



June 30, 2025

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

RE: Project: Warwick Valley CSD - Kings ES
Pace Project No.: 70361389

Dear Maureen Doherty:

Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2025. 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,

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
Juliana Lennon, Orange-Ulster BOCES
Halina Redner, Orange-Ulster BOCES



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Warwick Valley CSD - Kings ES

Pace Project No.: 70361389

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

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PROJECT NARRATIVE

Project: Warwick Valley CSD - Kings ES

Pace Project No.: 70361389

Method: EPA 200.8, Rev. 5.4

Description: NB 200.8 ICPMS DW No Prep

Client: Orange-Ulster BOCES

Date: June 30, 2025

General Information:

13 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 - Kings ES

Pace Project No.: 70361389

Sample: Kitchen KS left Store		Lab ID: 70361389001	Collected: 06/17/25 06:20	Received: 06/17/25 09:35	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	2.2	ug/L	1.0	1		06/27/25 13:00	7439-92-1	
Sample: DF across from Main Office		Lab ID: 70361389002	Collected: 06/17/25 06:22	Received: 06/17/25 09:35	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	1.2	ug/L	1.0	1		06/27/25 13:02	7439-92-1	
Sample: Cafe Prep Rm KS		Lab ID: 70361389003	Collected: 06/17/25 06:26	Received: 06/17/25 09:35	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		06/27/25 13:05	7439-92-1	
Sample: Bubbler o/s Phone Booth		Lab ID: 70361389004	Collected: 06/17/25 06:23	Received: 06/17/25 09:35	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	2.4	ug/L	1.0	1		06/27/25 13:07	7439-92-1	
Sample: Bubbler o/s 301		Lab ID: 70361389005	Collected: 06/17/25 06:27	Received: 06/17/25 09:35	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	1.2	ug/L	1.0	1		06/27/25 13:09	7439-92-1	

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ANALYTICAL RESULTS

Project: Warwick Valley CSD - Kings ES

Pace Project No.: 70361389

Sample: Bubblers o/s 303		Lab ID: 70361389006		Collected: 06/17/25 06:29		Received: 06/17/25 09:35		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		06/27/25 13:12	7439-92-1		
Sample: o/s 307 lower WC		Lab ID: 70361389007		Collected: 06/17/25 06:30		Received: 06/17/25 09:35		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	2.2	ug/L	1.0	1		06/27/25 13:19	7439-92-1		
Sample: o/s 307 high WC		Lab ID: 70361389008		Collected: 06/17/25 06:30		Received: 06/17/25 09:35		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		06/27/25 13:32	7439-92-1		
Sample: 200 wing left CU/DF		Lab ID: 70361389009		Collected: 06/17/25 06:25		Received: 06/17/25 09:35		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		06/27/25 13:35	7439-92-1		
Sample: 200 wing left CU/BF		Lab ID: 70361389010		Collected: 06/17/25 06:25		Received: 06/17/25 09:35		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		06/27/25 13:37	7439-92-1		

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ANALYTICAL RESULTS

Project: Warwick Valley CSD - Kings ES

Pace Project No.: 70361389

Sample: 200 wing right CU/DF		Lab ID: 70361389011		Collected: 06/17/25 06:25		Received: 06/17/25 09:35		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		06/27/25 13:39	7439-92-1		
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Sample: 200 wing right CU/BF		Lab ID: 70361389012		Collected: 06/17/25 06:25		Received: 06/17/25 09:35		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		06/27/25 13:42	7439-92-1		
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Sample: Kitchen Food Prep Sink		Lab ID: 70361389013		Collected: 06/17/25 06:20		Received: 06/17/25 09:35		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		06/27/25 13:44	7439-92-1		
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QUALITY CONTROL DATA

Project: Warwick Valley CSD - Kings ES

Pace Project No.: 70361389

QC Batch: 406534

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: 70361389001, 70361389002, 70361389003, 70361389004, 70361389005, 70361389006

METHOD BLANK: 2152606

Matrix: Water

Associated Lab Samples: 70361389001, 70361389002, 70361389003, 70361389004, 70361389005, 70361389006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	1.0	06/27/25 12:05	

LABORATORY CONTROL SAMPLE: 2152607

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	44.5	89	85-115	

MATRIX SPIKE SAMPLE: 2152609

Parameter	Units	70361385001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	ND	50	47.3	94	70-130	

MATRIX SPIKE SAMPLE: 2152611

Parameter	Units	70361388010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	ND	50	46.2	91	70-130	

SAMPLE DUPLICATE: 2152608

Parameter	Units	70361385001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	ND	.41J		

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 - Kings ES

Pace Project No.: 70361389

QC Batch:	406535	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: 70361389007, 70361389008, 70361389009, 70361389010, 70361389011, 70361389012, 70361389013

METHOD BLANK:	2152612	Matrix:	Water
Associated Lab Samples:	70361389007, 70361389008, 70361389009, 70361389010, 70361389011, 70361389012, 70361389013		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	ND	1.0	06/27/25 13:14	

LABORATORY CONTROL SAMPLE:	2152613					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	46.5	93	85-115	

MATRIX SPIKE SAMPLE:	2152615						
		70361389007	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	2.2	50	46.6	89	70-130	

MATRIX SPIKE SAMPLE:	2152617						
		70361394009	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Lead	ug/L	3.1	50	49.9	94	70-130	

SAMPLE DUPLICATE: 2152614					
Parameter	Units	70361389007 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	2.2	2.5	12	

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

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QUALIFIERS

Project: Warwick Valley CSD - Kings ES
Pace Project No.: 70361389

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.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Warwick Valley CSD - Kings ES

Pace Project No.: 70361389

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70361389001	Kitchen KS left Store	EPA 200.8, Rev. 5.4	406534		
70361389002	DF across from Main Office	EPA 200.8, Rev. 5.4	406534		
70361389003	Cafe Prep Rm KS	EPA 200.8, Rev. 5.4	406534		
70361389004	Bubbler o/s Phone Booth	EPA 200.8, Rev. 5.4	406534		
70361389005	Bubbler o/s 301	EPA 200.8, Rev. 5.4	406534		
70361389006	Bubbler o/s 303	EPA 200.8, Rev. 5.4	406534		
70361389007	o/s 307 lower WC	EPA 200.8, Rev. 5.4	406535		
70361389008	o/s 307 high WC	EPA 200.8, Rev. 5.4	406535		
70361389009	200 wing left CU/DF	EPA 200.8, Rev. 5.4	406535		
70361389010	200 wing left CU/BF	EPA 200.8, Rev. 5.4	406535		
70361389011	200 wing right CU/DF	EPA 200.8, Rev. 5.4	406535		
70361389012	200 wing right CU/BF	EPA 200.8, Rev. 5.4	406535		
70361389013	Kitchen Food Prep Sink	EPA 200.8, Rev. 5.4	406535		

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

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

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

[illegible]

Additional Instructions from Page 1:	Collected By: Printed Name Signature
	Mikayla Higgins 

Relinquished by/Company: [Signature]	Date/Time: 10/17/85; 9:35	Received by/Company: [Signature]
Relinquished by/Company: [Signature]	Date/Time:	Received by/Company: [Signature]
Relinquished by/Company: [Signature]	Date/Time:	Received by/Company: [Signature]
Relinquished by/Company: [Signature]	Date/Time:	Received by/Company: [Signature]

MO#: 70361389

PM: FMN Due Date: 07/01/25

CLIENT: NB-OU BOCES

Specify Container Size **	**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial (7) enforce, (8) TerraCora, (9) 90mL, (10) Other
Identify Container Preservative Type***	(1) No Preservative Types, (2) HNO ₃ , (3) H ₂ SO ₄ , (4) HCl, (5) H ₂ O ₂ , (6) Zn Acetate, (7) NaHSO ₄ , (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other
Analysis Requested	

Customer Remarks / Special Conditions / Possible Hazards:				Lab Use Only			
If Coolers:	Thermometer ID:	Correction Factor (Cp):	Obs. Temp. (Cp):	Proj. Mfg.: Actnum/Client ID: Table #: Profile/Template: Prodg./Bottle Ord. ID:			
				Tracking Number: Delivered by: ☐ In-Person ☐ Courier Page: 2 of 2			
Date/Time: Date/Time: Date/Time:				Sample Comment Preservation non-conformance identified for sample:			

WO#: 70361389

SCUR)

Project: PM: FMN Due Date: 07/01/25
Client: CLIENT: NB-OU BOCES

Date and Initials of person:

Examining contents: _____

Label: _____

Deliver to location: _____

pH: _____

Thermometer Used: IRG4

Date: 6/17

Time: 0935

Initials: _____

State of Origin: NY

Cooler #1 Temp: °C 18.0 (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	Preservation Information:
All Containers needing preservation are found to be in compliance with EPA recommendation:	☐ Yes ☐ No ☒ N/A	Preservative: _____
Exceptions: Vials, Microbiology, O&G, Metals		Lot #/Trace #: _____
		Date: _____ Time: _____
		Initials: _____
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: _____