



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: 475 Irvington Avenue, Newark, NJ

Date of Sampling: March 23, 2024

Limited water sampling was performed by Mandell Environmental Consulting at Unified Vailsburg Services Organization, 475 Irvington Avenue, Newark, NJ. Water samples were collected from the kitchen sink faucet and water cooler 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 03/23/2024

Sample Number	Source	Results Lead	Results Copper	Units	Pos/Neg
V-1	Outlet 1	<1.0	9.9	Ug/L	Neg.
V-2	Outlet 2	<1.0	12.1	ug/L	Neg.
V-3	Outlet 7	<1.0	35.8	ug/L	Neg.
V-4	Outlet 11	<1.0	12.5	ug/L	Neg.
V-5	Outlet 9	<1.0	48.7	ug/L	Neg.
V-6	Outlet 13	<1.0	33.1	ug/L	Neg.
V-7	Outlet 14	<1.0	48.8	ug/L	Neg.
V-8	Outlet 15	<1.0	10.2	ug/L	Neg.
V-9	Outlet 16	<1.0	47.6	ug/L	Neg.
V-10	Outlet 20	<1.0	47.7	ug/L	Neg.
V-11	Outlet 19	<1.0	45.2	ug/L	Neg.
V-12	Outlet 18	<1.0	12.6	ug/L	Neg.
V-13	Outlet 21	<1.0	12.5	ug/L	Neg.
V-14	Outlet 23	<1.0	49.4	ug/L	Neg.
V-15	Outlet 24	<1.0	9.0	ug/L	Neg.
V-16	Outlet 26	<1.0	32.7	ug/L	Neg.
V-17	Outlet 27	<1.0	21.7	ug/L	Neg.
V-18	Outlet 29	<1.0	46.0	ug/L	Neg.
V-19	Outlet 30	<1.0	47.9	ug/L	Neg.
V-20	Outlet 31	<1.0	14.5	ug/L	Neg.
V-21	Outlet 35	<1.0	40.5	ug/L	Neg.
V-22	Outlet 39	<1.0	56.1	ug/L	Neg.
V-23	Outlet 42	<1.0	38.9	ug/L	Neg.
V-24	Outlet 40	<1.0	11.6	ug/L	Neg.
V-25	Outlet 47	<1.0	44.0	ug/L	Neg.
FP-1	Kitchen 1	<1.0	24.7	ug/L	Neg.
FP-2	Kitchen 2	<1.0	22.2	ug/L	Neg.
FP-3	Staff Lounge	<1.0	33.5	ug/L	Neg.
WC-1	Water Cooler	<1.0	<2.0	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:  Date: 5-30-2024



April 12, 2024

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

RE: Project: UVSO 475 IRVINGTON AVE 3/23
Pace Project No.: 70293411

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

Enclosures



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CERTIFICATIONS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

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: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-1 OUTLET 1		Lab ID: 70293411001	Collected: 03/23/24 00:00	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	9.9	ug/L	2.0	1		04/11/24 16:42	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 16:42	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-2 OUTLET 2		Lab ID: 70293411002	Collected: 03/23/24 00:00	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	12.1	ug/L	2.0	1		04/11/24 16:44	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 16:44	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-3 OUTLET 7		Lab ID: 70293411003	Collected: 03/23/24 00:00	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	35.8	ug/L	2.0	1		04/11/24 16:48	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 16:48	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-4 OUTLET 11		Lab ID: 70293411004	Collected: 03/23/24 00:00	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	12.5	ug/L	2.0	1		04/11/24 16:51	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 16:51	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-5 OUTLET 9		Lab ID: 70293411005	Collected: 03/23/24 00:00	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	48.7	ug/L	2.0	1		04/11/24 16:57	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 16:57	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-6 OUTLET 13		Lab ID: 70293411006	Collected: 03/23/24 00:00	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	33.1	ug/L	2.0	1		04/11/24 17:01	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:01	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-7 OUTLET 14		Lab ID: 70293411007	Collected: 03/23/24 00:00	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	48.8	ug/L	2.0	1		04/11/24 17:04	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:04	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-8 OUTLET 15	Lab ID: 70293411008	Collected: 03/23/24 00:00	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	10.2	ug/L	2.0	1		04/11/24 17:05	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:05	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-9 OUTLET 16		Lab ID: 70293411009	Collected: 03/23/24 00:00	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	47.6	ug/L	2.0	1		04/11/24 17:16	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:16	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-10 OUTLET 20	Lab ID: 70293411010	Collected: 03/23/24 00:00	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	47.7	ug/L	2.0	1		04/11/24 17:19	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:19	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-11 OUTLET 19	Lab ID: 70293411011	Collected: 03/23/24 00:00	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	45.2	ug/L	2.0	1		04/11/24 17:22	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:22	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-12 OUTLET 18		Lab ID: 70293411012	Collected: 03/23/24 00:00	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	12.6	ug/L	2.0	1		04/11/24 17:23	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:23	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: V-13 OUTLET 21		Lab ID: 70293411013		Collected: 03/23/24 00:00	Received: 04/09/24 08:30	Matrix: Drinking Water		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	12.5	ug/L	2.0	1		04/11/24 17:25	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:25	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: V-14 OUTLET 23		Lab ID: 70293411014		Collected: 03/23/24 00:00	Received: 04/09/24 08:30	Matrix: Drinking Water		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	49.4	ug/L	2.0	1		04/11/24 17:26	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:26	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-15 OUTLET 24		Lab ID: 70293411015	Collected: 03/23/24 00:00	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	9.0	ug/L	2.0	1		04/11/24 17:28	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:28	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: V-16 OUTLET 26		Lab ID: 70293411016		Collected: 03/23/24 00:00	Received: 04/09/24 08:30	Matrix: Drinking Water		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	32.7	ug/L	2.0	1		04/11/24 17:32	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:32	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-17 OUTLET 27		Lab ID: 70293411017	Collected: 03/23/24 00:00	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	21.7	ug/L	2.0	1		04/11/24 17:34	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:34	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: V-18 OUTLET 29		Lab ID: 70293411018		Collected: 03/23/24 00:00	Received: 04/09/24 08:30	Matrix: Drinking Water		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	46.0	ug/L	2.0	1		04/11/24 17:35	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:35	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: V-19 OUTLET 30		Lab ID: 70293411019		Collected: 03/23/24 00:00	Received: 04/09/24 08:30	Matrix: Drinking Water		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	47.9	ug/L	2.0	1		04/11/24 17:37	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:37	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: V-20 OUTLET 31		Lab ID: 70293411020		Collected: 03/23/24 00:00	Received: 04/09/24 08:30	Matrix: Drinking Water		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	14.5	ug/L	2.0	1		04/11/24 17:39	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:39	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: V-21 OUTLET 35		Lab ID: 70293411021		Collected: 03/23/24 00:00	Received: 04/09/24 08:30	Matrix: Drinking Water		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	40.5	ug/L	2.0	1		04/11/24 17:42	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 17:42	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: V-22 OUTLET 39								
Lab ID: 70293411022								
Collected: 03/23/24 00:00								
Received: 04/09/24 08:30								
Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water								
Analytical Method: EPA 200.8								
Pace Analytical Services - Melville								
Copper	56.1	ug/L	2.0	1		04/11/24 18:00	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 18:00	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-23 OUTLET 42		Lab ID: 70293411023	Collected: 03/23/24 00:00	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	38.9	ug/L	2.0	1		04/11/24 18:01	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 18:01	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: V-24 OUTLET 40								
Lab ID: 70293411024								
Collected: 03/23/24 00:00								
Received: 04/09/24 08:30								
Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water								
Analytical Method: EPA 200.8								
Pace Analytical Services - Melville								
Copper	11.6	ug/L	2.0	1		04/11/24 18:04	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 18:04	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: V-25 OUTLET 47		Lab ID: 70293411025	Collected: 03/23/24 00:00	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	44.0	ug/L	2.0	1		04/11/24 18:09	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 18:09	7439-92-1	

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: FP-1 KITCHEN 1		Lab ID: 70293411026		Collected: 03/23/24 00:00	Received: 04/09/24 08:30	Matrix: Drinking Water		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	24.7	ug/L	2.0	1		04/11/24 18:12	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 18:12	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: FP-2 KITCHEN 2		Lab ID: 70293411027		Collected: 03/23/24 00:00	Received: 04/09/24 08:30	Matrix: Drinking Water		
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Copper	22.2	ug/L	2.0	1		04/11/24 18:13	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 18:13	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: FP-3 STAFF LOUNGE		Lab ID: 70293411028	Collected: 03/23/24 00:00	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	33.5	ug/L	2.0	1		04/11/24 18:15	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 18:15	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Sample: WC-1 WATER COOLER Lab ID: 70293411029 Collected: 03/23/24 00:00 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	<2.0	ug/L	2.0	1		04/11/24 18:16	7440-50-8	
Lead	<1.0	ug/L	1.0	1		04/11/24 18:16	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

QC Batch:	343959	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:	70293411001, 70293411002, 70293411003, 70293411004, 70293411005, 70293411006, 70293411007, 70293411008		

METHOD BLANK:	1774959	Matrix:	Water
Associated Lab Samples:	70293411001, 70293411002, 70293411003, 70293411004, 70293411005, 70293411006, 70293411007, 70293411008		

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.

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QUALITY CONTROL DATA

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

SAMPLE DUPLICATE: 1774964

Parameter	Units	70293292002 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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QUALITY CONTROL DATA

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

QC Batch:	343960	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:	70293411009, 70293411010, 70293411011, 70293411012, 70293411013, 70293411014, 70293411015, 70293411016, 70293411017, 70293411018, 70293411019, 70293411020, 70293411021		

METHOD BLANK:	1774966	Matrix:	Water
Associated Lab Samples:	70293411009, 70293411010, 70293411011, 70293411012, 70293411013, 70293411014, 70293411015, 70293411016, 70293411017, 70293411018, 70293411019, 70293411020, 70293411021		

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		

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QUALITY CONTROL DATA

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

SAMPLE DUPLICATE: 1774970

Parameter	Units	70293430002 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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

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QUALITY CONTROL DATA

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

QC Batch:	343961	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:	70293411022, 70293411023, 70293411024, 70293411025, 70293411026, 70293411027, 70293411028, 70293411029		

METHOD BLANK:	1774974	Matrix:	Water
Associated Lab Samples:	70293411022, 70293411023, 70293411024, 70293411025, 70293411026, 70293411027, 70293411028, 70293411029		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	ug/L	<2.0	2.0	04/11/24 17:57	
Lead	ug/L	<1.0	1.0	04/11/24 17:57	

LABORATORY CONTROL SAMPLE: 1774975						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	50	46.9	94	85-115	
Lead	ug/L	50	49.8	100	85-115	

MATRIX SPIKE SAMPLE: 1774977							
Parameter	Units	70293430003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	<2.0	50	47.3	91	70-130	
Lead	ug/L	<1.0	50	46.0	92	70-130	

MATRIX SPIKE SAMPLE: 1774979							
Parameter	Units	70293430004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	ug/L	<2.0	50	47.0	91	70-130	
Lead	ug/L	<1.0	50	48.1	96	70-130	

SAMPLE DUPLICATE: 1774976					
Parameter	Units	70293430003 Result	Dup Result	RPD	Qualifiers
Copper	ug/L	<2.0	<2.0		
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1774978					
Parameter	Units	70293430004 Result	Dup Result	RPD	Qualifiers
Copper	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: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

SAMPLE DUPLICATE: 1774978

Parameter	Units	70293430004 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

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QUALIFIERS

Project: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

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: UVSO 475 IRVINGTON AVE 3/23

Pace Project No.: 70293411

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70293411001	V-1 OUTLET 1	EPA 200.8	343959		
70293411002	V-2 OUTLET 2	EPA 200.8	343959		
70293411003	V-3 OUTLET 7	EPA 200.8	343959		
70293411004	V-4 OUTLET 11	EPA 200.8	343959		
70293411005	V-5 OUTLET 9	EPA 200.8	343959		
70293411006	V-6 OUTLET 13	EPA 200.8	343959		
70293411007	V-7 OUTLET 14	EPA 200.8	343959		
70293411008	V-8 OUTLET 15	EPA 200.8	343959		
70293411009	V-9 OUTLET 16	EPA 200.8	343960		
70293411010	V-10 OUTLET 20	EPA 200.8	343960		
70293411011	V-11 OUTLET 19	EPA 200.8	343960		
70293411012	V-12 OUTLET 18	EPA 200.8	343960		
70293411013	V-13 OUTLET 21	EPA 200.8	343960		
70293411014	V-14 OUTLET 23	EPA 200.8	343960		
70293411015	V-15 OUTLET 24	EPA 200.8	343960		
70293411016	V-16 OUTLET 26	EPA 200.8	343960		
70293411017	V-17 OUTLET 27	EPA 200.8	343960		
70293411018	V-18 OUTLET 29	EPA 200.8	343960		
70293411019	V-19 OUTLET 30	EPA 200.8	343960		
70293411020	V-20 OUTLET 31	EPA 200.8	343960		
70293411021	V-21 OUTLET 35	EPA 200.8	343960		
70293411022	V-22 OUTLET 39	EPA 200.8	343961		
70293411023	V-23 OUTLET 42	EPA 200.8	343961		
70293411024	V-24 OUTLET 40	EPA 200.8	343961		
70293411025	V-25 OUTLET 47	EPA 200.8	343961		
70293411026	FP-1 KITCHEN 1	EPA 200.8	343961		
70293411027	FP-2 KITCHEN 2	EPA 200.8	343961		
70293411028	FP-3 STAFF LOUNGE	EPA 200.8	343961		
70293411029	WC-1 WATER COOLER	EPA 200.8	343961		

REPORT OF LABORATORY ANALYSIS

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

Section A Required Client Information: Company: MANDEL ENVIRONMENTAL Address: 401 MANASSAS ROAD Suite: 100 City: TOTOWAUNGUS NJ 07093 Phone: 973-783-5200 Fax: 973-783-5201 Requested Date/Time: 5:30 AM		Section B Required Project Information: Report To: MANDEL ENV. Copy To: MANDEL ENV. Purchase Order No.: UV30 Project Name: 475 IRWINGTON AVE NEWARK NJ Project Number: NEWARK NJ		Section C Invoice Information: Attention: MANDY Company Name: MANDEL ENV. Address: 2054211 PACE Quick Reference: SAME PACE Project Manager: MANDY PACE Profile #: MANDY		Section D Required Client Information: Sample ID: SAMPLE ID (A-Z, 0-9, /, -) Sample ID MUST BE UNIQUE	
Matrix Codes Drinking Water: DW Waste Water: WT Precipitate: P Soil/Solid: SL Oil: OL Wipes: WIP Air: AR Tissue: TS Other: OT		Matrix Code: DW Sample Type: (S-GRAB C-COMP) Matrix Code: DW Sample Type: (S-GRAB C-COMP)		Requested Analysis Filtered (Y/N) Residual Chlorine (Y/N)			
Collected: DATE: 3-23-2024 TIME: 11:00 AM Composite Start: DATE: 3-23-2024 TIME: 11:00 AM Composite End/Grab: DATE: 3-23-2024 TIME: 11:00 AM		# OF CONTAINERS: 1 SAMPLE TEMP AT COLLECTION: 11		Preservatives: HCl, HNO ₃ , H ₂ SO ₄ , Unpreserved, Other: LEAD			
Relinquished By / Affiliation: MANDY Date: 3-23-2024 Time: 11:00 AM		Accepted By / Affiliation: MANDY Date: 4-9-2024 Time: 10:00 AM		Received on: 4-9-2024 Temp in °C: 10 Ice (Y/N): N Custody Sealed Cooler (Y/N): N Samples Intact (Y/N): Y			
Additional Comments: ORIGINAL		Sampler Name and Signature: S. COCCIANO Print Name of Sampler: S. COCCIANO Signature of Sampler: [Signature]		Date Signed (IMMEDIATE): 4-9-2024			

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

Section A
Required Client Information:
Company: **MANDELL ENVIRONMENTAL**
Address: **409 MANASSAS ROAD**
Suite 101, TOTOWAH, NJ 07072
Phone: **973-785-8224** Fax: **973-785-8251**
Requested Date: **DATE: 5 PM**

Section B
Required Project Information:
Report For: **MANDELL ENV.**
Copy To:
Purchase Order No.:
Project Name: **UVSO**
Project Number: **475 IRVINGTON AVE NEWARK NJ**

Section C
Invoice Information:
Attention:
Company Name: **MANDELL ENV.**
Address:
Please Check: NPDES GROUND WATER DRINKING WATER
 UST RCRA OTHER
Site Location: **NJ**
REGULATORY AGENCY

Page: **2** of **3**
2054211

SAMPLE ID (AZ, 0-9/A) Sample IDs MUST BE UNIQUE	Matrix Code Drinking Water Water Waste Water Precipitate Soil/Solid Oil Wipe Air Tissue Other	Matrix Code DW WT VWV P SL CL WP AR TS OT	COLLECTED		DATE	TIME	SAMPLER NAME AND SIGNATURE	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
			COMPOSITE START	COMPOSITE END/GRAB									
V-13	OUTLET				3-23-2024			4-4-2024	15:06	Samir G. [Signature]	4/8/24	18:08	
V-14													
V-15													
V-16													
V-17													
V-18													
V-19													
V-20													
V-21													
V-22													
V-23													
V-24													

Section D
Requested Analysis Filtered (Y/N)

Requested Analysis Filtered (Y/N)

Page Project No./ Lab ID.

Temp in °C

Received on

Is (Y/N)

Custody

Sealed Cooler (Y/N)

Samples In/act (Y/N)

DATE SIGNED (IMMEDIACY): **9-9-2024**

DATE SIGNED (IMMEDIACY): **9-9-2024**

PRINT NAME OF SAMPLER: **S. CASCIANO**

SIGNATURE OF SAMPLER: [Signature]

SAMPLER NAME AND SIGNATURE

ADDITIONAL COMMENTS

RELINQUISHED BY / AFFILIATION: [Signature]

DATE: 4-4-2024

TIME: 15:06

ACCEPTED BY / AFFILIATION: [Signature]

DATE: 4/8/24

TIME: 18:08

RELINQUISHED BY / AFFILIATION: [Signature]

DATE: 4/9

TIME: 8:30

ACCEPTED BY / AFFILIATION: [Signature]

DATE: 4/9

TIME: 8:30

RELINQUISHED BY / AFFILIATION: [Signature]

DATE: 4/9

TIME: 0:7

ACCEPTED BY / AFFILIATION: [Signature]

DATE: 4/9

TIME: 0:7



CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A: Required Client Information
 Company: **MANDRELL ENVIRONMENTAL**
 Address: **459 MANASSAS ROAD**
 Suite: **102** | Total Area: **NO 6752**
 Email: **MANDRELL ENVIRONMENTAL**
 Phone: **703-755-8524** | Fax: **703-755-8524**
 Requested Due Date: **5 DAY**

Section B: Required Project Information
 Report To: **MANDRELL ENV.**
 Copy To: **MANDRELL ENV.**

Section C: Invoicing Information
 Client: **MANDRELL ENV.**
 Address: **3 SAME**
 Project Name: **UVSO**
 Project Number: **475 IRVINGTON AVE NEWARK NJ**
 Purchase Order No.: **2054211**

Section D: Required Client Information
 Regulatory Agency: **NJ**
 NPDES: GROUND WATER DRINKING WATER
 UST: RORA: OTHER:

SAMPLE ID (AZ, 0-9 /) Sample IDs MUST BE UNIQUE	Matrix Codes MATRIX CODES Drinking Water Water Waste Water Product Soil/Solid Oil Wipe Air Tissue Other	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (GRAB or COMP)	COLLECTED		SAMPLER NAME AND SIGNATURE	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
				COMPOSITE START	COMPOSITE END/GRAB							
V-AS OUTLET 47		DW			DATE: 3-23-2024		4-4-2023					
EP-1 KITCHEN 1		WT					4/8/24	15:00	Langston	4/8/24	10:28	
EP-2 "		WW					4/9	8:50	Langston	4/9	4:50	
EP-3 SHOP LOUNGE		SL					4/9	8:30	Langston	4/9	8:30	
WC-1 WATER COOL		FL										

Section E: Requested Analysis Filtered (Y/N)

Residual Chlorine (Y/N)	
Analysts Test (Y/N)	LEAD
Other	
Methanol	
Na ₂ S ₂ O ₃	
NaOH	
HCl	
HNO ₃	
H ₂ SO ₄	
Unpreserved	

Section F: Additional Comments

Section G: Signatures and Dates

RELINQUISHED BY / AFFILIATION: **Langston** DATE: **4-4-2023** TIME: **15:00**

ACCEPTED BY / AFFILIATION: **Langston** DATE: **4/8/24** TIME: **10:28**

Section H: Samples Intact (Y/N)

Sealed Cooler (Y/N)

Custody Received on (Y/N)

Temp in °C

DATE SIGNED (MM/DD/YYYY): **4-9-2024**

PRINT NAME OF SAMPLER: **S. CACCIANO**

SIGNATURE OF SAMPLER: *[Signature]*

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

Work ID: **UNSO 3/23 (P)** of **AG1A** Add SCLOGFD to first sample for field charge

COG	Sample	Matrix	Container	Material	Volume	Notes
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100						

Matrix

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

IOC

BP1U	1L unreserved plastic
BP3N*	250mL HNO3 plastic
BP3C	250mL Sodium Hydroxide
AG3U	500mL unreserved amber glass

* Can also be a BP1N

SOC

VG9T	140mL Na Thio amber vial
DG9A	40mL Ascorbic acid/maleic acid vial
DG9Y	Chloride/Na Thiosulfate 40mL
DG6T	Na Thiosulfate 60mL vial
DG6M	MonoChloride/Na Thio 60mL
AG3U	250mL unreserved amber glass
AG3T	Na Thiosulfate 250mL bottle
BP1B	Na Thiosulfate Amber bottle
AG1T	Na Thiosulfate 1L Amber
AG1A	525.3 Chemical Blend

Container	Material	Volume	Notes
AG4U	125mL unreserved plastic	SP2T	170mL Coliform Na Thio
AG3U	250mL unreserved plastic	R	Terracore Kit
AG2U	500mL unreserved plastic	WG2U	2oz Unreserved Jar
AG1U	1L unreserved plastic	WG1U	4oz Unreserved Jar
AG34	Ammonium Cl 250mL bottle	WG4U	8oz Unreserved Jar
AG3S	250mL H2SO4 plastic	WG5U	16oz Unreserved Jar
AG4E	125mL HNO3 plastic	ZPLC	Ziplock Bag
AG3T	250mL H2SO4 plastic	FEDL	Toddler Bag
AG2R	500mL H2SO4 plastic	BG1H	1L HCL Clear Glass
AG1H	NaOH 250mL bottle	GN	General
AG1A	250mL Trizma	WP	Wipe
BP35	250mL Ammonium Acetate		
BP3R	250mL NH4SO4-NH4OH		
BP17	1L NaOH Zn Acetate		
BP1N	1L HNO3 plastic		
BP1B	Na Thiosulfate Amber Bottle		

Sender Initials _____

WO#: 70293411
PM: KMM Due Date: **04/15/24**
CLIENT: MEC

Additional Comments

WO#: 70293411

Client Name: MEC Project # _____
 Courier: Fed Ex UPS USPS Client Commercial Pac Other _____
 Tracking #: _____

PM: KMM Due Date: 04/15/24
 CLIENT: MEC

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: 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 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: 4/9/24 (WR)

	COMMENTS:
Chain of Custody Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1.
Chain of Custody Filled Out: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2.
Chain of Custody Relinquished: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3.
Sampler Name & Signature on COC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	9.
-Pace Containers Used: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	10.
Containers Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	11.
Filtered volume received for Dissolved tests: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	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: SL <u>WT</u> OIL OTHER	

Date and Initials of person checking preservation: 4/9/24 (WR)

All containers needing preservation have been <u>checked</u> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A pH paper Lot # <u>222821 21021</u>	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A (NAOH > 12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis	Sample #
Samples checked for dechlorination: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A KI starch test strips Lot #	Initial when completed: _____ Lot # of added preservative: _____ Date/Time preservative added: _____
Residual chlorine strips Lot #	14. Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sul <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Lead Acetate Strips Lot #	15. Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

DATE AND INITIALS OF PERSON COMPLETING SECOND REVIEW: WR 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 VALSORDA SERVICES Address: 475 IRVINGTON AVENUE
ORLANDAVILLE NEWARK, NJ

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

Individual school project officer Name/Signature: _____

Date Completed: _____

#	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		Col
											Make	Model	
1	IWF	KITCHEN		Y	N	N	N	Y	N	N			
2		Room 113											
3		"											
4		"											
5		Room 112											
6		"											
7		"											
8		STAFF BATH											
9		Room 105											
10		"											
11		"											

IWF = WATER FOUNTAIN ; IWF = INDOOR WATER FAUCET ; FP 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.

Attachment C - Drinking Water Outlet Inventory

(Complete for each school)

Name of School: UNIFED VALSORDA SERVICES ORGANIZATION Address: 475 IRVINGTON AVENUE
NEWARK, NJ

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 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		Col
											Make	Model	
12	IWF	ROOM 104		Y	N	N	N	Y	N	N			
13		"											
14		"											
15		ROOM 103											
16		"											
17		"											
18		ROOM 102											
19		"											
20		"											
21		ROOM 101											
22		"											

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Attachment C - Drinking Water Outlet Inventory

(Complete for each school)

Name of School: UNIFED VALSOUTH SERVICES ORGANIZATION Address: 475 IRVINGTON AVENUE
NEWARK, NJ

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

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

#	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	
23	IWF												
23	IWF	ROOM 101		Y	N		N	Y	N				
24		ROOM 209											
25		" "											
26		" "											
27		ROOM 208											
28		" "											
29		" "											
30		2FL SNAPP BAR+											
31		ROOM 205											
32		" "											

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Attachment C - Drinking Water Outlet Inventory

(Complete for each school)

Name of School: UNIFED VALSBURG SERVICES ORGANIZATION Address: 475 IRVINGTON AVENUE
NEWARK, NJ

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

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

#	Type	Location	Code	Operational ² (Y/N)	Signs of Corrosion ³ (Y/N)	Filter ⁴ (Y/N)	Brass Fittings Raucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler		Co
											Make	Model	
33	IWF	ROOM 205		Y	N	N	N	Y	N				
34		ROOM 204											
35		" "											
36		" "											
37		ROOM 203											
38		" "											
39		" "											
40		ROOM 202											
41		" "											
42		" "											
43		ROOM 201											

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Attachment C - Drinking Water Outlet Inventory

(Complete for each school)

Name of School: UNIFED VALSOUTH SERVICES ORGANIZATION Address: 475 IRVINGTON AVENUE
NEWARK, NJ

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 ³ (Y/N)	Filter (Y/N)	Brass Fittings/ Faucets or valves? (Y/N)	Aerator/ Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler		Co
											Make	Model	
44	IWF	Room 201		Y	N	N	N	N	N				
45	IWF	" "											
FP1	FP	KITCHEN											
FP2	"	"											
FP3	"	STAFF LOUNGE											
F1	WF	Room 113		N									
F2		Room 112		N									
F3		Room 105		N									
F4		Room 104		N									
F5		Room 103		N									
F6	↓	Room 102		N									

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

Name of School: UNIFLD VALSOUTH SERVICES Address: 475 IRVINGTON AVENUE
NEWARK, NJ
OPERATION

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

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

#	Type	Location	Code	Operational? (Y/N)	Signs of Corrosion ³ (Y/N)	Filter ⁴ (Y/N)	Brass Fittings, Faucets or Valves? (Y/N)	Aerator/Screen (Y/N)	Motion Activated (Y/N)	Chiller (Y/N)	Water Cooler		Col
											Make	Model	
F7	WF	ROOM 101		N	N	N	N	N	N				
F8		1 209		N	N	N	N	N	N				
F9		1 208		N	N	N	N	N	N				
F10		4 205		N	N	N	N	N	N				
F11		6 204		N	N	N	N	N	N				
F12		1 203		N	N	N	N	N	N				
F13		4 202		N	N	N	N	N	N				
F14		1 201		N	N	N	N	N	N				

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