

| Sample Identification # and Location | Date/Time Collected | Date/Time Analyzed | Container ID | Analyte | Results | NYSDOH Action Level | Units |
|--------------------------------------|---------------------|--------------------|--------------|---------|---------|---------------------|-------|
| REC-01-KF-P-07                       | 12/10/2020 05:30    | 12/28/2020 20:18   | 70156884001  | Lead    | 1.3     | 15                  | ug/L  |

NYSDOH Action Level for Lead of 15 ppb

December 29, 2020

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

RE: Project: RENSSELAER EDUCATION CENTER  
Pace Project No.: 70156884

Dear Paul Swieton:

Enclosed are the analytical results for sample(s) received by the laboratory on December 15, 2020. 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: Tim LeVan, Questar III



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: RENSSELAER EDUCATION CENTER

Pace Project No.: 70156884

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

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: RENNELAER EDUCATION CENTER

Pace Project No.: 70156884

| Parameters                            | Results | Units | Report Limit | DF | Prepared | Analyzed       | CAS No.   | Qual |
|---------------------------------------|---------|-------|--------------|----|----------|----------------|-----------|------|
| <b>Sample: REC-01-KF-P-07</b>         |         |       |              |    |          |                |           |      |
| <b>Lab ID: 70156884001</b>            |         |       |              |    |          |                |           |      |
| Collected: 12/10/20 05:30             |         |       |              |    |          |                |           |      |
| Received: 12/15/20 11:00              |         |       |              |    |          |                |           |      |
| Matrix: Drinking Water                |         |       |              |    |          |                |           |      |
| <b>200.8 MET ICPMS Drinking Water</b> |         |       |              |    |          |                |           |      |
| Analytical Method: EPA 200.8          |         |       |              |    |          |                |           |      |
| Pace Analytical Services - Melville   |         |       |              |    |          |                |           |      |
| Lead                                  | 1.3     | ug/L  | 1.0          | 1  |          | 12/28/20 20:18 | 7439-92-1 |      |

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### QUALITY CONTROL DATA

Project: RENSSELAER EDUCATION CENTER  
Pace Project No.: 70156884

QC Batch: 191015 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: 70156884001

METHOD BLANK: 936994 Matrix: Water  
Associated Lab Samples: 70156884001

| Parameter | Units | Blank Result | Reporting Limit | Analyzed       | Qualifiers |
|-----------|-------|--------------|-----------------|----------------|------------|
| Lead      | ug/L  | <1.0         | 1.0             | 12/28/20 19:53 |            |

LABORATORY CONTROL SAMPLE: 936995

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|-------------|------------|-----------|--------------|------------|
| Lead      | ug/L  | 50          | 51.2       | 102       | 85-115       |            |

MATRIX SPIKE SAMPLE: 936997

| Parameter | Units | 70156881018 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|--------------------|-------------|-----------|----------|--------------|------------|
| Lead      | ug/L  | 6.0                | 4           | 9.3       | 80       | 70-130       |            |

MATRIX SPIKE SAMPLE: 936999

| Parameter | Units | 70156884001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|-----------|-------|--------------------|-------------|-----------|----------|--------------|------------|
| Lead      | ug/L  | 1.3                | 4           | 4.4       | 78       | 70-130       |            |

SAMPLE DUPLICATE: 936996

| Parameter | Units | 70156881018 Result | Dup Result | RPD | Qualifiers |
|-----------|-------|--------------------|------------|-----|------------|
| Lead      | ug/L  | 6.0                | 6.0        | 0   |            |

SAMPLE DUPLICATE: 936998

| Parameter | Units | 70156884001 Result | Dup Result | RPD | Qualifiers |
|-----------|-------|--------------------|------------|-----|------------|
| Lead      | ug/L  | 1.3                | 1.3        | 3   |            |

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: RENSSELAER EDUCATION CENTER

Pace Project No.: 70156884

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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.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RENSSELAER EDUCATION CENTER

Pace Project No.: 70156884

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| <b>Lab ID</b> | <b>Sample ID</b> | <b>QC Batch Method</b> | <b>QC Batch</b> | <b>Analytical Method</b> | <b>Analytical Batch</b> |
|---------------|------------------|------------------------|-----------------|--------------------------|-------------------------|
| 70156884001   | REC-01-KF-P-07   | EPA 200.8              | 191015          |                          |                         |

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### REPORT OF LABORATORY ANALYSIS

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# Sample Condition Upon Receipt



Client Name: \_\_\_\_\_

Project \_\_\_\_\_

WO#: 70156884

PM: NML

Due Date: 12/30/20

CLIENT: QUESTAR

Courier:  Fed Ex  UPS  USPS  Client  Commercial  Pace  Other

Tracking #: 9099 9901 2256

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: ± 0.2

Cooler Temperature(°C): 19.2    Cooler Temperature Corrected(°C): 19.0

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: HOR 12/16/20

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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 <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>HC904495</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).<br>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: \_\_\_\_\_