

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 HIGH SCHOOL 5/6  
Pace Project No.: 70172387

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,  
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## CERTIFICATIONS

Project: TROY HIGH SCHOOL 5/6

Pace Project No.: 70172387

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### **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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## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: TROY HIGH SCHOOL 5/6

Pace Project No.: 70172387

Sample: THS-LL-DW-P-480		Lab ID: 70172387001	Collected: 05/06/21 05:10	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 13:17	7439-92-1	

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### ANALYTICAL RESULTS

Project: TROY HIGH SCHOOL 5/6

Pace Project No.: 70172387

Sample: THS-LL-DW1-P-482		Lab ID: 70172387002	Collected: 05/06/21 05:08	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>10.5</b>	ug/L	1.0	1		05/24/21 13:18	7439-92-1	

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### ANALYTICAL RESULTS

Project: TROY HIGH SCHOOL 5/6

Pace Project No.: 70172387

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: THS-02-DW-P-537</b>								
<b>Lab ID: 70172387003</b>								
Collected: 05/06/21 05:17								
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	1.9	ug/L	1.0	1		05/24/21 13:19	7439-92-1	

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### ANALYTICAL RESULTS

Project: TROY HIGH SCHOOL 5/6

Pace Project No.: 70172387

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>Sample: THS-03-CF-P-557      Lab ID: 70172387004      Collected: 05/06/21 05:22      Received: 05/10/21 11:40      Matrix: Drinking Water</b>								
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	<b>358</b>	ug/L	1.0	1		05/24/21 13:20	7439-92-1	

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### QUALITY CONTROL DATA

Project: TROY HIGH SCHOOL 5/6  
Pace Project No.: 70172387

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: 70172387001, 70172387002, 70172387003, 70172387004

METHOD BLANK: 1050184 Matrix: Water  
Associated Lab Samples: 70172387001, 70172387002, 70172387003, 70172387004

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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## QUALIFIERS

Project: TROY HIGH SCHOOL 5/6

Pace Project No.: 70172387

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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.

### 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: TROY HIGH SCHOOL 5/6

Pace Project No.: 70172387

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70172387001	THS-LL-DW-P-480	EPA 200.8	210133		
70172387002	THS-LL-DW1-P-482	EPA 200.8	210133		
70172387003	THS-02-DW-P-537	EPA 200.8	210133		
70172387004	THS-03-CF-P-557	EPA 200.8	210133		

### REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt



Client Name: Enlarged City of Troy

**WO#: 70172387**  
 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  No

Packing Material:  Bubble Wrap  Bubble Bags  Ziploc  None  Other

Thermometer Used: TH091 Correction Factor: +0.0

Cooler Temperature(°C): 19.5 Cooler Temperature Corrected(°C): 19.5

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: CHS/10/21

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 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	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 type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
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:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
KI starch test strips Lot #		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: \_\_\_\_\_

\* PM (Project Manager) review is documented electronically in LIMS.

8741

POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

Appendix D

CLIENT INFORMATION

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

Date of Sampling:	12/30/2020	5/6/2021
Samples Taken By:	Tim LeVan	Tim LeVan
Samples Taken By:	Brock Crouch	Dan French

SCHOOL/PROJECT INFORMATION

BLDG NO./NAME:	Troy High School
BLDG ADDRESS:	1950 Burdett Ave Troy NY 12180
CONTACT NAME & NUMBERS:	Robert Garland 518-328-5426

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

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
470	THS-LL-DW1-P-470	Gym lobby	Water fountain 1			X	<1.0			
471	THS-LL-BF1-P-471	Girls room	Sink 1			X	<1.0			
472	THS-LL-DW2-P-472	Gym lobby	Water fountain 2			X	1.3			
473	THS-LL-BF2-P-473	Boys room	Sink 2			X	2.3			
474	THS-LL-BF3-P-474	Boys room	Sink 3			X	<1.0			
475	THS-LL-DW1-P-475	Pool	Water fountain 1			X	8.4			
476	THS-LL-DW2-P-476	Pool	Water fountain 2			X	Not Working			
477	THS-LL-BF2-P-477	Girls locker room	Sink 2				<1.0			
478	THS-LL-BF-P-478	041 trainer room	Sink			X	1.4			
479	THS-LL-IM-P-479	041 trainer room	Ice machine			X	<1.0			
480	THS-LL-DW-P-480	Corridor by trainer room	Water fountain 1			X	Not working	<1.0		
481	THS-LL-DW-P-481	Corridor by trainer room	Water fountain 2			X	<1.0			
482	THS-LL-DW1-P-482	Cafeteria	Water fountain 1			X	58.1	10.5		
483	THS-LL-DW2-P-483	Cafeteria	Water fountain2			X	7.3			
484	THS-LL-DW3-P-484	Cafeteria	Water fountain 3			X	10.4			
485	THS-LL-DW4-P-485	Cafeteria	Water fountain 4			X	2.2			
486	THS-LL-KF1-P-486	Kitchen serving line	Sink 1			X	9.1			
487	THS-LL-KF2-P-487	Kitchen	Sink 2			X	4.8			
488	THS-LL-KF3-P-488	Kitchen	Sink 3			X	2.5			
489	THS-LL-KF4-P-489	Kitchen	Sink 4			X	6.1			
490	THS-LL-KF5-P-490	Kitchen	Sink 5			X	1.2			
491	THS-LL-KF6-P-491	Kitchen	Sink 6			X	Removed No Test			
492	THS-LL-KF7-P-492	Kitchen	Sink 7			X	4.2			
493	THS-LL-IM-P-493	Kitchen	Ice machine			X	<1.0			
494	THS-LL-BF-P-494	Kitchen bathroom	Sink			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	