

## 2021-2022 Results Summary Lead in Water Results

**School Name: Lowell Elementary School**

| Outlet Code | Sample ID   | Location/Description                                   | Result (ppb) | Above AL? |
|-------------|-------------|--|--------------|-----------|
| 1S          | 44-0520-L01 | Sink inside Kitchen/Cafeteria (Rm 131)                 | 2.46         | No        |
| 2BF         | 44-0520-L02 | WF/Filling Station (filler)                            | ND           | No        |
| 3BB         | 44-0520-L03 | WF/Filling Station (bubbler)                           | ND           | No        |
| 4S          | 44-0520-L04 | Sink inside Teacher's Lounge (Rm 120)                  | ND           | No        |
| 5WF         | 44-0520-L05 | WF outside Rm 115                                      | 19.6         | Yes       |
| 6WF         | 44-0520-L06 | WF next to Rm 101                                      | 2.65         | No        |
| 7WF         | 44-0520-L07 | Water Room next to Rm 201                              | 3.00         | No        |
| 8WF         | 44-0520-L08 | WF next to Rm 212                                      | 6.25         | No        |
| 9BF         | 44-0520-L09 | WF/Filling Station (filler) across from Rm 227         | ND           | No        |
| 10BB        | 44-0520-L10 | WF/Filling Station (bubbler) across from Rm 227        | ND           | No        |
| BLANK       | 44-0502-L11 | Field Blank  | ND           | No        |
| 5WF         | 58-0609-L01 | Retesting WF Bubbler Outside Room 115 - Water fountain | ND           | No        |
| 11BF        | 58-0609-L02 | BF Bubbler Outside Room 115 - Bottle filler            | ND           | No        |
| BLANK       | 58-0609-L03 | DI Blank   | ND           | No        |
|             |             |  |              |           |
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|             |             |  |              |           |

Action Level (AL) ≥15.5 parts per billion (ppb)



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

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Attn:

**Tom Pruno  
Environmental Design, Inc.  
5434 King Avenue  
Suite 101  
Pennsauken, NJ 08109**

5/19/2022

Phone: (856) 616-9516

Fax: (586) 616-9517

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/3/2022. The results are tabulated on the attached data pages for the following client designated project:

**Teaneck Public Schools - Lowell Elementary School / PR-211214-1912**

The reference number for these samples is EMSL Order #012207111. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

---

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.  
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>[EnvChemistry2@emsl.com](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012207111

CustomerID: EDI50

CustomerPO:

ProjectID:

Attn: **Tom Pruno**  
**Environmental Design, Inc.**  
**5434 King Avenue**  
**Suite 101**  
**Pennsauken, NJ 08109**

Phone: (856) 616-9516  
 Fax: (586) 616-9517  
 Received: 5/3/2022 12:50 PM

Project: Teaneck Public Schools - Lowell Elementary School / PR-211214-1912

**Analytical Results**

**Client Sample Description** 44-0520-L01 **Collected:** 5/2/2022 **Lab ID:** 012207111-0001  
 Sink Inside Kitchen/Cafeteria (Rm 131) 12:54:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | 2.46   | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:00   |

**Client Sample Description** 44-0520-L02 **Collected:** 5/2/2022 **Lab ID:** 012207111-0002  
 WF/Filling Station (Filler) 12:58:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | ND     | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:04   |

**Client Sample Description** 44-0520-L03 **Collected:** 5/2/2022 **Lab ID:** 012207111-0003  
 WF/Filling Station (Bubbler) 12:59:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | ND     | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:06   |

**Client Sample Description** 44-0520-L04 **Collected:** 5/2/2022 **Lab ID:** 012207111-0004  
 Sink Inside Teacher's Lounge (Rm 120) 1:00:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | ND     | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:10   |

**Client Sample Description** 44-0520-L05 **Collected:** 5/2/2022 **Lab ID:** 012207111-0005  
 WF Next to Rm 115 1:01:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | 19.6   | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:12   |

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>[EnvChemistry2@emsl.com](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012207111

CustomerID: EDI50

CustomerPO:

ProjectID:

Attn: **Tom Pruno**  
**Environmental Design, Inc.**  
**5434 King Avenue**  
**Suite 101**  
**Pennsauken, NJ 08109**

Phone: (856) 616-9516  
 Fax: (586) 616-9517  
 Received: 5/3/2022 12:50 PM

Project: Teaneck Public Schools - Lowell Elementary School / PR-211214-1912

**Analytical Results**

**Client Sample Description** 44-0520-L06 **Collected:** 5/2/2022 **Lab ID:** 012207111-0006  
 WF Next to Rm 101 1:03:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | 2.65   | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:14   |

**Client Sample Description** 44-0520-L07 **Collected:** 5/2/2022 **Lab ID:** 012207111-0007  
 Water Room Next to Rm 201 1:10:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | 3.00   | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:15   |

**Client Sample Description** 44-0520-L08 **Collected:** 5/2/2022 **Lab ID:** 012207111-0008  
 WF Next to Rm 212 1:11:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | 6.25   | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:17   |

**Client Sample Description** 44-0520-L09 **Collected:** 5/2/2022 **Lab ID:** 012207111-0009  
 WF/Filling Station (Filler) Across From Rm 227 1:13:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | ND     | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:18   |

**Client Sample Description** 44-0520-L10 **Collected:** 5/2/2022 **Lab ID:** 012207111-0010  
 WF/Filling Station (Bubbler) Across From Rm 227 1:14:00 PM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | ND     | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:20   |

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EMSL Order: 012207111

CustomerID: EDI50

CustomerPO:

ProjectID:

Attn: **Tom Pruno**  
**Environmental Design, Inc.**  
**5434 King Avenue**  
**Suite 101**  
**Pennsauken, NJ 08109**

Phone: (856) 616-9516  
 Fax: (586) 616-9517  
 Received: 5/3/2022 12:50 PM

Project: Teaneck Public Schools - Lowell Elementary School / PR-211214-1912

**Analytical Results**

**Client Sample Description** 44-0520-L11 **Collected:** 5/2/2022 **Lab ID:** 012207111-0011  
 Field Blank

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | ND     | 1.00 µg/L | 5/16/2022 VD        | 5/17/2022 VD<br>12:21   |

**Definitions:**

- MDL - method detection limit
- J - Result was below the reporting limit, but at or above the MDL
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
- D - Dilution Sample required a dilution which was used to calculate final results



# Environmental Design Inc.

Professional Environmental Consultants

## Lead (Pb) in Water Sampling Chain of Custody

EMSL Order ID (Lab Use Only): 012207111

|                             |                                    |                               |   |
|-----------------------------|------------------------------------|-------------------------------|---|
| <b>Company:</b>             | Environmental Design Inc. (EDI-50) | <b>EMSL Bill To:</b>          | EDI-50  |
| <b>Street:</b>              | 5434 King Avenue, Suite 101        | <b>Phone:</b>                 | 856-616-9516  |
| <b>City/State/Zip:</b>      | Pennsauken, NJ 08109               | <b>Fax:</b>                   | 856-616-9519  |
| <b>Send Report To:</b>      | Tom Pruno                          | <b>Send Results To:</b>       | <a href="mailto:tp@editesting.com">tp@editesting.com/</a><br><a href="mailto:mh@editesting.com">mh@editesting.com</a> |
| <b>State Samples Taken:</b> | NJ                                 | <b>Turnaround Time (TAT):</b> | 2 Weeks   |

| Matrix  | Method  | Instrument | Reporting Limit       | Preservative   |
|---|---|------------|-----------------------|----------------|
| Drinking Water<br>(Preserved w/HNO <sub>3</sub> pH <2)  | EPA 200.8   | ICP-MS     | 0.001 mg/L (ppm)      | Nitric acid    |
| <b>EDI Client/Site:</b>   | Teaneck Public Schools – Lowell Elementary School |            | <b>EDI Project #:</b> | PR-211214-1912 |
| <b>Special Instructions:</b> ** Please provide Excel Data File as well as Standard Report **  |   |            |                       |                |
| <b>Email Results to:</b> <a href="mailto:tp@editesting.com">tp@editesting.com/</a> <a href="mailto:mh@editesting.com">mh@editesting.com</a> |   |            |                       |                |

| Sample # | Sample Description/Location                                 | Volume | Date/Time Sampled    |
|----------|---|--------|----------------------|
| 1        | 44-0520-L01 Sink inside Kitchen/Cafeteria (Rm 131)          | 250 mL | 5/2/2022<br>12:54 PM |
| 2        | 44-0520-L02 WF/Filling Station (filler)                     | 250 mL | 5/2/2022<br>12:58 PM |
| 3        | 44-0520-L03 WF/Filling Station (bubbler)                    | 250 mL | 5/2/2022<br>12:59 PM |
| 4        | 44-0520-L04 Sink inside Teacher's Lounge (Rm 120)           | 250 mL | 5/2/2022<br>1:00 PM  |
| 5        | 44-0520-L05 WF next to Rm 115                               | 250 mL | 5/2/2022<br>1:01 PM  |
| 6        | 44-0520-L06 WF next to Rm 101                               | 250 mL | 5/2/2022<br>1:03 PM  |
| 7        | 44-0520-L07 Water Room next to Rm 201                       | 250 mL | 5/2/2022<br>1:10 PM  |
| 8        | 44-0520-L08 WF next to Rm 212                               | 250 mL | 5/2/2022<br>1:11 PM  |
| 9        | 44-0520-L09 WF/Filling Station (filler) across from Rm 227  | 250 mL | 5/2/2022<br>1:13 PM  |
| 10       | 44-0520-L10 WF/Filling Station (bubbler) across from Rm 227 | 250 mL | 5/2/2022<br>1:14 PM  |
| 11       | 44-0502-L11 Field Blank                                     | 250 mL |                      |

|   |  |
|---|--|
| <b>Relinquished By:</b> <i>Melanie Hughes</i> | <b>Received By:</b> <i>[Signature]</i> |
| <b>Date:</b> 5/3/22                           | <b>Date:</b> 5/3/22                    |
| <b>Time:</b>                                  | <b>Time:</b> 1250                      |
| <b>Sampler:</b> M. Hughes                     | <b>Total Samples:</b> 11               |
|   | <b>Page:</b> 1 of 1                    |



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*Elegan 5/3/22 12:50 pm*  
*Re. previous, blank report.*  
*HNO3 ADDED 5/3/22 @ 13:25 PL*



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

---

Attn:

**Tom Pruno**  
**Environmental Design, Inc.**  
**5434 King Avenue**  
**Suite 101**  
**Pennsauken, NJ 08109**

6/21/2022

Phone: (856) 616-9516

Fax: (586) 616-9517

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 6/10/2022. The results are tabulated on the attached data pages for the following client designated project:

**Teaneck BOE - Lowell E.S. Re-sampling / Project #: PR-211214-1912**

The reference number for these samples is EMSL Order #012209158. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

---

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.  
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 858-4571

<http://www.EMSL.com>[EnvChemistry2@emsl.com](mailto:EnvChemistry2@emsl.com)

EMSL Order: 012209158

CustomerID: EDI50

CustomerPO:

ProjectID:

Attn: **Tom Pruno**  
**Environmental Design, Inc.**  
**5434 King Avenue**  
**Suite 101**  
**Pennsauken, NJ 08109**

Phone: (856) 616-9516  
 Fax: (586) 616-9517  
 Received: 06/10/22 11:50 AM

Project: **Teaneck BOE - Lowell E.S. Re-sampling / Project #: PR-211214-1912****Analytical Results**

**Client Sample Description** 58-0609-L01 **Collected:** 6/9/2022 **Lab ID:** 012209158-0001  
 WF Bubbler Outside Room 115 6:47:00 AM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | ND     | 1.00 µg/L | 6/20/2022 VD        | 06/20/22 13:14 VD       |

**Client Sample Description** 58-0609-L02 **Collected:** 6/9/2022 **Lab ID:** 012209158-0002  
 BF Bubbler Outside Room 115 6:47:00 AM

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | ND     | 1.00 µg/L | 6/20/2022 VD        | 06/20/22 13:19 VD       |

**Client Sample Description** 58-0609-L03 **Collected:** **Lab ID:** 012209158-0003  
 DI Water Blank

| Method        | Parameter | Result | RL Units  | Prep Date & Analyst | Analysis Date & Analyst |
|---------------|-----------|--------|-----------|---------------------|-------------------------|
| <b>METALS</b> |           |        |           |                     |                         |
| 200.8         | Lead      | ND     | 1.00 µg/L | 6/20/2022 VD        | 06/20/22 13:21 VD       |

**Definitions:**

- MDL - method detection limit
- J - Result was below the reporting limit, but at or above the MDL
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
- D - Dilution Sample required a dilution which was used to calculate final results





# Environmental Design Inc.

Professional Environmental Consultants

## Lead (Pb) in Water Sampling Chain of Custody

EMSL Order ID (Lab Use Only): 012209158

|                             |                                    |                               |  |
|-----------------------------|------------------------------------|-------------------------------|--|
| <b>Company:</b>             | Environmental Design Inc. (EDI-50) | <b>EMSL Bill To:</b>          | EDI-50   |
| <b>Street:</b>              | 5434 King Avenue, Suite 101        | <b>Phone:</b>                 | 856-616-9516   |
| <b>City/State/Zip:</b>      | Pennsauken, NJ 08109               | <b>Fax:</b>                   | 856-616-9519   |
| <b>Send Report To:</b>      | Tom Pruno                          | <b>Send Results To:</b>       | <a href="mailto:tp@editesting.com">tp@editesting.com</a> |
| <b>State Samples Taken:</b> | NJ                                 | <b>Turnaround Time (TAT):</b> | 4 days   |

| Matrix   | Method    | Instrument | Reporting Limit  | Preservative |
|--|-----------|------------|------------------|--------------|
| Drinking Water<br>(Preserved w/HNO <sub>3</sub> pH <2) | EPA 200.8 | ICP-MS     | 0.001 mg/L (ppm) | Nitric acid  |

EDI Client/Site: Teaneck BOE – Lowell E.S. re-sampling EDI Project #: PR-211214-1912

Special Instructions: \*\* Please provide Excel Data File as well as Standard Report \*\*

Special Instructions Email Results to: [tp@editesting.com](mailto:tp@editesting.com) / [mh@editesting.com](mailto:mh@editesting.com)

1  
2  
3

| Sample #    | Sample Description/Location | Volume | Date/Time Sampled |
|-------------|-----------------------------|--------|-------------------|
| 58-0609-LO1 | WF bubbler outside Room 115 | 250 mL | 6/9/22<br>6:47 AM |
| 58-0609-LO2 | BF bubbler outside Room 115 | 250 mL | 6/9/22<br>6:47 AM |
| 58-0609-LO3 | DI water blank              | 250 mL | N/A               |
|             |                             |        |                   |
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|------------------------------------|-------|---------------------------|----------------|
| Relinquished By: <i>T. Mulhern</i> |       | Received By: <i>Elyse</i> |                |
| Date: 6/10/2022                    | Time: | Date: 6/10/22             | Time: 11:50 AM |
| Sampler(s): T. Mulhern             |       | Total Samples: 7          | Page: 1 of 1   |



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*Rec. per email WI  
Blank - HNO3 ADDED 6/10 @ 14:25 EW*