



December 13, 2024

Maureen Doherty
Orange-Ulster BOCES
53 Gibson Road
Goshen, NY 10924

RE: Project: Warwick Valley CSD-NY3530148
Pace Project No.: 70323490

Dear Maureen Doherty:

Enclosed are the analytical results for sample(s) received by the laboratory on November 21, 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 - Newburgh

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

Sincerely,

A handwritten signature in black ink that reads "Felicia Morgan-Nichols".

Felicia Morgan-Nichols
felicia.morgan-nichols@pacelabs.com
(845)562-0890
Project Manager

Enclosures

cc: Mikayla Higgins, Orange-Ulster BOCES
Ashley Kimiecik, Orange-Ulster BOCES
Halina Redner, Orange-Ulster BOCES



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Pace Analytical Services, LLC- Newburgh, NY

315 Fullerton Avenue, Newburgh, NY 12550

New York Certification #: 10142 Primary Accrediting Body

New Jersey Certification #: NY015

Connecticut Certification #: PH-0823

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Method: EPA 200.8, Rev. 5.4

Description: NB 200.8 ICPMS DW No Prep

Client: Orange-Ulster BOCES

Date: December 13, 2024

General Information:

39 samples were analyzed for EPA 200.8, Rev. 5.4 by Pace Analytical Services Newburgh. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Sample: BF near Gym		Lab ID: 70323490001		Collected: 11/21/24 05:25		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	

NB 200.8 ICPMS DW No Prep
Analytical Method: EPA 200.8, Rev. 5.4
Pace Analytical Services - Newburgh

Lead	ND	ug/L	1.0	1		11/27/24 12:02	7439-92-1
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Sample: DF # 1 near Gym		Lab ID: 70323490002		Collected: 11/21/24 05:26		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	

NB 200.8 ICPMS DW No Prep
Analytical Method: EPA 200.8, Rev. 5.4
Pace Analytical Services - Newburgh

Lead	ND	ug/L	1.0	1		11/27/24 13:59	7439-92-1
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Sample: DF # 2 near Gym		Lab ID: 70323490003		Collected: 11/21/24 05:27		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	

NB 200.8 ICPMS DW No Prep
Analytical Method: EPA 200.8, Rev. 5.4
Pace Analytical Services - Newburgh

Lead	ND	ug/L	1.0	1		11/27/24 12:17	7439-92-1
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Sample: Kitchen Prep Sink - window opp		Lab ID: 70323490004		Collected: 11/21/24 05:40		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	

NB 200.8 ICPMS DW No Prep
Analytical Method: EPA 200.8, Rev. 5.4
Pace Analytical Services - Newburgh

Lead	ND	ug/L	1.0	1		11/27/24 12:18	7439-92-1
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Sample: Main Office Right Sink		Lab ID: 70323490005		Collected: 11/21/24 05:59		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual

NB 200.8 ICPMS DW No Prep
Analytical Method: EPA 200.8, Rev. 5.4
Pace Analytical Services - Newburgh

Lead	ND	ug/L	1.0	1		11/27/24 12:20	7439-92-1
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ANALYTICAL RESULTS

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Sample: Nurses Office NS		Lab ID: 70323490006		Collected: 11/21/24 06:05		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:21	7439-92-1		
Sample: BF near Main Office		Lab ID: 70323490007		Collected: 11/21/24 05:51		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:22	7439-92-1		
Sample: DF #1 near Main Office		Lab ID: 70323490008		Collected: 11/21/24 05:53		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:24	7439-92-1		
Sample: DF #2 near Main Office		Lab ID: 70323490009		Collected: 11/21/24 05:55		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:27	7439-92-1		
Sample: 6 CS		Lab ID: 70323490010		Collected: 11/21/24 05:48		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	2.8	ug/L	1.0	1		11/27/24 12:28	7439-92-1		

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ANALYTICAL RESULTS

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Sample: 7 CS		Lab ID: 70323490011	Collected: 11/21/24 05:44		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	3.6	ug/L	1.0	1		11/27/24 12:29	7439-92-1	
Sample: 100 CS		Lab ID: 70323490012	Collected: 11/21/24 06:07		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	3.2	ug/L	1.0	1		11/27/24 12:34	7439-92-1	
Sample: 102 CS		Lab ID: 70323490013	Collected: 11/21/24 06:09		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	ND	ug/L	1.0	1		11/27/24 12:35	7439-92-1	
Sample: 106 CS		Lab ID: 70323490014	Collected: 11/21/24 06:11		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	7.9	ug/L	1.0	1		11/27/24 12:36	7439-92-1	
Sample: 107 CS		Lab ID: 70323490015	Collected: 11/21/24 06:12		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	7.9	ug/L	1.0	1		11/27/24 12:38	7439-92-1	

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ANALYTICAL RESULTS

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Sample: 108 CS		Lab ID: 70323490016		Collected: 11/21/24 06:17		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	8.3	ug/L	1.0	1		11/27/24 12:39	7439-92-1		
Sample: BF near 112		Lab ID: 70323490017		Collected: 11/21/24 06:19		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:41	7439-92-1		
Sample: DF # 1 near 112		Lab ID: 70323490018		Collected: 11/21/24 06:21		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:42	7439-92-1		
Sample: DF # 2 near 112		Lab ID: 70323490019		Collected: 11/21/24 06:23		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:51	7439-92-1		
Sample: 310 CS		Lab ID: 70323490020		Collected: 11/21/24 06:51		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	6.1	ug/L	1.0	1		11/27/24 12:52	7439-92-1		

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ANALYTICAL RESULTS

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Sample: 304 CS		Lab ID: 70323490021		Collected: 11/21/24 07:02		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:53	7439-92-1		

Sample: BF near 304		Lab ID: 70323490022		Collected: 11/21/24 06:57		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:55	7439-92-1		

Sample: DF #1 near 304		Lab ID: 70323490023		Collected: 11/21/24 06:58		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:56	7439-92-1		

Sample: DF #2 near 304		Lab ID: 70323490024		Collected: 11/21/24 07:00		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:58	7439-92-1		

Sample: 309 CS		Lab ID: 70323490025		Collected: 11/21/24 06:49		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 12:59	7439-92-1		

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ANALYTICAL RESULTS

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Sample: 311 CS		Lab ID: 70323490026		Collected: 11/21/24 06:45		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 13:00	7439-92-1		
Sample: 312 CS		Lab ID: 70323490027		Collected: 11/21/24 06:43		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	ND	ug/L	1.0	1		11/27/24 13:02	7439-92-1		
Sample: 313 CS		Lab ID: 70323490028		Collected: 11/21/24 06:41		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	2.7	ug/L	1.0	1		11/27/24 13:03	7439-92-1		
Sample: 402 CS		Lab ID: 70323490029		Collected: 11/21/24 06:26		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	3.9	ug/L	1.0	1		11/27/24 13:09	7439-92-1		
Sample: 403 CS		Lab ID: 70323490030		Collected: 11/21/24 06:28		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh							
Lead	8.2	ug/L	1.0	1		11/27/24 13:10	7439-92-1		

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ANALYTICAL RESULTS

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Sample: 404 CS		Lab ID: 70323490031	Collected: 11/21/24 06:30		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	2.5	ug/L	1.0	1		11/27/24 13:12	7439-92-1	
Sample: 405 CS		Lab ID: 70323490032	Collected: 11/21/24 06:31		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	3.3	ug/L	1.0	1		11/27/24 13:13	7439-92-1	
Sample: 406 CS		Lab ID: 70323490033	Collected: 11/21/24 06:34		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	2.3	ug/L	1.0	1		11/27/24 13:14	7439-92-1	
Sample: 407 CS		Lab ID: 70323490034	Collected: 11/21/24 06:35		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	4.9	ug/L	1.0	1		11/27/24 13:16	7439-92-1	
Sample: 408 CS		Lab ID: 70323490035	Collected: 11/21/24 06:36		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NB 200.8 ICPMS DW No Prep		Analytical Method: EPA 200.8, Rev. 5.4 Pace Analytical Services - Newburgh						
Lead	10.0	ug/L	1.0	1		11/27/24 13:17	7439-92-1	

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ANALYTICAL RESULTS

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Sample: BF near 202		Lab ID: 70323490036		Collected: 11/21/24 06:40		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	

NB 200.8 ICPMS DW No Prep
Analytical Method: EPA 200.8, Rev. 5.4
Pace Analytical Services - Newburgh

Lead	ND	ug/L	1.0	1		11/27/24 13:19	7439-92-1		
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Sample: DF # 1 near 202		Lab ID: 70323490037		Collected: 11/21/24 07:07		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	

NB 200.8 ICPMS DW No Prep
Analytical Method: EPA 200.8, Rev. 5.4
Pace Analytical Services - Newburgh

Lead	ND	ug/L	1.0	1		11/27/24 13:20	7439-92-1		
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Sample: DF # 2 near 202		Lab ID: 70323490038		Collected: 11/21/24 07:08		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	

NB 200.8 ICPMS DW No Prep
Analytical Method: EPA 200.8, Rev. 5.4
Pace Analytical Services - Newburgh

Lead	ND	ug/L	1.0	1		11/27/24 13:24	7439-92-1		
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Sample: Kitchen Prep Sink -1		Lab ID: 70323490039		Collected: 11/21/24 05:37		Received: 11/21/24 09:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	

NB 200.8 ICPMS DW No Prep
Analytical Method: EPA 200.8, Rev. 5.4
Pace Analytical Services - Newburgh

Lead	ND	ug/L	1.0	1		11/27/24 13:30	7439-92-1		
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QUALITY CONTROL DATA

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

QC Batch:	372529	Analysis Method:	EPA 200.8, Rev. 5.4
QC Batch Method:	EPA 200.8, Rev. 5.4	Analysis Description:	NB 200.8 ICPMS DW No Prep
		Laboratory:	Pace Analytical Services - Newburgh
Associated Lab Samples:	70323490001, 70323490002, 70323490003, 70323490004, 70323490005, 70323490006, 70323490007, 70323490008, 70323490009, 70323490010, 70323490011, 70323490012, 70323490013, 70323490014, 70323490015, 70323490016, 70323490017		

METHOD BLANK:	1949412	Matrix:	Water
Associated Lab Samples:	70323490001, 70323490002, 70323490003, 70323490004, 70323490005, 70323490006, 70323490007, 70323490008, 70323490009, 70323490010, 70323490011, 70323490012, 70323490013, 70323490014, 70323490015, 70323490016, 70323490017		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	1.0	11/27/24 11:50	

LABORATORY CONTROL SAMPLE:	1949413					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.6	99	85-115	

MATRIX SPIKE SAMPLE:		1949415					
		70323132001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	<1.0	50	54.9	109	70-130	

MATRIX SPIKE SAMPLE:		1949417					
		70323490008	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	ND	50	54.3	109	70-130	

SAMPLE DUPLICATE:	1949414				
Parameter	Units	70323132001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	.4J		

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: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

QC Batch:	372532	Analysis Method:	EPA 200.8, Rev. 5.4
QC Batch Method:	EPA 200.8, Rev. 5.4	Analysis Description:	NB 200.8 ICPMS DW No Prep
		Laboratory:	Pace Analytical Services - Newburgh
Associated Lab Samples:	70323490018, 70323490019, 70323490020, 70323490021, 70323490022, 70323490023, 70323490024, 70323490025, 70323490026, 70323490027, 70323490028, 70323490029, 70323490030, 70323490031, 70323490032, 70323490033, 70323490034, 70323490035, 70323490036, 70323490037		

METHOD BLANK: 1949428

Matrix: Water

Associated Lab Samples: 70323490018, 70323490019, 70323490020, 70323490021, 70323490022, 70323490023, 70323490024, 70323490025, 70323490026, 70323490027, 70323490028, 70323490029, 70323490030, 70323490031, 70323490032, 70323490033, 70323490034, 70323490035, 70323490036, 70323490037

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	1.0	11/27/24 11:50	

LABORATORY CONTROL SAMPLE: 1949429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.6	99	85-115	

MATRIX SPIKE SAMPLE: 1949431

Parameter	Units	70323490018 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	ND	50	53.1	106	70-130	

MATRIX SPIKE SAMPLE: 1949433

Parameter	Units	70323490028 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	2.7	50	58.6	112	70-130	

SAMPLE DUPLICATE: 1949430

Parameter	Units	70323490018 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	ND	ND		

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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QUALITY CONTROL DATA

Project: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

QC Batch: 372534

Analysis Method: EPA 200.8, Rev. 5.4

QC Batch Method: EPA 200.8, Rev. 5.4

Analysis Description: NB 200.8 ICPMS DW No Prep

Laboratory: Pace Analytical Services - Newburgh

Associated Lab Samples: 70323490038, 70323490039

METHOD BLANK: 1949436

Matrix: Water

Associated Lab Samples: 70323490038, 70323490039

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	1.0	11/27/24 11:50	

LABORATORY CONTROL SAMPLE: 1949437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.6	99	85-115	

MATRIX SPIKE SAMPLE: 1949439

Parameter	Units	70323490038 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	ND	50	55.8	112	70-130	

MATRIX SPIKE SAMPLE: 1949441

Parameter	Units	70322841001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	56.3	112	70-130	

SAMPLE DUPLICATE: 1949438

Parameter	Units	70323490038 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	ND	ND		

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: Warwick Valley CSD-NY3530148
Pace Project No.: 70323490

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: Warwick Valley CSD-NY3530148

Pace Project No.: 70323490

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70323490001	BF near Gym	EPA 200.8, Rev. 5.4	372529		
70323490002	DF # 1 near Gym	EPA 200.8, Rev. 5.4	372529		
70323490003	DF # 2 near Gym	EPA 200.8, Rev. 5.4	372529		
70323490004	Kitchen Prep Sink - window opp	EPA 200.8, Rev. 5.4	372529		
70323490005	Main Office Right Sink	EPA 200.8, Rev. 5.4	372529		
70323490006	Nurses Office NS	EPA 200.8, Rev. 5.4	372529		
70323490007	BF near Main Office	EPA 200.8, Rev. 5.4	372529		
70323490008	DF #1 near Main Office	EPA 200.8, Rev. 5.4	372529		
70323490009	DF #2 near Main Office	EPA 200.8, Rev. 5.4	372529		
70323490010	6 CS	EPA 200.8, Rev. 5.4	372529		
70323490011	7 CS	EPA 200.8, Rev. 5.4	372529		
70323490012	100 CS	EPA 200.8, Rev. 5.4	372529		
70323490013	102 CS	EPA 200.8, Rev. 5.4	372529		
70323490014	106 CS	EPA 200.8, Rev. 5.4	372529		
70323490015	107 CS	EPA 200.8, Rev. 5.4	372529		
70323490016	108 CS	EPA 200.8, Rev. 5.4	372529		
70323490017	BF near 112	EPA 200.8, Rev. 5.4	372529		
70323490018	DF # 1 near 112	EPA 200.8, Rev. 5.4	372532		
70323490019	DF # 2 near 112	EPA 200.8, Rev. 5.4	372532		
70323490020	310 CS	EPA 200.8, Rev. 5.4	372532		
70323490021	304 CS	EPA 200.8, Rev. 5.4	372532		
70323490022	BF near 304	EPA 200.8, Rev. 5.4	372532		
70323490023	DF #1 near 304	EPA 200.8, Rev. 5.4	372532		
70323490024	DF #2 near 304	EPA 200.8, Rev. 5.4	372532		
70323490025	309 CS	EPA 200.8, Rev. 5.4	372532		
70323490026	311 CS	EPA 200.8, Rev. 5.4	372532		
70323490027	312 CS	EPA 200.8, Rev. 5.4	372532		
70323490028	313 CS	EPA 200.8, Rev. 5.4	372532		
70323490029	402 CS	EPA 200.8, Rev. 5.4	372532		
70323490030	403 CS	EPA 200.8, Rev. 5.4	372532		
70323490031	404 CS	EPA 200.8, Rev. 5.4	372532		
70323490032	405 CS	EPA 200.8, Rev. 5.4	372532		
70323490033	406 CS	EPA 200.8, Rev. 5.4	372532		
70323490034	407 CS	EPA 200.8, Rev. 5.4	372532		
70323490035	408 CS	EPA 200.8, Rev. 5.4	372532		
70323490036	BF near 202	EPA 200.8, Rev. 5.4	372532		
70323490037	DF # 1 near 202	EPA 200.8, Rev. 5.4	372532		
70323490038	DF # 2 near 202	EPA 200.8, Rev. 5.4	372534		
70323490039	Kitchen Prep Sink -1	EPA 200.8, Rev. 5.4	372534		

REPORT OF LABORATORY ANALYSIS

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Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Newburgh, NY
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Orange-Ulster BOCES
Street Address: 53 Gibson Road
Goshen, NY 10924
Contact/Report To: Maureen Doherty
Phone #: 845-781-4887
E-Mail: Maureen.Doherty@ouboces.org
Cc E-Mail: Halina.redner@ouboces.org

Customer Project #: Invoice to: Halina Redner
Project Name: Warwick Valley CSD Invoice E-mail: halina.redner@ouboces.org
Site Collection Info/Facility ID (as applicable): Purchase Order # (if applicable): A24-00300
Sanfordville ES Quote #:

Time Zone Collected: [] AK [] PT [] MT [] CT ☒ ET County / State origin of sample(s): Orange County / New York

Data Deliverables: Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [] Yes [] No
[] Level II [] Level III [] Level IV
[] EQUIS
[] Other: Rush (Pre-approval required): DW PWSID # or WW Permit # as applicable: NY3530148
[] Same Day [] 1 Day [] 2 Day [] 3 Day Other: Field Filtered (if applicable): [] Yes [] No
Date Results Requested: Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Lead	Lab Use Only	Sample Comment	Preservation non-conformance identified for sample.
			Date	Time	Date	Time		Result	Units				
1. BF near Gym	DW	G			11/21/24	5:25	1			X			
2. DF # 1 near Gym	DW	G			11/21/24	5:26	1			X			
3. DF # 2 near Gym	DW	G			11/21/24	5:27	1			X			
4. Kitchen Prep Sink - 20' by window opp	DW	G			11/21/24	5:40	1			X			
5. Main Office Right Sink	DW	G			11/21/24	5:59	1			X			
6. Nurse's Office NS	DW	G			11/21/24	6:05	1			X			
7. BF near Main Office	DW	G			11/21/24	5:51	1			X			
8. DF # 1 near Main Office	DW	G			11/21/24	5:53	1			X			
9. DF# 2 near Main Office	DW	G			11/21/24	5:55	1			X			
10. 6 CS	DW	G			11/21/24	5:48	1			X			

Additional Instructions from Pace®: Collected By: Maureen P. Doherty
Printed Name: Signature: Maureen P. Doherty

Customer Remarks / Special Conditions / Possible Hazards: # Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [] On Ice

Relinquished by/Company: (Signature) Date/Time: 11/21/24 9:50AM Received by/Company: (Signature) Date/Time: 11/21/24 0950 Tracking Number:
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: Delivered by: [] In-Person [] Courier
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: [] FedEx [] UPS [] Other
Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: Page: 1 of 4

WO# : 70323490



70323490

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>

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Pace® Location Requested (City/State): **CHAIN-OF-CUSTODY Analytical Request Document**
Newburgh, NY
Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company Name: Orange-Ulster BOCES
Street Address:
53 Gibson Road
Goshen, NY 10924

Customer Project #:
Project Name:
Warwick Valley CSD
Site Collection Info/Facility ID (as applicable):
Sanfordville ES

Time Zone Collected: [] AK [] PT [] MT [] CT ☒ ET
County / State origin of sample(s): Orange County / New York

Data Deliverables:
[] Level II [] Level III [] Level IV
[] EQU/S
[] Other

Regulatory Program (DW, RCRA, etc.) as applicable:
Reportable [] Yes [] No
Rush (Pre-approval required):
[] Same Day [] 1 Day [] 2 Day [] 3 Day Other
Date Results Requested:
DW PWSID # or WW Permit # as applicable:
NY3530148
Field Filtered (if applicable): [] Yes [] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Customer Sample ID	Matrix *	Comp / Grab	Composite Start		Collected or Composite End		# Cont.	Residual Chlorine		Lead	Lab Use Only	Sample Comment	Preservation non-conformance identified for sample.
			Date	Time	Date	Time		Result	Units				
11. 7 CS	DW	G			11/21/24	5:44	1			X			
12. 100 CS	DW	G			11/21/24	6:07	1			X			
13. 102 CS	DW	G			11/21/24	6:09	1			X			
14. 106 CS	DW	G			11/21/24	6:11	1			X			
15. 107 CS	DW	G			11/21/24	6:12	1			X			
16. 108 CS	DW	G			11/21/24	6:17	1			X			
17. BF near 112	DW	G			11/21/24	6:19	1			X			
18. DF# 1 near 112	DW	G			11/21/24	6:21	1			X			
19. DF # 2 near 112	DW	G			11/21/24	6:23	1			X			
20. 310 CS	DW	G			11/21/24	6:51	1			X			

Additional Instructions from Pace®:

Collected By: Printed Name **Maureen P. Doherty**
Signature **Maureen P. Doherty**

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C): Corrected Temp. (°C): [] On Ice

Relinquished by/Company: (Signature) **Maureen P. Doherty OUBOCES** Date/Time: **11/21/24; 9:50 AM** Received by/Company: (Signature) **[Signature]** Date/Time: **11/21/24 09:50** Tracking Number:

Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: Delivered by: [] In-Person [] Courier

Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: [] FedEx [] UPS [] Other

Relinquished by/Company: (Signature) Date/Time: Received by/Company: (Signature) Date/Time: Page: **2** of **4**

WO# : 70323490

PM: FMN

Due Date: 11/28/24

CLIENT: NB-OU BOCES

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>

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WO#: 70323490

PM: FMN

Due Date: 11/28/24

CLIENT: NB-OU BOCES

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at <https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/>

ENV-FRM-CORQ-0019 v02 110123 ©

Sample Condition Upon Receipt Form (SCUR)

Project # 70323490
Client: DU BOIS

Date and Initials of person:
Examining contents: _____
Label: _____
Deliver to location: _____
pH: _____

Thermometer Used: _____ IRG4 _____ Date: 11/21 Time: 0950 Initials: _____

State of Origin: NY

Cooler #1 Temp. °C 18.1 (Visual) 0.2 @ 0.0°C -0.5 @ 20.0°C (Correction Factor) _____ (Actual) ☒ Samples on ice, cooling process has begun

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

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☐ Standard Overnight ☐ Ground
☐ Other _____

Tracking # _____

Custody Seal on Cooler/Box Present: ☐ Yes ☐ No Seals intact: ☐ Yes ☐ No Ice: Wet Blue Melted None

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other _____

Samples were collected by Pace employee ☐ Yes ☐ No ☐ N/A

Comments:

Chain of Custody Present	☒ Yes	☐ No	☐ N/A
Chain of Custody Filled Out	☒ Yes	☐ No	☐ N/A
Relinquished Signature on COC	☒ Yes	☐ No	☐ N/A
Sampler Name and Signature on COC	☒ Yes	☐ No	☐ N/A
Samples Arrived within Hold Time	☒ Yes	☐ No	☐ N/A
Rush TAT requested on COC	☐ Yes	☐ No	☐ N/A
Sufficient Volume	☒ Yes	☐ No	☐ N/A
Correct Containers Used	☒ Yes	☐ No	☐ N/A
Containers Intact	☒ Yes	☐ No	☐ N/A
Sample Labels match COC (sample IDs & date/time of collection)	☒ Yes	☐ No	☐ N/A
All containers needing acid/base preservation have been checked.	☐ Yes	☐ No	☐ N/A
All Containers needing preservation are found to be in compliance with EPA recommendation:	☐ Yes	☐ No	☐ N/A
Exceptions: Vials, Microbiology, O&G, Metals			
Headspace in VOA Vials? (>6mm):	☐ Yes	☐ No	☐ N/A
Trip Blank Present:	☐ Yes	☐ No	☐ N/A

Additional Login Comments:

Client notification/ Resolution

Person Contacted: _____

Date/Time: _____

Comments/Resolution: _____