

May 07, 2021

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

RE: Project: RED MILL ELEMENTARY 4/22
Pace Project No.: 70170678

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

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

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

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: RM-02-BF-S-36								
Lab ID: 70170678001								
Collected: 04/22/21 06:39								
Received: 04/26/21 08:45								
Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water								
Analytical Method: EPA 200.8								
Pace Analytical Services - Melville								
Lead	5.8	ug/L	1.0	1		05/06/21 23:57	7439-92-1	

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Sample: RM-02-BF-S-36F		Lab ID: 70170678002	Collected: 04/22/21 06:39	Received: 04/26/21 08:45	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	99.7	ug/L	1.0	1		05/07/21 00:01	7439-92-1	

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Sample: RM-02-BF-S-38		Lab ID: 70170678003	Collected: 04/22/21 06:41	Received: 04/26/21 08:45	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	8.4	ug/L	1.0	1		05/07/21 00:04	7439-92-1	

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Sample: RM-02-BF-S-38F		Lab ID: 70170678004	Collected: 04/22/21 06:41	Received: 04/26/21 08:45	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	13.3	ug/L	1.0	1		05/07/21 00:05	7439-92-1	

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: RM-02-CF-S-66								
Lab ID: 70170678005								
Collected: 04/22/21 06:44								
Received: 04/26/21 08:45								
Matrix: Drinking Water								
200.8 MET ICPMS Drinking Water								
Analytical Method: EPA 200.8								
Pace Analytical Services - Melville								
Lead	15.4	ug/L	1.0	1		05/07/21 00:06	7439-92-1	

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: RM-02-CF-S-66F								
Lab ID: 70170678006								
Collected: 04/22/21 06:44								
Received: 04/26/21 08:45								
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		05/07/21 00:07	7439-92-1	

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: RM-01-DW-S-74								
Lab ID: 70170678007								
Collected: 04/22/21 06:51								
Received: 04/26/21 08:45								
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		05/07/21 00:08	7439-92-1	

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Sample: RM-01-DW-S-74F		Lab ID: 70170678008	Collected: 04/22/21 06:51	Received: 04/26/21 08:45	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		05/07/21 00:09	7439-92-1	

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Sample: RM-01-CF-S-79	Lab ID: 70170678009	Collected: 04/22/21 06:49	Received: 04/26/21 08:45	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		05/07/21 00:10	7439-92-1		

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Sample: RM-01-CF-S-79F								
Lab ID: 70170678010								
Collected: 04/22/21 06:49								
Received: 04/26/21 08:45								
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		05/07/21 00:11	7439-92-1	

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Sample: RM-01-CF-S-88	Lab ID: 70170678011	Collected: 04/22/21 06:47	Received: 04/26/21 08:45	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		05/07/21 00:12	7439-92-1		

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ANALYTICAL RESULTS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

Sample: RM-01-CF-S-88F		Lab ID: 70170678012	Collected: 04/22/21 06:47	Received: 04/26/21 08:45	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		05/07/21 00:16	7439-92-1	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: RED MILL ELEMENTARY 4/22
Pace Project No.: 70170678

QC Batch:	207466	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: 70170678001, 70170678002, 70170678003, 70170678004, 70170678005, 70170678006, 70170678007, 70170678008, 70170678009, 70170678010, 70170678011, 70170678012

METHOD BLANK: 1031318 Matrix: Water
Associated Lab Samples: 70170678001, 70170678002, 70170678003, 70170678004, 70170678005, 70170678006, 70170678007, 70170678008, 70170678009, 70170678010, 70170678011, 70170678012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	05/06/21 23:55	

LABORATORY CONTROL SAMPLE: 1031319

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	48.7	97	85-115	

MATRIX SPIKE SAMPLE: 1031322

Parameter	Units	70170678001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	5.8	50	63.6	116	70-130	

MATRIX SPIKE SAMPLE: 1031324

Parameter	Units	70170678011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	58.8	116	70-130	

SAMPLE DUPLICATE: 1031321

Parameter	Units	70170678001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	5.8	5.6	3	

SAMPLE DUPLICATE: 1031323

Parameter	Units	70170678011 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

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.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: RED MILL ELEMENTARY 4/22

Pace Project No.: 70170678

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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RED MILL ELEMENTARY 4/22
Pace Project No.: 70170678

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70170678001	RM-02-BF-S-36	EPA 200.8	207466		
70170678002	RM-02-BF-S-36F	EPA 200.8	207466		
70170678003	RM-02-BF-S-38	EPA 200.8	207466		
70170678004	RM-02-BF-S-38F	EPA 200.8	207466		
70170678005	RM-02-CF-S-66	EPA 200.8	207466		
70170678006	RM-02-CF-S-66F	EPA 200.8	207466		
70170678007	RM-01-DW-S-74	EPA 200.8	207466		
70170678008	RM-01-DW-S-74F	EPA 200.8	207466		
70170678009	RM-01-CF-S-79	EPA 200.8	207466		
70170678010	RM-01-CF-S-79F	EPA 200.8	207466		
70170678011	RM-01-CF-S-88	EPA 200.8	207466		
70170678012	RM-01-CF-S-88F	EPA 200.8	207466		

REPORT OF LABORATORY ANALYSIS

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POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

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: Red Mill Elementary School
 BLDG ADDRESS: 225 McCullough Place, Rensselaer, NY 12144
 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: Sam Beardsley
 District Staff: Sherry Allen

WO#: 70170678



SAMPLE DATA

Lab Sample #	BOCES Sample #	Location	Outlet Description	Outlet Information				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	Construct. Date	First Draw	Time of Collection (24hr)							
36	RM-02-BF-S-36	Boy's Room by 120 - R	Bathroom Faucet			X	639	X	639					
36F	RM-02-BF-S-36F	Boy's Room by 120 - R	Bathroom Faucet			X	641	X	641					
38	RM-02-BF-S-38	Girl's Room by 120 - R	Bathroom Faucet			X	644	X	644					
38F	RM-02-BF-S-38F	Girl's Room by 120 - R	Bathroom Faucet			X	651	X	651					
66	RM-02-CF-S-66	19	Classroom Sink Faucet			X	649	X	649					
66F	RM-02-CF-S-66F	19	Classroom Sink Faucet			X	647	X	647					
74	RM-01-DW-S-74	34	Water Fountain											
74F	RM-01-DW-S-74F	34	Water Fountain											
79	RM-01-CF-S-79	30	Classroom Sink Faucet			X	649	X	649					
79F	RM-01-CF-S-79F	30	Classroom Sink Faucet			X	647	X	647					
88	RM-01-CF-S-88	26	Classroom Sink Faucet			X		X						
88F	RM-01-CF-S-88F	26	Classroom Sink Faucet			X		X						

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: 4-23-21 0643 Time: 4-26-21 8:45

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 m
 Comments: Provide Laboratory Data Report (LDR) and Chain of Custody



Sample Condition Upon Receipt

Client Name: East Greenbush CSD

Proj:

WO#: 70170678

PM: NML

Due Date: 05/10/21

CLIENT: QUESTAR

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: 9099 9901 6115

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

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other

Thermometer Used: TH091

Correction Factor: +0.0

Cooler Temperature(°C): 18.7

Cooler Temperature Corrected(°C): 18.7

Temperature Blank Present: Yes No

Type 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: NTB 4.26.21

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)	<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: <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>HC904495</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:	<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.
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: _____