

January 19, 2022

Patricia Cerio  
Oneida-Herkimer-Madison BOCES  
4747 Middle Settlement Road  
Supervisor of Safety Services  
New Hartford, NY 13413

RE: Project: WHITEBORO CSD MARCY ELEM 1/12  
Pace Project No.: 70200942

Dear Patricia Cerio:

Enclosed are the analytical results for sample(s) received by the laboratory on January 15, 2022. 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,



Kimberley M. Mack  
kimberley.mack@pacelabs.com  
(631)694-3040  
Project Manager

Enclosures

cc: Connor Utesch, Oneida-Herkimer-Madison BOCES



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: WHITEBORO CSD MARCY ELEM 1/12

Pace Project No.: 70200942

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

575 Broad Hollow Rd, Melville, NY 11747

Connecticut Certification #: PH-0435

Delaware Certification # NY 10478

Maryland Certification #: 208

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

New Jersey Certification #: NY158

New York Certification #: 10478 Primary Accrediting Body

Pennsylvania Certification #: 68-00350

Rhode Island Certification #: LAO00340

Virginia Certification # 460302

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## REPORT OF LABORATORY ANALYSIS

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### ANALYTICAL RESULTS

Project: WHITEBORO CSD MARCY ELEM 1/12  
Pace Project No.: 70200942

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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<b>Sample: ROOM 16</b>	<b>Lab ID: 70200942001</b>	Collected: 01/12/22 07:00	Received: 01/15/22 10:10	Matrix: Drinking Water				
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.5	ug/L	1.0	1		01/19/22 16:34	7439-92-1	

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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<b>Sample: ROOM 19</b>	<b>Lab ID: 70200942002</b>	Collected: 01/12/22 07:05	Received: 01/15/22 10:10	Matrix: Drinking Water				
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.1	ug/L	1.0	1		01/19/22 15:52	7439-92-1	

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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<b>Sample: ROOM 14</b>	<b>Lab ID: 70200942003</b>	Collected: 01/12/22 07:07	Received: 01/15/22 10:10	Matrix: Drinking Water				
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	8.2	ug/L	1.0	1		01/19/22 15:56	7439-92-1	

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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<b>Sample: ROOM 17</b>	<b>Lab ID: 70200942004</b>	Collected: 01/12/22 07:09	Received: 01/15/22 10:10	Matrix: Drinking Water				
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	10.1	ug/L	1.0	1		01/19/22 15:57	7439-92-1	

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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<b>Sample: ROOM 12</b>	<b>Lab ID: 70200942005</b>	Collected: 01/12/22 07:10	Received: 01/15/22 10:10	Matrix: Drinking Water				
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	3.5	ug/L	1.0	1		01/19/22 15:58	7439-92-1	

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### ANALYTICAL RESULTS

Project: WHITEBORO CSD MARCY ELEM 1/12  
Pace Project No.: 70200942

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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<b>Sample: ROOM 15</b>	<b>Lab ID: 70200942006</b>	Collected: 01/12/22 07:12	Received: 01/15/22 10:10	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		01/19/22 16:00	7439-92-1	

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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<b>Sample: ROOM 20</b>	<b>Lab ID: 70200942007</b>	Collected: 01/12/22 07:14	Received: 01/15/22 10:10	Matrix: Drinking Water				
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	1.6	ug/L	1.0	1		01/19/22 16:01	7439-92-1	

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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<b>Sample: ROOM 22</b>	<b>Lab ID: 70200942008</b>	Collected: 01/12/22 07:15	Received: 01/15/22 10:10	Matrix: Drinking Water				
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	2.1	ug/L	1.0	1		01/19/22 16:02	7439-92-1	

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
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<b>Sample: ROOM 24</b>	<b>Lab ID: 70200942009</b>	Collected: 01/12/22 07:20	Received: 01/15/22 10:10	Matrix: Drinking Water				
<b>200.8 MET ICPMS Drinking Water</b>	Analytical Method: EPA 200.8 Pace Analytical Services - Melville							
Lead	4.4	ug/L	1.0	1		01/19/22 16:03	7439-92-1	

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### QUALITY CONTROL DATA

Project: WHITEBORO CSD MARCY ELEM 1/12

Pace Project No.: 70200942

QC Batch:	241153	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: 70200942001, 70200942002, 70200942003, 70200942004, 70200942005, 70200942006, 70200942007, 70200942008, 70200942009

METHOD BLANK: 1218633 Matrix: Water

Associated Lab Samples: 70200942001, 70200942002, 70200942003, 70200942004, 70200942005, 70200942006, 70200942007, 70200942008, 70200942009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	01/19/22 15:25	

LABORATORY CONTROL SAMPLE: 1218635

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	51.7	103	85-115	

MATRIX SPIKE SAMPLE: 1218638

Parameter	Units	70200433001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	64.8	129	70-130	

MATRIX SPIKE SAMPLE: 1218640

Parameter	Units	70200772001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	<1.0	50	64.0	128	70-130	

SAMPLE DUPLICATE: 1218637

Parameter	Units	70200433001 Result	Dup Result	RPD	Qualifiers
Lead	ug/L	<1.0	<1.0		

SAMPLE DUPLICATE: 1218639

Parameter	Units	70200772001 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.

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## QUALIFIERS

Project: WHITEBORO CSD MARCY ELEM 1/12

Pace Project No.: 70200942

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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.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

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: WHITEBORO CSD MARCY ELEM 1/12

Pace Project No.: 70200942

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70200942001	ROOM 16	EPA 200.8	241153		
70200942002	ROOM 19	EPA 200.8	241153		
70200942003	ROOM 14	EPA 200.8	241153		
70200942004	ROOM 17	EPA 200.8	241153		
70200942005	ROOM 12	EPA 200.8	241153		
70200942006	ROOM 15	EPA 200.8	241153		
70200942007	ROOM 20	EPA 200.8	241153		
70200942008	ROOM 22	EPA 200.8	241153		
70200942009	ROOM 24	EPA 200.8	241153		

**REPORT OF LABORATORY ANALYSIS**

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Client Name: OHM BOCES

Project

**WO#: 70200942**  
**PM: KMM** **Due Date: 01/25/22**  
**CLIENT: OHM**

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other  
 Tracking #: 2887 5253 2960  
 Custody Seal on Cooler/Box Present:  Yes  No Seals intact:  Yes  No  N/A  
 Packing Material:  Bubble Wrap  Bubble Bags  Ziploc  None  Other  
 Thermometer Used: TH091 Correction Factor: 0.00  
 Cooler Temperature(°C): 3.4 Cooler Temperature Corrected(°C): 3.4  
 Temp should be above freezing to 6.0°C  
 USDA Regulated Soil (  N/A, water sample)

Type of Ice: Wet Blue None  
 Samples on ice; cooling process has begun  
 Date/Time 5035A kits placed in freezer \_\_\_\_\_

Date and Initials of person examining contents: EJA 1/15/22

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	
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 WT 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>HCO33148</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. Positive for Sulfide? Y N
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.