

November 12, 2021

Paul Swieton
Rensselaer-Columbia-Greene Counties and
BOCES
10 Empire State Blvd.
Fl 2
Castleton On Hudson, NY 12033

RE: Project: GARDNER-DICKINSON SCHOOL
Pace Project No.: 70193766

Dear Paul Swieton:

Enclosed are the analytical results for sample(s) received by the laboratory on November 05, 2021. 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,



Savannah S. Benatar
savannah.benatar@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Tracey Catalfano, Rensselaer-Columbia-Greene Counties
and BOCES
Patrick Paratore, Wynantskill Union Free School District
Mary Yodis, Wynantskill Union Free School District



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: GARDNER-DICKINSON SCHOOL

Pace Project No.: 70193766

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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ANALYTICAL RESULTS

Project: GARDNER-DICKINSON SCHOOL

Pace Project No.: 70193766

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GDS-02-SF-S-44R								
Lab ID: 70193766001								
Collected: 11/02/21 06:14								
Received: 11/05/21 11:00								
Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water								
Analytical Method: EPA 200.8								
Pace Analytical Services - Melville								
Lead	13.4	ug/L	1.0	1		11/10/21 19:08	7439-92-1	M1

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ANALYTICAL RESULTS

Project: GARDNER-DICKINSON SCHOOL

Pace Project No.: 70193766

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GDS-02-SF-S-44F								
Lab ID: 70193766002								
Collected: 11/02/21 06:14								
Received: 11/05/21 11:00								
Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water								
Analytical Method: EPA 200.8								
Pace Analytical Services - Melville								
Lead	2.9	ug/L	1.0	1		11/10/21 19:12	7439-92-1	

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QUALITY CONTROL DATA

Project: GARDNER-DICKINSON SCHOOL
Pace Project No.: 70193766

QC Batch: 232823 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: 70193766001, 70193766002

METHOD BLANK: 1174554 Matrix: Water
Associated Lab Samples: 70193766001, 70193766002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	11/11/21 16:54	

LABORATORY CONTROL SAMPLE: 1174555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	51.0	102	85-115	

MATRIX SPIKE SAMPLE: 1174557

Parameter	Units	70193677001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	67.9	136	70-130	M1

MATRIX SPIKE SAMPLE: 1174559

Parameter	Units	70193766001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	13.4	50	82.0	137	70-130	M1

SAMPLE DUPLICATE: 1174556

Parameter	Units	70193677001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1174558

Parameter	Units	70193766001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	13.4	13.0	3	

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: GARDNER-DICKINSON SCHOOL

Pace Project No.: 70193766

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.

ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GARDNER-DICKINSON SCHOOL

Pace Project No.: 70193766

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70193766001	GDS-02-SF-S-44R	EPA 200.8	232823		
70193766002	GDS-02-SF-S-44F	EPA 200.8	232823		

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CLIENT INFORMATION

Name: Wynantskill Union Free School District
 Address: 25 East Avenue, Troy, NY 12180
 Client Rep: Mary Yodis/Alfred Deguire
 SCHOOL/PROJECT INFORMATION
 BLDG NO./NAME: Gardner-Dickinson School
 BLDG ADDRESS: 25 East Avenue, Troy, NY 12180
 CONTACT NAME & NUMBERS: Mary Yodis 518-283-4600

Date of Sampling: 11/2/2021
 Samples Taken By: Alfred Deguire
 Samples Taken By:
 Samples Taken By:

(1) Yr. Built (2) Yr 1st Add: (3) Yr 2nd Add: (4) Yr 1st Mod: (5) Yr. 2nd Mod:

WO#: 70193766



SAMPLE DATA

Sample Description ID (ID must match container label)

Lab Sample #	BOCES Sample #	Location	Outlet Description	Outlet Information				30 Second Flush Draw	Time of Collection (24hr)	Service Connection Draw	Time of Collection (24hr)	Water Main Draw	Time of Collection (24hr)
				Outlet Make & Model	Construct. Date	First Draw (24hr)	Time of Collection (24hr)						
44R	GDS-02-SF-S-44R	240 Kitchen	SF - Corner Sink			X		X					
44RF	GDS-02-SF-S-44RF	240 Kitchen	SF - Corner Sink										

All containers are pre-cleaned/pre-certified 250ml plastic bottles and will be preserved w/HNO3@ pH by la

CHAIN OF CUSTODY

Relinquished By: *Mindy Jopkins* Received By: *Mary Yodis/Alfred Deguire* Time: 11:00 AM Date: 11/2/21
 INSTRUCTIONS TO THE LABORATORY - Analyze all samples for lead
 Lab: Pace Analytical Services 1570 Helderberg Ave. Rotterdam, NY 12306
 Contact: Matthew Broker 518-573-8385 matthew.broker@pacelabs.com
 Comments: Provide Laboratory Data Report (LDR) and Chain of Custody



Client Name: Wynantskill Union Free School District

PM: LS1

Due Date: 11/19/21

CLIENT: QUESTAR

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: 5064 5210 1709

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No N/A

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: ~~TH091~~ TH176 Correction Factor: +0.1

Cooler Temperature(°C): 2.4 Cooler Temperature Corrected(°C): 2.5

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: BC 11/5/21

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 (F-LI-C-010) and include with SCUR/COC paperwork.

		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 I)	<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	
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, Matrix: <u>SL WT OIL</u>		
All containers needing preservation have been checked?	<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>HC160347</u>		Sample #
All containers needing preservation are found to be in compliance with method recommendation?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		Initial when completed: Lot # of added preservative: Date/Time preservative added:
Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 sulfide?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot #		
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	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted:

Date/Time:

Comments/ Resolution: