



March 06, 2024

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

RE: Project: CR-BOCES MECHANICVILLE 3/1
Pace Project No.: 70289059

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,

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.: 70289059

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.: 70289059

Lab ID	Sample ID	Matrix	Date Collected	Date Received
70289059001	ES-KS-4	Drinking Water	03/01/24 06:30	03/02/24 08:30
70289059002	ES-130	Drinking Water	03/01/24 06:35	03/02/24 08:30

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SAMPLE ANALYTE COUNT

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289059

Lab ID	Sample ID	Method	Analysts	Analytes Reported
70289059001	ES-KS-4	EPA 200.8	JJS	1
70289059002	ES-130	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.: 70289059

Sample: ES-KS-4		Lab ID: 70289059001	Collected: 03/01/24 06:30	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	<1.0	ug/L	1.0	1		03/05/24 13:27	7439-92-1	

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ANALYTICAL RESULTS

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289059

Sample: ES-130		Lab ID: 70289059002	Collected: 03/01/24 06:35	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	13.5	ug/L	1.0	1		03/05/24 13:29	7439-92-1	

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QUALITY CONTROL DATA

Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289059

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: 70289059001, 70289059002

METHOD BLANK: 1746285 Matrix: Water

Associated Lab Samples: 70289059001, 70289059002

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.: 70289059

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

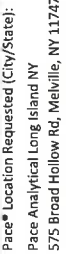
Project: CR-BOCES MECHANICVILLE 3/1

Pace Project No.: 70289059

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70289059001	ES-KS-4	EPA 200.8	339425		
70289059002	ES-130	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: 17 British American Blvd, Latham, NY 12110

Customer Project #: CR-Boces Mechanicville School District
Project Name: CR-Boces Mechanicville School District

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

Time Zone Collected: [] AK [] PT [] MT [] CT [] ET

Data Deliverables:

[] Level II [] Level III [] Level IV
[] EQUIS
[] Other

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (V), Other (OT)

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

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

DW PWSID # or WW Permit # as applicable:
Field Filtered (if applicable): [] Yes [] No
Analysis: STAN-DARD TAT

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

Number & Type of Containers: Plastic [] Glass []

Collected (or Composite Start) Date Time Composite End Date Time Res. CLZ

Matrix*	Comp / Grab	Date	Time	Date	Time	Res. CLZ
DW	G	3/1/24	6:30			
ES-KS-4		↓	↓			
ES-130		↓	↓			

2008 Drinking Water (Lead) X ↓

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY - Affix Worker/Login Label Here

WO#: 70289059



Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

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

Lab Use Only
Proj. Mgr: Lori Beyer
AcctNum / Client ID:
Table #:
Profile / Template:
Prelog / Bottle Ord. ID:
Sample Comment

Preservation non-conformance identified for

Additional Instructions from Pace:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp. (°C) Corrected Temp. (°C)
1bx THERM -0.4 17.6 17.2

Tracking Number: 3/1/24 0910

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

Delivered by: [] In-Person [X] Courier

[] FedEx [] UPS [] Other

Date/Time: Page: 1 of 1

Client: **Inter - Latham**

Profile #: **10367**

Use Point Number Spreadsheet Multiday Project

Client: **Boyes Meekinsville School District**

COC Page **1** of **1**

Add SCLOGFD to first sample for field charge

Code	Material	Matrix	Volume	Container	Notes
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100					

Code	Material	Matrix
WT	Water	Water
SL	Solid	Solid
NAL	Non-aqueous Liquid	Non-aqueous Liquid
OL	Oil	Oil
WP	Wipe	Wipe
DW	Drinking Water	Drinking Water

Code	Material	Matrix
BP1U	1L Unpreserved plastic	1L Unpreserved plastic
BP3N*	250mL HNO3 plastic	250mL HNO3 plastic
BP3C	250mL Sodium Hydroxide	250mL Sodium Hydroxide
AG2U	500mL unpres. amber glass	500mL unpres. amber glass

* Can also be a BP4N

Code	Material	Matrix
VS9T	40mL Na Thio amber vial	Na Thio
DS9A	40mL Acetic acid mobile acid vial	Acetic acid
D39V	Citrate/Na Thiosulfate 40mL	Citrate/Na Thio
D65T	Na Thiosulfate 60mL vial	Na Thio
D68M	MonoChAcetic/Na Thio 60mL	MonoChAcetic/Na Thio
AG3U	250mL unpres. amber glass	250mL unpres. amber glass
AG3T	Na Thiosulfate 250mL bottle	Na Thio
BP1B	Na Thiosulfate Amber bottle	Na Thio
AG1T	Na Thiosulfate 1L Amber	Na Thio
AG1A	525.3 Chemical Blend	525.3 Chemical Blend

Code	Material	Matrix
AG4U	125mL unpres. amber glass	125mL unpres. amber glass
AG3U	250mL unpres. amber glass	250mL unpres. amber glass
AG2U	500mL unpres. amber glass	500mL unpres. amber glass
AG1U	1L unpres. amber glass	1L unpres. amber glass
AG34	Ammonium Cl 250mL bottle	Ammonium Cl
AG35	250mL H2SO4 amber glass	250mL H2SO4
AG4E	125mL EDA amber glass	125mL EDA
AG3T	250mL Na Thio amber glass	Na Thio
AG2R	Na Sulfite 500mL (blue Cap)	Na Sulfite
AG1T	Na Thiosulfate 1L bottle	Na Thio
AG1H	1L HCl amber glass	1L HCl
AG1A	(NH4Cl)	(NH4Cl)
BP35	250mL Ammonium Acetate	250mL Ammonium Acetate
BP3R	250mL NH4SO4-NH4OH	250mL NH4SO4-NH4OH
BP1Z	1L NaOH, Zn Acetate	1L NaOH, Zn Acetate
BP1N	1L HNO3 plastic	1L HNO3 plastic
BP1B	Na Thiosulfate Amber Bottle	Na Thio
SP5T	120mL Coiform Na Thio	120mL Coiform Na Thio
R	Terracore Kit	Terracore Kit
WG2U	2oz Unpreserved Jar	2oz Unpreserved Jar
WGKJ	4oz Unpreserved Jar	4oz Unpreserved Jar
WGDU	16oz Unpreserved Jar	16oz Unpreserved Jar
ZPLC	Zblock Bag	Zblock Bag
TEDJ	Tedlar Bag	Tedlar Bag
BG1H	1L HCL Clear Glass	1L HCL Clear Glass
GN	General	General
WP	Wipe	Wipe

Sender Initials _____

Additional Comments

WO#: 70289059
 Due Date: 03/15/24
 PM: LAB
 CLIENT: INTER-LATHAM

Elementary School

WO#: 70289059

Client Name: Inter-Latham

Project #

PM: LAB

Due Date: 03/15/24

CLIENT: INTER-LATHAM

Courier: Fed Ex UPS USPS Client Commercial Pac Other

Tracking #:

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): 17.6 Cooler Temperature Corrected (°C): 17.2 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: 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 checked="" type="checkbox"/> Yes <input 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	10.
Containers Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. Note: if sediment is visible in the dissolved container.
Filtered volume received for Dissolved tests: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
Sample Labels match COC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
-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	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # <u>211821A</u>	Sample #
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	Initial when completed: Lot # of added preservative: Date/Time preservative added:
Samples checked for dechlorination: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
KI starch test strips Lot #	
Residual chlorine strips Lot #	
SM 4500 CN samples checked for sul: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #	
Headspace in VOA Vials (>6mm): <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

DATE AND INITIALS OF PERSON COMPLETING SECOND REVIEW: 54 7/2

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:

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