Present:	☐Yes	☐No	☑N/A	17.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	

DATE AND INITIALS OF PERSON COMPLETING SECOND REVIEW: WL 4/9/24

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: UNIFIED VAILSBURG SERVICES ORGANIZATION Address: 179 SMITH STREET NEWARK NJ

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

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

#[1]	Type	Location	Code	Operational[2] (Y/N)	Signs of Corrosion[3] (Y/N)	Filter[4] (Y/N)	Brass Fittings, Faucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler		Co
											Make	Model	
12	IWF	CLASS 202		Y	N	N	N	Y	N	N			
13		"											
14		CLASS 203											
15		" "											
16		" "											
17		CLASS 201											
18		" "											
19		" "											
20		2FL BATH											
21		1FL SAN CLOS											
FL	WF	2FL HALL		N				N					

IWF - INDOOR WATER FAUCET WP = FOOD PREPARATION

WF = WATER FOUNTAIN

[1] Number outlets starting at the closest outlet to the Point of Entry (POE).

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

[3] Signs of corrosion detected, such as but not limited to frequent leaks, rust-colored water, or stained fixtures, dishes, or laundry.

[4] Document on Attachment D- Filter Inventory.

Attachment C – Drinking Water Outlet Inventory

(Complete for each school)

Name of School: UNITED VAILSBURG SERVICES Address: 199 SMITH STREET NEWARK NJ

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

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

#[1]	Type	Location	Code	Operational[2] (Y/N)	Signs of Corrosion[3] (Y/N)	Filter[4] (Y/N)	Brass Fittings, Faucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler		Co
											Make	Model	
S-13	FP	KITCHEN		Y	N	N	N	Y	N	N			

[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: UNIFIED VAILSBURG SERVICES Grade Levels: _____

Address: 179 SMITH STREET NEWARK NJ

Individual School Project Officer Signature: _____ Date: _____

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

Attachment C – Drinking Water Outlet Inventory

(Complete for each school)

Name of School: UNIFIED VAILSBURG SERVICES ORGANIZATION Address: 179 SMITH STREET NEWARK NJ

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

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

#[1]	Type	Location	Code	Operational[2] (Y/N)	Signs of Corrosion[3] (Y/N)	Filter[4] (Y/N)	Brass Fittings, Faucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler		Co
											Make	Model	
1	IWF	CLASS 102		Y	N	N	N	Y	N	N			
2		" "											
3		" "											
4		CLASS 103											
5		" "											
6		" "											
7		CLASS 104											
8		" "											
9		" "											
10		IFL BATH											
11	↓	CLASS 202		↓	↓	↓	↓	↓	↓	↓			

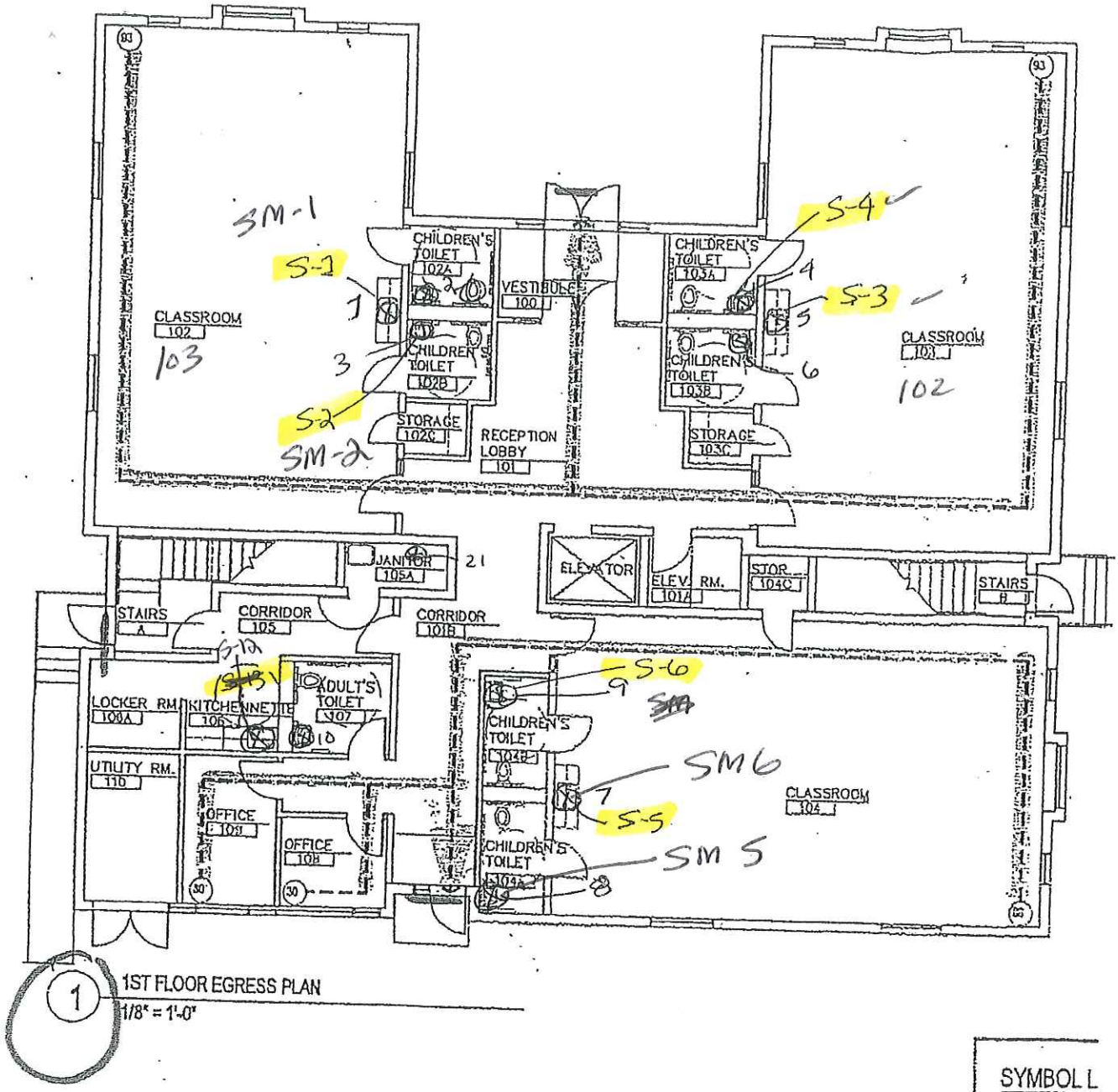
IWF - INDOOR WATER FAUCET

WF = WATER FOUNTAIN

WP = FOOD PREPARATION

[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.

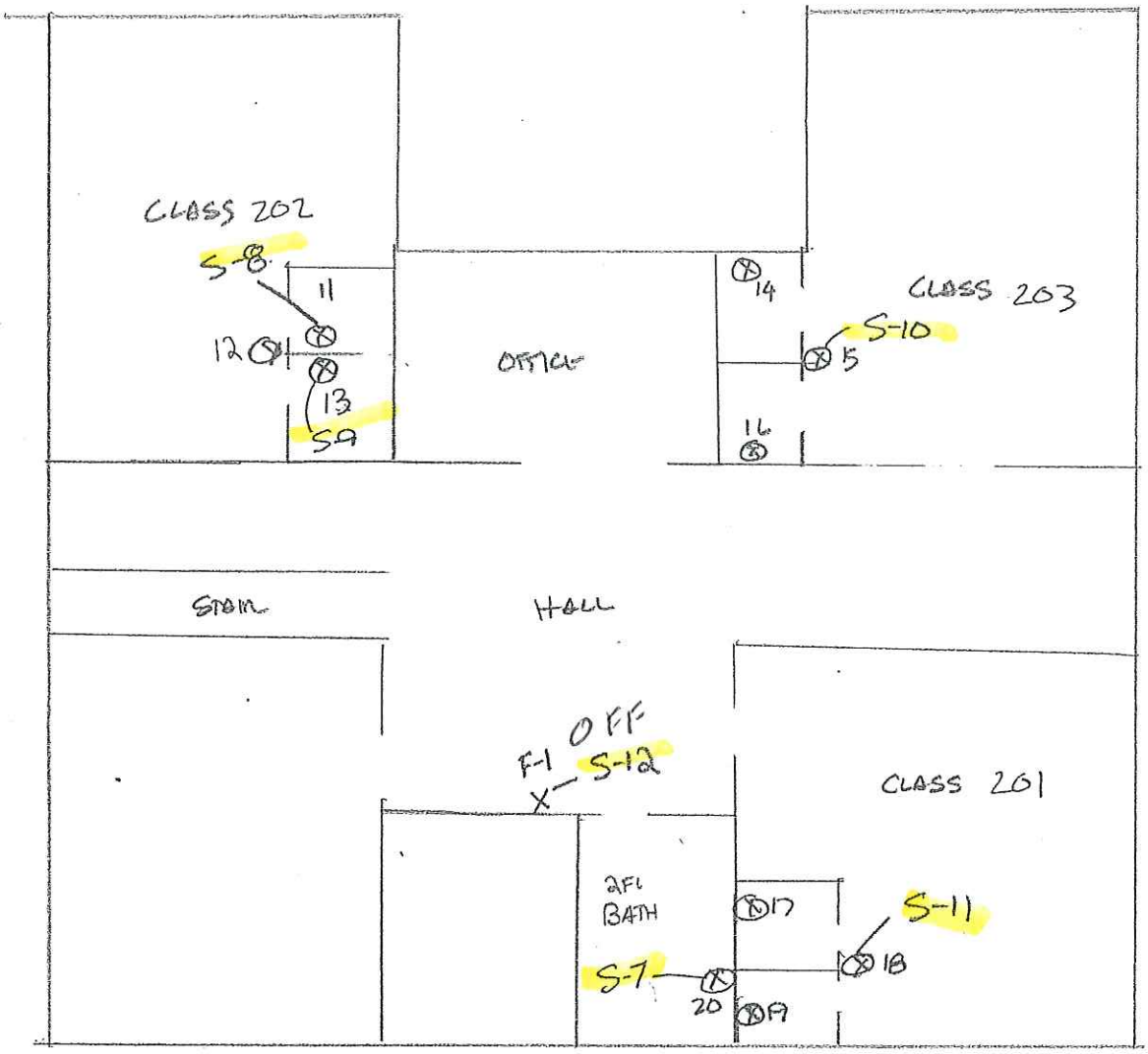
START 10:25



SYMBOL L

TRAVI

SM-1 S-1



2FL

179 SMITH STREET
NEWARK NJ

Mandell Lead Inspectors, Inc
dba
MANDELL ENVIRONMENTAL
CONSULTING

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mandelllead@verizon.net * www.mandellenvironmental.com