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REPORT OF LABORATORY ANALYSIS

Enclosures

Elizabeth Harrison
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(631)694-3040
Project Manager

Elizabeth Harrison

Sincerely,

If you have any questions concerning this report, please feel free to contact me.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
• Pace Analytical Services - Melville

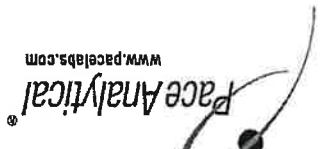
Enclosed are the analytical results for sample(s) received by the laboratory on May 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

Dear David Crisafulli:

RE: Project: SCHOOL LEAD TESTING TRANS 5/12
Pace Project No.: 70174325

David Crisafulli
Oswego City School District
1 Buccaneer Blvd
Oswego, NY 13126

June 09, 2021





Face Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: SCHOOL LEAD TESTING TRANS 5/12
Face Project No.: 70174325

| | |
|--|--|
| Pennsylvania Certification #: 68-00350 | Virginia Certification # 460302 |
| Connecticut Certification #: PH-0435 | Delaware Certification # NY10478 |
| Maryland Certification #: 208 | Delaware Certification # NY10478 |
| Rhode Island Certification #: LAO00340 | 575 Broad Hollow Rd, Melville, NY 11747 |
| Massachusetts Certification #: M-NY026 | New York Certification #: 10478 Primary Accrediting Body |
| New Hampshire Certification #: 2987 | New Jersey Certification #: NY158 |

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: SCHOOL LEAD TESTING TRANS 5/12
 Pace Project No.: 70174325

| Sample: | Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------------------------------|---------|-------|--------------|----|----------|----------|---------|------|
| Sample: TRAN - M BR LEFT | 200.8 MET ICPPMS Drinking Water | 8.8 | ug/L | 1.0 | 1 | | | | |
| Analytical Method: EPA 200.8 | | | | | | | | | |
| Face Analytical Services - Melville | | | | | | | | | |
| Lab ID: 70174325001 Collected: 05/12/21 06:17 Received: 05/24/21 11:35 Matrix: Drinking Water | | | | | | | | | |
| 06/09/21 13:08 7439-92-1 | | | | | | | | | |

| Sample: | Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------------------------------|---------|-------|--------------|----|----------|----------|---------|------|
| Sample: TRAN - M BR RIGHT | 200.8 MET ICPPMS Drinking Water | 14.2 | ug/L | 1.0 | 1 | | | | |
| Analytical Method: EPA 200.8 | | | | | | | | | |
| Face Analytical Services - Melville | | | | | | | | | |
| Lab ID: 70174325002 Collected: 05/12/21 06:17 Received: 05/24/21 11:35 Matrix: Drinking Water | | | | | | | | | |
| 06/09/21 13:11 7439-92-1 | | | | | | | | | |

| Sample: | Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------------------------------|---------|-------|--------------|----|----------|----------|---------|------|
| Sample: TRAN - W BR LEFT | 200.8 MET ICPPMS Drinking Water | 5.3 | ug/L | 1.0 | 1 | | | | |
| Analytical Method: EPA 200.8 | | | | | | | | | |
| Face Analytical Services - Melville | | | | | | | | | |
| Lab ID: 70174325003 Collected: 05/12/21 06:18 Received: 05/24/21 11:35 Matrix: Drinking Water | | | | | | | | | |
| 06/09/21 13:14 7439-92-1 | | | | | | | | | |

| Sample: | Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------------------------------|---------|-------|--------------|----|----------|----------|---------|------|
| Sample: TRAN - W BR RIGHT | 200.8 MET ICPPMS Drinking Water | 5.3 | ug/L | 1.0 | 1 | | | | |
| Analytical Method: EPA 200.8 | | | | | | | | | |
| Face Analytical Services - Melville | | | | | | | | | |
| Lab ID: 70174325004 Collected: 05/12/21 06:18 Received: 05/24/21 11:35 Matrix: Drinking Water | | | | | | | | | |
| 06/09/21 13:15 7439-92-1 | | | | | | | | | |

| Sample: | Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---------------------------------|---------|-------|--------------|----|----------|----------|---------|------|
| Sample: BTL FILLER IN HW | 200.8 MET ICPPMS Drinking Water | <1.0 | ug/L | 1.0 | 1 | | | | |
| Analytical Method: EPA 200.8 | | | | | | | | | |
| Face Analytical Services - Melville | | | | | | | | | |
| Lab ID: 70174325005 Collected: 05/12/21 06:19 Received: 05/24/21 11:35 Matrix: Drinking Water | | | | | | | | | |
| 06/09/21 13:16 7439-92-1 | | | | | | | | | |

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ANALYTICAL RESULTS

Project: SCHOOL LEAD TESTING TRANS 5/12
 Face Project No.: 70174325

| Sample: | Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---------------------------|---|---------------------------|--------------------------|------------------------|----|----------------|-----------|---------|------|
| Sample: DF IN HW | 200.8 MET ICPMS Drinking Water | <1.0 | ug/L | 1.0 | 1 | 06/09/21 13:17 | 7439-92-1 | | |
| Lab ID: 70174325006 | Analytical Method: EPA 200.8 Face Analytical Services - Melville | Collected: 05/12/21 06:19 | Received: 05/24/21 11:35 | Matrix: Drinking Water | | | | | |
| Sample: TRAN MECH RM SLOP | 200.8 MET ICPMS Drinking Water | 3.6 | ug/L | 1.0 | 1 | 06/09/21 13:18 | 7439-92-1 | | |
| Lab ID: 70174325007 | Analytical Method: EPA 200.8 Face Analytical Services - Melville | Collected: 05/12/21 06:22 | Received: 05/24/21 11:35 | Matrix: Drinking Water | | | | | |
| Sample: TRANSP, LOUNGE KS | 200.8 MET ICPMS Drinking Water | 14.6 | ug/L | 1.0 | 1 | 06/09/21 13:19 | 7439-92-1 | | |
| Lab ID: 70174325008 | Analytical Method: EPA 200.8 Face Analytical Services - Melville | Collected: 05/12/21 06:23 | Received: 05/24/21 11:35 | Matrix: Drinking Water | | | | | |

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QUALITY CONTROL DATA

Project: SCHOOL LEAD TESTING TRANS 5/12
 Face Project No.: 70174325

| | | | |
|-------------------------|--|-----------------------|----------------------------------|
| QC Batch: | 212624 | Analysis Method: | EPA 200.8 |
| QC Batch Method: | EPA 200.8 | Analysis Description: | 200.8 MET No Prep Drinking Water |
| Associated Lab Samples: | 70174325001, 70174325002, 70174325003, 70174325004, 70174325005, 70174325006, 70174325007, 70174325008 | | |
| Associated Lab Samples: | 70174325001, 70174325002, 70174325003, 70174325004, 70174325005, 70174325006, 70174325007, 70174325008 | | |
| METHOD BLANK: | 1066532 | Matrix: | Water |
| Parameter: | Lead | Units: | ug/L |
| Blank Reporting Limit | <1.0 | Reporting Limit | 1.0 |
| QC Batch Method: | EPA 200.8 | Analysis Description: | 200.8 MET No Prep Drinking Water |
| Associated Lab Samples: | 70174325001, 70174325002, 70174325003, 70174325004, 70174325005, 70174325006, 70174325007, 70174325008 | | |

| | | | |
|----------------------------|---------|-------------|------|
| Parameter: | Lead | Units: | ug/L |
| LABORATORY CONTROL SAMPLE: | 1066533 | Spike Conc. | 50 |
| Parameter: | Lead | Units: | ug/L |
| Result | 51.7 | LCS Result | 103 |
| % Rec | 85-115 | LCS % Rec | 103 |
| Qualifiers | | Limits | |

| | | | |
|----------------------|---------|-------------|------|
| Parameter: | Lead | Units: | ug/L |
| MATRIX SPIKE SAMPLE: | 1066535 | Spike Conc. | 50 |
| Parameter: | Lead | Units: | ug/L |
| Result | 67.1 | MS Result | 116 |
| % Rec | 70-130 | MS % Rec | 116 |
| Qualifiers | | Limits | |

| | | | |
|----------------------|---------|-------------|------|
| Parameter: | Lead | Units: | ug/L |
| MATRIX SPIKE SAMPLE: | 1066537 | Spike Conc. | 50 |
| Parameter: | Lead | Units: | ug/L |
| Result | <1.0 | MS Result | 54.5 |
| % Rec | 70-130 | MS % Rec | 108 |
| Qualifiers | | Limits | |

| | | | |
|-------------------|---------|------------|------|
| Parameter: | Lead | Units: | ug/L |
| SAMPLE DUPLICATE: | 1066534 | Dup Result | 8.8 |
| Parameter: | Lead | Units: | ug/L |
| Result | 8.7 | RPD | 2 |
| Qualifiers | | | |

| | | | |
|-------------------|---------|------------|------|
| Parameter: | Lead | Units: | ug/L |
| SAMPLE DUPLICATE: | 1066536 | Dup Result | <1.0 |
| Parameter: | Lead | Units: | ug/L |
| Result | <1.0 | RPD | |
| Qualifiers | | | |

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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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.

DEFINITIONS

Project: SCHOOL LEAD TESTING TRANS 5/12
 Pace Project No.: 70174325

QUALIFIERS

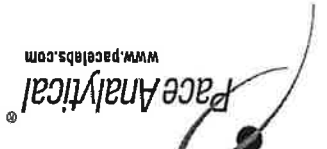
REPORT OF LABORATORY ANALYSIS

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|-------------------|-----------------|----------|-------------------|------------------|
| 70174325001 | TRAN - M BR LEFT | EPA 200.8 | 212624 | | |
| 70174325002 | TRAN - M BR RIGHT | EPA 200.8 | 212624 | | |
| 70174325003 | TRAN - W BR LEFT | EPA 200.8 | 212624 | | |
| 70174325004 | TRAN - W BR RIGHT | EPA 200.8 | 212624 | | |
| 70174325005 | BTL FILLER IN HW | EPA 200.8 | 212624 | | |
| 70174325006 | DF IN HW | EPA 200.8 | 212624 | | |
| 70174325007 | TRAN MECH RM SLOP | EPA 200.8 | 212624 | | |
| 70174325008 | TRANSP. LOUNGE KS | EPA 200.8 | 212624 | | |

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SCHOOL LEAD TESTING TRANS 5/12

Pace Project No.: 70174325



CHAIN-OF-CUSTODY / Analytical Request D.
 The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields mu:



NO# : 70174325
 70174325

Section A
 Required Client Information:
 Company: Oswego City School District
 Address: 1 Buccaneer Blvd
 Oswego, NY 13126
 Email: detsaefl@oswego.org
 Phone: (315)341-2006
 Requested Date Date:

Section B
 Required Project Information:
 Report To: David Casafulli
 Copy To:

Section C
 Invoice Information:
 Attention:
 Company Name:
 Address:
 Purchase Order #:
 Project Name: School Lead Testing
 Project Manager: billy.hurlison@paceanalytical.com
 Pace Profile #:

Section D
 Regulatory Agency:
 State / Location: NY

| ITEM # | SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample ids must be unique | MATRIX Drinking Water Water Waste Water Product Self-Serve Oil Milk Air Other Tissue | CODE DW WT WW P SL OL VP AR OT TS | COLLECTED | | START TIME | END TIME | DATE | DATE | TIME | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLER NAME AND SIGNATURE | DATE SIGNED: | TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) | |
|--------|--|--|---|-----------|------|------------|----------|------|------|------|------|---------------------------|------|------|----------------------------|--------------|-----------|-----------------------|-----------------------------|----------------------|--|
| | | | | DATE | TIME | | | | | | | | | | | | | | | | |
| 1 | Tran-M BR lot# | | | | 5/12 | 6/17 | | | | | | | | | | | | | | | |
| 2 | Tran-M BR bright | | | | 5/10 | 6/16 | | | | | | | | | | | | | | | |
| 3 | Tran-W BR lot# | | | | 5/10 | 6/16 | | | | | | | | | | | | | | | |
| 4 | Tran-W BR RWT+ | | | | 5/12 | 6/18 | | | | | | | | | | | | | | | |
| 5 | BLEFiller in HW | | | | 6/19 | 6/19 | | | | | | | | | | | | | | | |
| 6 | DE M HW | | | | 6/16 | 6/16 | | | | | | | | | | | | | | | |
| 7 | Tran Mechan Stop | | | | 6/16 | 6/16 | | | | | | | | | | | | | | | |
| 8 | Tran. lounge RS | | | | 6/23 | 6/23 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | |

| RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLER NAME AND SIGNATURE | DATE SIGNED: |
|-------------------------------|---------|-------|---------------------------|---------|-------|----------------------------|---------------|
| [Signature] | 5/17 | 08:51 | [Signature] | 5/17 | 09:51 | [Signature] | 5/17 09:51 |
| [Signature] | 5/21 | 10:20 | [Signature] | 5/21/21 | 10:20 | [Signature] | 5/21/21 10:20 |
| [Signature] | 5/21/21 | 11:25 | [Signature] | 5/24/21 | 11:35 | [Signature] | 5/24/21 11:35 |

TEMP in C

Received on Ice (Y/N)

Custody Sealed Cooler (Y/N)

Samples Intact (Y/N)

DATE SIGNED:

Client Name: OSwegd CSD
 Courier: Fed Ex UPS USPS Client Commercial Pace Other

MO#: 70174379
 PM: EMH
 Due Date: 06/02/21
 CLIENT: OCOSD

Tracking #: _____
 Custody Seal on Cooler/Box Present: Yes No
 Seals intact: Yes No
 Thermometer Used: TH091
 Correction Factor: +0.0
 Cooler Temperature Corrected(°C): 20.9
 Temp should be above freezing to 6.0°C
 USDA Regulated Soil (N/A, water sample)

Date and Initials of person examining contents: MTS 5:25:21
 Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, _____
 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.

| | | |
|-----|---|--|
| 1. | Chain of Custody Present: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. | Chain of Custody Filled Out: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. | Chain of Custody Relinquished: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 4. | Sampler Name & Signature on COC: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| 5. | Samples Arrived within Hold Time: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. | Short Hold Time Analysis (<72hr): | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 7. | Rush Turn Around Time Requested: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 8. | Sufficient Volume: (Triple volume provided for): | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 9. | Correct Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 10. | Pace Containers Used: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 11. | Containers Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 12. | Filtered volume received for Dissolved tests | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 13. | Sample labels match COC: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 14. | Includes date/time/ID, Matrix: <u>SI/WT OIL</u> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 15. | Containers needing preservation have been checked? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 16. | pH paper Lot # <u>HCL148594</u> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 17. | All containers needing preservation are found to be in compliance with method recommendation? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 18. | (HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 sulfide, NaOH > 12 Cyanide) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 19. | Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 20. | Per Method, VOA pH is checked after analysis | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 21. | Samples checked for dechlorination: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 22. | KI starch test strips Lot # _____ | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 23. | Residual chlorine strips Lot # _____ | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 24. | SM 4500 CN samples checked for sulfide? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 25. | Lead Acetate Strips Lot # _____ | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 26. | Headspace in VOA Vials (> 6mm): | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 27. | Trip Blank Present: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 28. | Trip Blank Custody Seals Present: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 29. | Pace Trip Blank Lot # (if applicable): | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

Field Data Required? Y N / N
 Date/Time: _____
 Person Contacted: _____
 Comments/Resolution: _____

