



October 14, 2024

William Kotas
Intertek PSI
17 British American Boulevard
Latham, NY 12110

RE: Project: FARNSWORTH MIDDLE SCHOOL
Pace Project No.: 70315615

Dear William Kotas:

Enclosed are the analytical results for sample(s) received by the laboratory on September 28, 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,

Lori A. Beyer
lori.beyer@pacelabs.com
516-370-6014
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Pace Analytical Services, LLC - Melville, NY

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

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SAMPLE SUMMARY

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70315615001	FMS 1	Drinking Water	09/26/24 06:20	09/28/24 06:00
70315615002	FMS 5	Drinking Water	09/26/24 06:24	09/28/24 06:00
70315615003	FMS 7A	Drinking Water	09/26/24 06:21	09/28/24 06:00
70315615004	FMS 48	Drinking Water	09/26/24 06:40	09/28/24 06:00
70315615005	FMS 53	Drinking Water	09/26/24 06:33	09/28/24 06:00
70315615006	FMS 61	Drinking Water	09/26/24 06:29	09/28/24 06:00

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SAMPLE ANALYTE COUNT

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70315615001	FMS 1	EPA 200.8	JWT	1
70315615002	FMS 5	EPA 200.8	JWT	1
70315615003	FMS 7A	EPA 200.8	JWT	1
70315615004	FMS 48	EPA 200.8	JWT	1
70315615005	FMS 53	EPA 200.8	JWT	1
70315615006	FMS 61	EPA 200.8	JWT	1

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Sample: FMS 1		Lab ID: 70315615001	Collected: 09/26/24 06:20	Received: 09/28/24 06:00	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						
Lead	12.1	ug/L	1.0	1		10/11/24 23:49	7439-92-1	

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ANALYTICAL RESULTS

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Sample: FMS 5		Lab ID: 70315615002	Collected: 09/26/24 06:24	Received: 09/28/24 06:00	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						
Lead	5.8	ug/L	1.0	1		10/11/24 23:51	7439-92-1	

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ANALYTICAL RESULTS

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Sample: FMS 7A		Lab ID: 70315615003	Collected: 09/26/24 06:21	Received: 09/28/24 06:00	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						
Lead	<1.0	ug/L	1.0	1		10/11/24 23:52	7439-92-1	

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ANALYTICAL RESULTS

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Sample: FMS 48		Lab ID: 70315615004	Collected: 09/26/24 06:40	Received: 09/28/24 06:00	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						
Lead	<1.0	ug/L	1.0	1		10/11/24 23:54	7439-92-1	

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ANALYTICAL RESULTS

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Sample: FMS 53		Lab ID: 70315615005	Collected: 09/26/24 06:33	Received: 09/28/24 06:00	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						
Lead	12.6	ug/L	1.0	1		10/11/24 23:55	7439-92-1	

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ANALYTICAL RESULTS

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Sample: FMS 61		Lab ID: 70315615006	Collected: 09/26/24 06:29	Received: 09/28/24 06:00	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						
Lead	3.6	ug/L	1.0	1		10/12/24 00:03	7439-92-1	

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QUALITY CONTROL DATA

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

QC Batch: 366445 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: 70315615001, 70315615002, 70315615003, 70315615004, 70315615005

METHOD BLANK: 1911603 Matrix: Water
 Associated Lab Samples: 70315615001, 70315615002, 70315615003, 70315615004, 70315615005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	10/11/24 23:09	

LABORATORY CONTROL SAMPLE: 1911604

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

MATRIX SPIKE SAMPLE: 1911606

Parameter	Units	70315123041 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	23.9	50	61.9	76	70-130	

MATRIX SPIKE SAMPLE: 1911608

Parameter	Units	70315123042 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	5.7	50	43.9	76	70-130	

SAMPLE DUPLICATE: 1911605

Parameter	Units	70315123041 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	23.9	23.6	1	20	

SAMPLE DUPLICATE: 1911607

Parameter	Units	70315123042 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	5.7	5.7	1	20	

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: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

QC Batch:	366447	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: 70315615006

METHOD BLANK: 1911614 Matrix: Water

Associated Lab Samples: 70315615006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	10/12/24 00:00	

LABORATORY CONTROL SAMPLE: 1911615

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

MATRIX SPIKE SAMPLE: 1911617

Parameter	Units	70315615006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	3.6	50	44.4	81	70-130	

MATRIX SPIKE SAMPLE: 1911619

Parameter	Units	70315616001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	2.5	50	40.0	75	70-130	

SAMPLE DUPLICATE: 1911616

Parameter	Units	70315615006 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	3.6	3.6	0	20	

SAMPLE DUPLICATE: 1911618

Parameter	Units	70315616001 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	2.5	2.5	0	20	

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QUALIFIERS

Project: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

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: FARNSWORTH MIDDLE SCHOOL

Pace Project No.: 70315615

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70315615001	FMS 1	EPA 200.8	366445		
70315615002	FMS 5	EPA 200.8	366445		
70315615003	FMS 7A	EPA 200.8	366445		
70315615004	FMS 48	EPA 200.8	366445		
70315615005	FMS 53	EPA 200.8	366445		
70315615006	FMS 61	EPA 200.8	366447		

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Client Name: Inter lake Project # _____
 Courier: Fed Ex UPS USPS Client Commercial Pace Other
 Tracking #: _____

WO#: 70315615
PM: LAB Due Date: **10/15/24**
CLIENT: INTER-LATHAM

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No
 Packing Material: Bubble Wrap Bubble Bags Ziploc None Other Type of ice: Wet Blue (None)
 Thermometer Used: NA Correction Factor: _____ Samples on ice, cooling process has begun
 Cooler Temperature ("C): _____ Cooler Temperature Corrected ("C): _____ 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: mm 9/30/24

	COMMENTS:
Chain of Custody Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for MS/MSD) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note: if sediment is visible in the dissolved container.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID/Analysis Matrix: <u>SL</u> <u>WT</u> OIL OTHER	

Date and Initials of person checking preservation: mm 9/30/24

All containers needing preservation have been pH paper Lot # <u>213624</u> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
All containers needing preservation are found to be in compliance with method recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, <input checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Initial when completed: Lot # of added preservative: Date/Time preservative added:
KI starch test strips Lot #	14. Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #	15. Positive for Sulfide? Y N
SM 4500 CN samples checked for sulf <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lead Acetate Strips Lot #	16.
Headspace in ALK Bottle (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

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

* PM (Project Manager) review (which includes the SCUR) is documented electronically in LIMS.