

May 24, 2021

Paul Bickel
East Greenbush Central School District
29 Englewood Avenue
East Greenbush, NY 12061

RE: Project: GOFF MIDDLE SCHOOL 5/5
Pace Project No.: 70172402

Dear Paul Bickel:

Enclosed are the analytical results for sample(s) received by the laboratory on May 10, 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,



Nicolette M. Lovari
nicolette.lovari@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Sam Beardsley, East Greenbush Central School District
Paul Swieton, Rensselaer-Columbia-Greene Counties and
BOCES



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

Pace Analytical Services Long Island

Virginia Certification # 460302

Delaware Certification # NY10478

Delaware Certification # NY10478

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

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ANALYTICAL RESULTS

Project: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

Sample: GOFF-01-BF-S-04		Lab ID: 70172402001	Collected: 05/05/21 06:35	Received: 05/10/21 11:40	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		05/24/21 13:21	7439-92-1	

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ANALYTICAL RESULTS

Project: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GOFF-01-BF-S-04F Lab ID: 70172402002 Collected: 05/05/21 06:35 Received: 05/10/21 11:40 Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		05/24/21 13:22	7439-92-1	

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ANALYTICAL RESULTS

Project: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GOFF-01-BF-S-59 Lab ID: 70172402003 Collected: 05/05/21 06:39 Received: 05/10/21 11:40 Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.6	ug/L	1.0	1		05/24/21 13:25	7439-92-1	

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ANALYTICAL RESULTS

Project: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

Sample: GOFF-01-BF-S-59F **Lab ID: 70172402004** Collected: 05/05/21 06:39 Received: 05/10/21 11:40 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		05/24/21 13:26	7439-92-1	

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ANALYTICAL RESULTS

Project: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

Sample: GOFF-02-BF-S-69		Lab ID: 70172402005	Collected: 05/05/21 06:41	Received: 05/10/21 11:40	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	38.4	ug/L	1.0	1		05/24/21 13:26	7439-92-1	

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ANALYTICAL RESULTS

Project: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: GOFF-02-BF-S-69F Lab ID: 70172402006 Collected: 05/05/21 06:41 Received: 05/10/21 11:40 Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	7.7	ug/L	1.0	1		05/24/21 13:29	7439-92-1	M1

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QUALITY CONTROL DATA

Project: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

QC Batch:	210133	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: 70172402001, 70172402002, 70172402003, 70172402004, 70172402005

METHOD BLANK: 1050184

Matrix: Water

Associated Lab Samples: 70172402001, 70172402002, 70172402003, 70172402004, 70172402005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	05/24/21 12:58	

LABORATORY CONTROL SAMPLE: 1050185

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.5	101	85-115	

MATRIX SPIKE SAMPLE: 1050187

Parameter	Units	70172380008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	27.6	50	96.3	137	70-130	M1

MATRIX SPIKE SAMPLE: 1050189

Parameter	Units	70172381007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	37.1	50	97.5	121	70-130	

SAMPLE DUPLICATE: 1050186

Parameter	Units	70172380008 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	27.6	27.1	2	

SAMPLE DUPLICATE: 1050188

Parameter	Units	70172381007 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	37.1	37.3	1	

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: GOFF MIDDLE SCHOOL 5/5
Pace Project No.: 70172402

QC Batch: 210135	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: 70172402006

METHOD BLANK: 1050190 Matrix: Water
Associated Lab Samples: 70172402006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	05/24/21 13:27	

LABORATORY CONTROL SAMPLE: 1050191

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	51.1	102	85-115	

MATRIX SPIKE SAMPLE: 1050193

Parameter	Units	70172402006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	7.7	50	78.0	141	70-130	M1

MATRIX SPIKE SAMPLE: 1050195

Parameter	Units	70172986001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	4.6	50	64.3	119	70-130	

SAMPLE DUPLICATE: 1050192

Parameter	Units	70172402006 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	7.7	7.7	0	

SAMPLE DUPLICATE: 1050194

Parameter	Units	70172986001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	4.6	4.6	0	

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: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

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.

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GOFF MIDDLE SCHOOL 5/5

Pace Project No.: 70172402

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70172402001	GOFF-01-BF-S-04	EPA 200.8	210133		
70172402002	GOFF-01-BF-S-04F	EPA 200.8	210133		
70172402003	GOFF-01-BF-S-59	EPA 200.8	210133		
70172402004	GOFF-01-BF-S-59F	EPA 200.8	210133		
70172402005	GOFF-02-BF-S-69	EPA 200.8	210133		
70172402006	GOFF-02-BF-S-69F	EPA 200.8	210135		

REPORT OF LABORATORY ANALYSIS

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POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

Appendix D

CLIENT INFORMATION

Name: East Greenbush Central School District
 Address: 29 Englewood Avenue, East Greenbush, NY 12061
 Client Rep: Paul Bickel 518-207-2521
 SCHOOL/PROJECT INFORMATION
 BLDG NO./NAME: Goff Middle School
 BLDG ADDRESS: 35 Gilligan Avenue, East Greenbush, NY 12061
 CONTACT NAME & NUMBERS: Paul Bickel 518-207-2521

Date of Sampling: 5/5/2021
 Samples Taken By: Sam Beardsliey
 District Staff: Jim Truss

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

SAMPLE DATA

Lab Sample #	BOCES Sample #	Location	Outlet Description	Outlet Information			Construct. Date	First Draw	Time of Collection (24hr)	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	Outlet Make & Model	Outlet Make & Model									
4	Goff-01-BF-S-04	Girl's Room by 108 - Far R	Bathroom Faucet				X	635	X	635					
4F	Goff-01-BF-S-04F	Girl's Room by 108 - Far R	Bathroom Faucet				X	639	X	639					
59	Goff-01-BF-S-59	Taylor Boy's Room - L Center	Bathroom Faucet				X	641	X	641					
59F	Goff-01-BF-S-59F	Taylor Boy's Room - L Center	Bathroom Faucet				X	641	X	641					
69	Goff-02-BF-S-69	Taylor 2nd Fl Boys - Far L	Bathroom Faucet												
69F	Goff-02-BF-S-69F	Taylor 2nd Fl Boys - Far L	Bathroom Faucet												

WO#: 70172402

70172402

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

CHAIN OF CUSTODY

Relinquished By: *[Signature]* Received By: *[Signature]*
 Date: *5/10/21* Time: *11:40*

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



Sample Condition Upon Receipt

WO#: 70172402

Client Name: East Greenbush

Project: _____

PM: NML

Due Date: 05/24/21

CLIENT: QUESTAR

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes NoPacking Material: Bubble Wrap Bubble Bags Ziploc None OtherThermometer Used: H091 Correction Factor: +0.0Cooler Temperature(°C): 19.0 Cooler Temperature Corrected(°C): 19.0

Temp should be above freezing to 6.0°C

USDA Regulated Soil (N/A, water sample)Date and Initials of person examining contents: 5/10/21 JPDid 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 NoDid 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)	<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	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: SL <u>(WT)</u> OIL		
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>HCO29186</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, NAOH>12 Cyanide)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
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: KI starch test strips Lot #	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Positive for Res. Chlorine? Y N
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.
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: _____