

May 07, 2021

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

RE: Project: GENET ELEMENTARY SCHOOL 4/22  
Pace Project No.: 70170691

Dear Paul Bickel:

Enclosed are the analytical results for sample(s) received by the laboratory on April 26, 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: GENET ELEMENTARY SCHOOL 4/22

Pace Project No.: 70170691

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### **Pace Analytical Services Long Island**

Delaware Certification # NY10478

Virginia Certification # 460302

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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## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: GENET ELEMENTARY SCHOOL 4/22

Pace Project No.: 70170691

<b>Sample: GENET-01-BF-S-12</b>		<b>Lab ID: 70170691001</b>	Collected: 04/22/21 07:09	Received: 04/26/21 08:45	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>1.5</b>	ug/L	1.0	1		05/07/21 10:12	7439-92-1	

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### ANALYTICAL RESULTS

Project: GENET ELEMENTARY SCHOOL 4/22

Pace Project No.: 70170691

**Sample: GENET-01-BF-S-12F**      **Lab ID: 70170691002**      Collected: 04/22/21 07:09      Received: 04/26/21 08:45      Matrix: Drinking Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<1.0	ug/L	1.0	1		05/07/21 10:13	7439-92-1	

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### ANALYTICAL RESULTS

Project: GENET ELEMENTARY SCHOOL 4/22

Pace Project No.: 70170691

<b>Sample: GENET-01-BF-S-15</b>		<b>Lab ID: 70170691003</b>		Collected: 04/22/21 07:12	Received: 04/26/21 08:45	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	<b>14.6</b>	ug/L	1.0	1		05/07/21 10:18	7439-92-1	

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### ANALYTICAL RESULTS

Project: GENET ELEMENTARY SCHOOL 4/22

Pace Project No.: 70170691

<b>Sample: GENET-01-BF-S-15F</b>		<b>Lab ID: 70170691004</b>		Collected: 04/22/21 07:12	Received: 04/26/21 08:45	Matrix: Drinking Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Melville						
Lead	<1.0	ug/L	1.0	1		05/07/21 10:21	7439-92-1	

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### ANALYTICAL RESULTS

Project: GENET ELEMENTARY SCHOOL 4/22

Pace Project No.: 70170691

<b>Sample: GENET-02-CF-S-76</b>		<b>Lab ID: 70170691005</b>	Collected: 04/22/21 07:16	Received: 04/26/21 08:45	Matrix: Drinking Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>1.5</b>	ug/L	1.0	1		05/07/21 10:22	7439-92-1	

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### ANALYTICAL RESULTS

Project: GENET ELEMENTARY SCHOOL 4/22

Pace Project No.: 70170691

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: GENET-02-CF-S-76F</b>								
<b>Lab ID: 70170691006</b>								
Collected: 04/22/21 07:16								
Received: 04/26/21 08:45								
Matrix: Drinking Water								
<b>200.8 MET ICPMS Drinking Water</b>								
Analytical Method: EPA 200.8								
Pace Analytical Services - Melville								
Lead	<b>10.1</b>	ug/L	1.0	1		05/07/21 10:23	7439-92-1	

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### QUALITY CONTROL DATA

Project: GENET ELEMENTARY SCHOOL 4/22  
Pace Project No.: 70170691

QC Batch: 207472      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: 70170691001, 70170691002

METHOD BLANK: 1031353      Matrix: Water  
Associated Lab Samples: 70170691001, 70170691002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	05/07/21 09:46	

LABORATORY CONTROL SAMPLE: 1031354

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

MATRIX SPIKE SAMPLE: 1031356

Parameter	Units	70170683069 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	58.2	115	70-130	

MATRIX SPIKE SAMPLE: 1031358

Parameter	Units	70170688009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	1.1	50	64.9	128	70-130	

SAMPLE DUPLICATE: 1031355

Parameter	Units	70170683069 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1031357

Parameter	Units	70170688009 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	1.1	1.0	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.

### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: GENET ELEMENTARY SCHOOL 4/22  
Pace Project No.: 70170691

QC Batch: 207488 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: 70170691003, 70170691004, 70170691005, 70170691006

METHOD BLANK: 1031375 Matrix: Water  
Associated Lab Samples: 70170691003, 70170691004, 70170691005, 70170691006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	05/07/21 10:14	

LABORATORY CONTROL SAMPLE: 1031376

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	48.8	98	85-115	

MATRIX SPIKE SAMPLE: 1031378

Parameter	Units	70170691003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	14.6	50	72.2	115	70-130	

MATRIX SPIKE SAMPLE: 1031380

Parameter	Units	70170692007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	11.3	50	66.9	111	70-130	

SAMPLE DUPLICATE: 1031377

Parameter	Units	70170691003 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	14.6	14.4	1	

SAMPLE DUPLICATE: 1031379

Parameter	Units	70170692007 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	11.3	11.4	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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## QUALIFIERS

Project: GENET ELEMENTARY SCHOOL 4/22

Pace Project No.: 70170691

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### 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.

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GENET ELEMENTARY SCHOOL 4/22  
Pace Project No.: 70170691

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70170691001	GENET-01-BF-S-12	EPA 200.8	207472		
70170691002	GENET-01-BF-S-12F	EPA 200.8	207472		
70170691003	GENET-01-BF-S-15	EPA 200.8	207488		
70170691004	GENET-01-BF-S-15F	EPA 200.8	207488		
70170691005	GENET-02-CF-S-76	EPA 200.8	207488		
70170691006	GENET-02-CF-S-76F	EPA 200.8	207488		

### REPORT OF LABORATORY ANALYSIS

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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: Genet Elementary School				
BLDG ADDRESS: 29 Englewood Avenue, East Greenbush, NY 12061				
CONTACT NAME & NUMBERS: Paul Bickel 518-207-2521				
(1) Yr. Built	(2) Yr. 1st Add:	(3) Yr 2nd Add:	(4) Yr 1st Mod:	(5) Yr. 2nd Mod:

Date of Sampling:	4-22-2021
Samples Taken By:	Steve Harland
Samples Taken By:	Sam Bickel
District Staff:	Mike ROB

WO#: 70170691

70170691

SAMPLE DATA

Lab Sample #	BOCES Sample #	Location	Outlet Description	Outlet Make & Model	Outlet Information					Time of Collection (24hr)	Service Connection Draw	Time of Collection (24hr)	Water Main Draw	Time of Collection (24hr)	
					Construct. Date	First Draw	Time of Collection (24hr)	30 Second Flush Draw	Time of Collection (24hr)						
12	Genet-01-BF-S-12	Womens Room by 114 C	Bathroom Faucet						X	709					
12F	Genet-01-BF-S-12F	Womens Room by 114 C	Bathroom Faucet						X	712					
15	Genet-01-BF-S-15	Mens Room Main Entrance L	Bathroom Faucet						X	712					
15F	Genet-01-BF-S-15F	Mens Room Main Entrance L	Bathroom Faucet						X	716					
76	Genet-02-CF-S-76	218	Classroom Sink Faucet						X	716					
76F	Genet-02-CF-S-76F	218	Classroom Sink Faucet												

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

Relinquished By:	Pace 4-22-21	Time:	08:15
Received By:	Steve Harland	Date:	4-22-21

INSTRUCTIONS TO THE LABORATORY - Analyze all samples for lead  
 Lab: Pace Analytical Services  
 1570 Helderberg Ave.  
 Rotterdam, NY 12306  
 contact: Matthew Broker 518-573-8885 matthew.broker@pacelabs.com  
 Comments: Provide Laboratory Data Report (LDR) and Chain of Custody



# Sample Condition Upon Receipt

## WO#: 70170691

Client Name: East Greenbush CSDProject: **PM: NML** **Due Date: 05/10/21**  
**CLIENT: QUESTAR**Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  OtherTracking #: 9099 9901 6115Custody Seal on Cooler/Box Present:  Yes  No Seals intact:  Yes  NoPacking Material:  Bubble Wrap  Bubble Bags  Ziploc  None  OtherThermometer Used: TH091 Correction Factor: +0.0Cooler Temperature(°C): 18.7 Cooler Temperature Corrected(°C): 18.7Temperature Blank Present:  Yes  NoType of Ice: Wet Blue None Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer \_\_\_\_\_

Temp should be above freezing to 6.0°C  
USDA Regulated Soil (  N/A, water sample)Date and Initials of person examining contents: MTB 4.26.21Did 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)	<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.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	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.
pH paper Lot # <u>HC904495</u>				
All containers needing preservation are found to be in compliance with method recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Sample #
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 type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
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: \_\_\_\_\_