



March 06, 2024

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

RE: Project: CR-BOCES MECHANICVILLE 3/1
Pace Project No.: 70289057

Dear William Kotas:

Enclosed are the analytical results for sample(s) received by the laboratory on March 02, 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,

A handwritten signature in cursive script that reads "Lori Beyer".

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

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

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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SAMPLE SUMMARY

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70289057001	MHS 302-1	Drinking Water	03/01/24 06:09	03/02/24 08:30
70289057002	MHS 302-2	Drinking Water	03/01/24 06:09	03/02/24 08:30
70289057003	MHS 302-3	Drinking Water	03/01/24 06:09	03/02/24 08:30
70289057004	MHS 68	Drinking Water	03/01/24 06:13	03/02/24 08:30
70289057005	MHS 98	Drinking Water	03/01/24 06:17	03/02/24 08:30

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SAMPLE ANALYTE COUNT

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70289057001	MHS 302-1	EPA 200.8	JJS	1
70289057002	MHS 302-2	EPA 200.8	JJS	1
70289057003	MHS 302-3	EPA 200.8	JJS	1
70289057004	MHS 68	EPA 200.8	JJS	1
70289057005	MHS 98	EPA 200.8	JJS	1

PACE-MV = Pace Analytical Services - Melville

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ANALYTICAL RESULTS

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

Sample: MHS 302-1		Lab ID: 70289057001	Collected: 03/01/24 06:09	Received: 03/02/24 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						
Lead	53.2	ug/L	1.0	1		03/05/24 13:16	7439-92-1	

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ANALYTICAL RESULTS

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

Sample: MHS 302-2		Lab ID: 70289057002	Collected: 03/01/24 06:09	Received: 03/02/24 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						
Lead	89.1	ug/L	1.0	1		03/05/24 13:21	7439-92-1	

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ANALYTICAL RESULTS

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

Sample: MHS 302-3		Lab ID: 70289057003	Collected: 03/01/24 06:09	Received: 03/02/24 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						
Lead	10.1	ug/L	1.0	1		03/05/24 13:22	7439-92-1	

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ANALYTICAL RESULTS

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

Sample: MHS 68		Lab ID: 70289057004	Collected: 03/01/24 06:13	Received: 03/02/24 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						
Lead	8.0	ug/L	1.0	1		03/05/24 13:24	7439-92-1	

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ANALYTICAL RESULTS

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

Sample: MHS 98		Lab ID: 70289057005	Collected: 03/01/24 06:17	Received: 03/02/24 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						
Lead	3.8	ug/L	1.0	1		03/05/24 13:26	7439-92-1	

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QUALITY CONTROL DATA

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

QC Batch:	339425	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: 70289057001, 70289057002, 70289057003, 70289057004, 70289057005

METHOD BLANK: 1746285 Matrix: Water
 Associated Lab Samples: 70289057001, 70289057002, 70289057003, 70289057004, 70289057005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	03/05/24 13:12	

LABORATORY CONTROL SAMPLE: 1746286

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	49.2	98	85-115	

MATRIX SPIKE SAMPLE: 1746288

Parameter	Units	70289022001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	13.5	50	68.9	111	70-130	

MATRIX SPIKE SAMPLE: 1746290

Parameter	Units	70289022003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	55.7	111	70-130	

SAMPLE DUPLICATE: 1746287

Parameter	Units	70289022001 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	13.5	13.7	1	20	

SAMPLE DUPLICATE: 1746289

Parameter	Units	70289022003 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		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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QUALIFIERS

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

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: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289057

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70289057001	MHS 302-1	EPA 200.8	339425		
70289057002	MHS 302-2	EPA 200.8	339425		
70289057003	MHS 302-3	EPA 200.8	339425		
70289057004	MHS 68	EPA 200.8	339425		
70289057005	MHS 98	EPA 200.8	339425		

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Pace* Location Requested (City/State):
Pace Analytical Long Island NY
575 Broad Hollow Rd, Melville, NY 11747

Company Name: INTERTEK-PSI LATHAM NY
Street Address: 178 British American Blvd, Latham, NY 12110

Customer Project #: CR-Boces Mechanicville School District
Project Name: PSI Latham AR

Site Collection Info/Facility ID (as applicable):
Mechanicville High School

Contact/Report To: Kotas, William
Phone #: 518-377-9841
E-Mail: william.kotas@intertek.com
Cc E-Mail:

Invoice To: PSI Latham AR
Invoice E-Mail:

Purchase Order # (if applicable):
Quote #: x

County / State origin of sample(s): New York

Regulatory Program (DW, RCRA, etc.) as applicable:

Rush (Pre-approval required):
[] 2 Day [] 3 day [] 5 day [] Other _____

Date Results Requested: STANDARD TAT
Field Filtered (if applicable): [] Yes [] No
Analysis:

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

Matrix *	Customer Sample ID	Comp / Grab	Collected		Res. CL2	Number & Type of Containers
			Date	Time		
DW	MHS 302-1	G	3/1/2014	6:09		200.8 Drinking Water (Lead)
	MHS 302-2			6:09		X
	MHS 302-3			6:09		
	MHS 68			6:13		
	MHS 98			6:17		

Customer Remarks / Special Conditions / Possible Hazards:
Lead

Collected By:
Printed Name: William A. Kotas (PSI)
Signature: *William A. Kotas*

Relinquished by/Company: (Signature)
William A. Kotas (PSI)

Relinquished by/Company: (Signature)
William A. Kotas

Relinquished by/Company: (Signature)

Relinquished by/Company: (Signature)

Date/Time: 3/1/14

Date/Time: 3/1/21 0910

Date/Time:

Date/Time:

Received by/Company: (Signature)
William A. Kotas

Received by/Company: (Signature)
DAF PACE LS

Received by/Company: (Signature)

Received by/Company: (Signature)

Date/Time: 3/1/24 0910

Date/Time: 3/2/24 8:30

Date/Time:

Date/Time:

Additional Instructions from Pace*:

Coolers: 1-Box THRU Correction Factor (C): -0.2

Obs. Temp. (C): 17.6

Corrected Temp. (C): 17.2

Tracking Number:

Delivered by: [] In-Person [] Courier

[] FedEx [] UPS [] Other

Page: 1 of 1

Substituting 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_v01_082123 ©

LAB USE ONLY - Affix Workorder/Login Label Here

WO#: 70289057



70289057



Specify Container Size **

** Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) InCore, (8) TerraCore, (9) Other

Identify Container Preservative Type***

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Analysis Requested

Proj. Mgr:
Lori Beyer
AcctNum / Client ID:
Table #:
Profile / Template:
Prelog. / Bottle Ord. ID:

Lab Use Only

Sample Comment

Preservation non-conformance identified for sample.

WO#: 70289057

Client Name: Inter-Latham Project # _____
 Courier: Fed Ex UPS USPS Client Commercial Pac Other
 Tracking #: _____

PM: LAB Due Date: 03/15/24
 CLIENT: INTER-LATHAM

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Temperature Blank Present: Yes No
 Packing Material: Bubble Wrap Bubble Bags Ziploc Non Other Type of Ice: Wet Blue None
 Thermometer Used: TH211 Correction Factor: -0.4 Samples on ice, cooling process has begun
 Cooler Temperature (°C): 17.6 Cooler Temperature Corrected (°C): 17.2 Date/Time 5035A kits placed in freezer _____
 Temp should be above freezing to 6°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: ASF 3/2/24

	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 checked="" type="checkbox"/> Yes <input 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 type="checkbox"/> Yes <input type="checkbox"/> No	10.
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11.
Filtered volume received for Dissolved tests <input type="checkbox"/> Yes <input 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 type="checkbox"/> No	12.
-Includes date/time/ID/Analysis Matrix: SL WT OIL OTHER	

Date and Initials of person checking preservation: ASF 3/2/24

All containers needing preservation have been <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A pH paper Lot # <u>21821A</u> 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	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl Sample # _____
Samples checked for dechlorination: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A KI starch test strips Lot # _____ Residual chlorine strips Lot # _____	14. Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sul <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Lead Acetate Strips Lot # _____	15. Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm): <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present: <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	

DATE AND INITIALS OF PERSON COMPLETING SECOND REVIEW: ASF 3/2

Client Notification/ Resolution: _____
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: _____

* PM (Project Manager) review is documented electronically in LIMS.