

May 24, 2021

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

RE: Project: TROY MIDDLE SCHOOL 5/6  
Pace Project No.: 70172377

Dear Paul Swieton:

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: Robert Garland, Troy City SD  
Tim LeVan, Questar III



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

---

### **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

---

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

Sample: TMS-01-DW1-P-417		Lab ID: 70172377001	Collected: 05/06/21 05:38	Received: 05/10/21 11:40	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		05/24/21 12:32	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: TMS-01-DW1-P-436</b>								
<b>Lab ID: 70172377002</b>								
Collected: 05/06/21 05:35								
Received: 05/10/21 11:40								
Matrix: Drinking Water								
<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		05/24/21 12:36	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

Sample: TMS-01-DW2-P-437		Lab ID: 70172377003	Collected: 05/06/21 05:35	Received: 05/10/21 11:40	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		05/24/21 12:37	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

Sample: TMS-01-DW1-P-440		Lab ID: 70172377004	Collected: 05/06/21 05:32	Received: 05/10/21 11:40	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		05/24/21 12:38	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

Sample: TMS-01-DW2-P-441		Lab ID: 70172377005	Collected: 05/06/21 05:32	Received: 05/10/21 11:40	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		05/24/21 12:39	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### ANALYTICAL RESULTS

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

Sample: TNS-01-CF-P-443		Lab ID: 70172377006		Collected: 05/06/21 05:30	Received: 05/10/21 11:40	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>11.5</b>	ug/L	1.0	1		05/24/21 12:41	7439-92-1	

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



### ANALYTICAL RESULTS

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

Sample: TNS-02-CF-P-448		Lab ID: 70172377007		Collected: 05/06/21 05:27		Received: 05/10/21 11:40		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>18.6</b>	ug/L	1.0	1		05/24/21 12:42	7439-92-1		

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### QUALITY CONTROL DATA

Project: TROY MIDDLE SCHOOL 5/6  
Pace Project No.: 70172377

QC Batch: 210130 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: 70172377001, 70172377002, 70172377003, 70172377004, 70172377005, 70172377006, 70172377007

METHOD BLANK: 1050177 Matrix: Water  
Associated Lab Samples: 70172377001, 70172377002, 70172377003, 70172377004, 70172377005, 70172377006, 70172377007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	05/24/21 12:30	

LABORATORY CONTROL SAMPLE: 1050178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	50.9	102	85-115	

MATRIX SPIKE SAMPLE: 1050181

Parameter	Units	70172377001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	59.6	119	70-130	

MATRIX SPIKE SAMPLE: 1050183

Parameter	Units	70172379004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	66.6	133	70-130	M1

SAMPLE DUPLICATE: 1050180

Parameter	Units	70172377001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1050182

Parameter	Units	70172379004 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

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## QUALIFIERS

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

---

### 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

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: TROY MIDDLE SCHOOL 5/6

Pace Project No.: 70172377

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70172377001	TMS-01-DW1-P-417	EPA 200.8	210130		
70172377002	TMS-01-DW1-P-436	EPA 200.8	210130		
70172377003	TMS-01-DW2-P-437	EPA 200.8	210130		
70172377004	TMS-01-DW1-P-440	EPA 200.8	210130		
70172377005	TMS-01-DW2-P-441	EPA 200.8	210130		
70172377006	TNS-01-CF-P-443	EPA 200.8	210130		
70172377007	TNS-02-CF-P-448	EPA 200.8	210130		

### REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.





# Sample Condition Upon Receipt

Client Name: Enlarged city of Troy

Project: \_\_\_\_\_

**WO#: 70172377**

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  Other

Thermometer Used: TH091

Correction Factor: +0.0Cooler Temperature(°C): 19.5Cooler Temperature Corrected(°C): 19.5

Temp should be above freezing to 6.0°C

USDA Regulated Soil (  N/A, water sample)Date and Initials of person examining contents: CH SlolzaDid 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 checked="" type="checkbox"/> Yes	<input 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 <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # <u>HCO41002</u>				Sample #
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	
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: \_\_\_\_\_

POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

Appendix D

CLIENT INFORMANTION

Name:	Enlarged City School District of Troy
Address:	475 First Street Troy NY 12180
Client Rep:	Bob Garland

Date of Sampling:	1/6/2021	5/6/2021
Samples Taken By:	Tim LeVan	Tim LeVan
Samples Taken By:	Ray Zinssar	Dan French

SCHOOL/PROJECT INFORMATION

BLDG NO./NAME:	Troy Middle School
BLDG ADDRESS:	1976 Burdett Ave Troy NY 12180
CONTACT NAME & NUMBERS:	Bob Garland 518-328-5426

(1) Yr. Built	(2) Yr 1st Add:	(3) Yr 2nd Add:	(4) Yr 1st Mod:	(5) Yr. 2nd Mod:
1976			2014	

SAMPLE DATA

Sample Description ID (ID must match container label)				Outlet Information						
Lab Sample #	BOCES Sample #	Location	Outlet Description	Outlet Make & Model	Construct. Date	First Draw	Lead test Results ug/L from	Lead test Results ug/L from 5/6/2021	Lead test Results ug/L from	Remediation
404	TMS-01-BF-P-404	Main office womens room	Sink		2014	X	<1.0			
405	TMS-01-DW1-P-405	Corridor by 121A	Water fountain 1		2014	X	<1.0			
406	TMS-01-DW2-P-406	Corridor by 121A	Water fountain 2		2014	X	<1.0			
407	TMS-01-SF-P-407	121A work room	Sink		2014	X	<1.0			
408	TMS-01-BF-P-408	133 bathroom	Sink		2014	X	<1.0			
409	TMS-01-CF-P-409	156 tech. lab	Sink		2014	X	2			
410	TMS-01-DW1-P-410	Corridor by small Gym	Water fountain 1		2014	X	<1.0			
411	TMS-01-DW2-P-411	Corridor by small Gym	Water fountain 2		2019	X	<1.0			
412	TMS-01-DW2A-P-412	Corridor by small Gym	Bottle filler		2019	X	<1.0			
413	TMS-01-NF1-P-413	Nurses office	Sink 1		2014	X	<1.0			
414	TMS-01-NF2-P-414	Nurses office	Sink 2		2014	X	<1.0			
415	TMS-01-BF-P-415	Nurse bathroom	Sink		2014	X	<1.0			
416	TMS-01-SF-P-416	102D	Sink		2014	X	<1.0			
417	TMS-01-DW1-P-417	Corridor by media center	Water fountain 1		2014	X	Not working	<1.0		
418	TMS-01-DW2-P-418	Corridor by media center	Water fountain 2		2019	X	<1.0			
419	TMS-01-DW2A-P-419	Corridor by media center	Bottle filler		2019	X	<1.0			
420	TMS-01-SF-P-420	Media center office	Sink		2014	X	<1.0			
421	TMS-01-SF-P-421	165 LGI work room	Sink		2014	X	1.1			
422	TMS-01-CF-P-422	106B	Sink		2014	X	<1.0			

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

CHAIN OF CUSTODY

Relinquished By:	Received By:	Time:	Date:

INSTRUCTIONS TO THE LABORATORY - Analyze all samples for lead (Pb)

Lab: PACE Analytical	
Contact:	
Comments: Provide Laboratory Data Report (LDR) and Chain of Custody	