

**EMSL Analytical, Inc.**

200 Route 130, Cinnaminson, NJ, 08077  
 Telephone: 856-858-4800 Fax:856-786-5974  
 EMSL-CIN-01

**EMSL Order ID:** 012357379  
**LIMS Reference ID:** AB57379  
**EMSL Customer ID:** SMCG99

**Attention:** Sean S. Smith Sr.  
 Smithco Engineering Group [SMCG99]  
 808 Market St  
 Camden, NJ 08102  
 (856) 365-9111

**Project Name:** CCSD LIW Sampling-Morgan Village Middle School  
**Customer PO:**  
**EMSL Sales Rep:** Josh Silverman  
**Received:** 06/15/2023 09:00  
**Reported:** 06/23/2023 17:46

**Analytical Results**

| Analyte | Result | Q | DF | RL | Units | Prepared Date/Time | Analyzed Date/Time | Analyst Initials | Prep /Analytical Method |
|---------|--------|---|----|----|-------|--------------------|--------------------|------------------|-------------------------|
|---------|--------|---|----|----|-------|--------------------|--------------------|------------------|-------------------------|

Sample: SMCO/Morgan-1-Kitchen Dish Wash Sink-1s Lims Reference ID: AB57379-01 Matrix: Drinking Water Sampled: 06/15/23 05:07:00

**Metals**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 14:54 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

Sample: SMCO/Morgan-2-Kitchen Dish Wash Sink-2n Lims Reference ID: AB57379-02 Matrix: Drinking Water Sampled: 06/15/23 05:08:00

**Metals**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 14:59 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

Sample: SMCO/Morgan-3-Kitchen Hand Sink-1st Draw Lims Reference ID: AB57379-03 Matrix: Drinking Water Sampled: 06/15/23 05:13:00

**Metals**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 15:01 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

Sample: SMCO/Morgan-4-Kitchen Hand Sink-2nd Dra Lims Reference ID: AB57379-04 Matrix: Drinking Water Sampled: 06/15/23 05:14:00

**Metals**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 15:02 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

Sample: SMCO/Morgan-5-Nurses Office Sink-1st Draw Lims Reference ID: AB57379-05 Matrix: Drinking Water Sampled: 06/15/23 05:19:00

**Metals**

|      |      |  |   |      |      |                |                |    |           |
|------|------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | 1.30 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 15:04 | AS | EPA 200.8 |
|------|------|--|---|------|------|----------------|----------------|----|-----------|

Sample: SMCO/Morgan-6-Nursed Office Sink-2nd Dra Lims Reference ID: AB57379-06 Matrix: Drinking Water Sampled: 06/15/23 05:20:00

**Metals**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 15:09 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

Sample: SMCO/Morgan-7-Girls Bathroom Main Lobby Lims Reference ID: AB57379-07 Matrix: Drinking Water Sampled: 06/15/23 05:23:00

**Metals**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 15:11 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

Sample: SMCO/Morgan-8-Girls Bathroom Main Lobby Lims Reference ID: AB57379-08 Matrix: Drinking Water Sampled: 06/15/23 05:24:00

**Metals**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 15:13 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

Sample: SMCO/Morgan-9-Boys Bathroom Main Lobby Lims Reference ID: AB57379-09 Matrix: Drinking Water Sampled: 06/15/23 05:25:00

**Metals**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 15:14 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

Sample: SMCO/Morgan-10-Boys Bathroom Main Lobb Lims Reference ID: AB57379-10 Matrix: Drinking Water Sampled: 06/15/23 05:26:00

**Metals**

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### Analytical Results (Continued)

| Analyte | Result | Q | DF | RL | Units | Prepared<br>Date/Time | Analyzed<br>Date/Time | Analyst<br>Initials | Prep /Analytical<br>Method |
|---------|--------|---|----|----|-------|-----------------------|-----------------------|---------------------|----------------------------|
|---------|--------|---|----|----|-------|-----------------------|-----------------------|---------------------|----------------------------|

**Sample:** SMCO/Morgan-10-Boys Bathroom Main Lobb      **Lims Reference ID:** AB57379-10      **Matrix:** Drinking Water      **Sampled:** 06/15/23 05:26:00

**Metals (Continued)**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 15:16 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

**Sample:** 11-Water purifier in cafe      **Lims Reference ID:** AB57379-11      **Matrix:** Drinking Water      **Sampled:** 06/15/23 05:16:00

**Metals**

|      |       |  |   |      |      |                |                |    |           |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|
| Lead | <1.00 |  | 1 | 1.00 | µg/L | 06/20/23 15:00 | 06/21/23 15:18 | AS | EPA 200.8 |
|------|-------|--|---|------|------|----------------|----------------|----|-----------|

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**Certified Analyses included in this Report**

| Analyte                            | CAS #     | Certifications |
|------------------------------------|-----------|----------------|
| <b>EPA 200.8 in Drinking Water</b> |           |                |
| Lead                               | 7439-92-1 | NJDEP          |

**List of Certifications**

| Code            | Description  | Number   | Expires    |
|-----------------|--|----------|------------|
| MADEP           | Massachusetts Department of Environmental Protection                 | M-NJ337  | 06/30/2023 |
| California ELAP | California Water Boards  | 1877     | 06/30/2024 |
| A2LA            | A2LA Environmental Certificate                                       | 2845.01  | 07/31/2024 |
| AIHA LAP        | EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-ELLAP Accredited | 100194   | 01/01/2025 |
| NJDEP           | New Jersey Department of Environmental Protection                    | 03036    | 06/30/2023 |
| PADEP           | Pennsylvania Department of Environmental Protection                  | 68-00367 | 11/30/2023 |
| NYSDOH          | New York State Department of Health                                  | 10872    | 04/01/2024 |
| CTDPH           | Connecticut Department of Public Health                              | PH-0270  | 06/23/2023 |

Please see the specific Field of Testing (FOT) on [www.emsl.com](http://www.emsl.com) for a complete listing of parameters for which EMSL is certified.



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**Notes and Definitions**

| <b>Item</b> | <b>Definition</b>   |
|-------------|---|
| [2C]        | Reported from the second channel in dual column analysis. |
| DF          | Dilution Factor   |
| MDL         | Method Detection Limit.                                   |
| ND          | Analyte was NOT DETECTED at or above the detection limit. |
| Q           | Qualifier   |
| RL          | Reporting Limit   |

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

Owen McKenna Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted."



# Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.  
200 Route 130 North  
Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

EMSL ANALYTICAL, INC.  
TESTING LABS • PRODUCTS • TRAINING

AB57379

|  |   |                     |                            |
|--|---|---------------------|----------------------------|
| Customer Information                         | Customer ID: SMCG99                             | Billing Information | Billing ID: SAME           |
|  | Company Name: SMITHCO ENGINEERING GROUP, INC.   |                     | Company Name:              |
|  | Contact Name: Sean S. Smith, Sr.                |                     | Billing Contact:           |
|  | Street Address: 808 Market Street, Suite 336    |                     | Street Address:            |
|  | City, State, Zip: Camden, NJ 08102 Country: USA |                     | City, State, Zip: Country: |
|  | Phone: 609-682-0096                             |                     | Phone:                     |
| Email(s) for Report: ssmith@smithcogroup.com | Email(s) for Invoice:                           |                     |                            |

|  |                                      |
|--|--------------------------------------|
| Project Information  |                                      |
| Project Name/No: CCSD LIW Sampling - Morgan Village Middle School                                      | Purchase Order:                      |
| EMSL LIMS Project ID: (If applicable, EMSL will provide)   | US State where samples collected: NJ |
| State of Connecticut (CT) must select project location: Commercial (Taxable) Residential (Non-Taxable) |                                      |
| Sampled By Name: Sean Smith, Jr./Anthony Ali   | Sampled By Signature:                |
|  | No. of Samples in Shipment           |

Turn-Around-Time (TAT)

3 Hour  
 6 Hour  
 24 Hour  
 32 Hour  
 48 Hour  
 72 Hour  
 96 Hour  
 1 Week  
 2 Week

Please call ahead for large projects and/or turnaround times 6 Hours or Less. \*32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

| MATRIX   | METHOD                         | INSTRUMENT              | REPORTING LIMIT  | SELECTION                           |
|--|--------------------------------|-------------------------|------------------|-------------------------------------|
| CHIPS <input type="checkbox"/> % by wt. <input type="checkbox"/> ppm (mg/kg) <input type="checkbox"/> mg/cm <sup>2</sup><br>*Reporting Limit based on a minimum 0.25g sample weight.<br>**Not appropriate for Ceramic Tiles - XRF is recommended | SW 846-7000B                   | Flame Atomic Absorption | 0.008% (80ppm)   | <input type="checkbox"/>            |
|  | SW 846-6010D*                  | ICP-OES                 | 0.0004% (4ppm)   | <input type="checkbox"/>            |
|  | NIOSH 7082                     | Flame Atomic Absorption | 4µg/filter       | <input type="checkbox"/>            |
| AIR  | NIOSH 7300M / NIOSH 7303M      | ICP-OES                 | 0.5µg/filter     | <input type="checkbox"/>            |
|  | NIOSH 7300M / NIOSH 7303M      | ICP-MS                  | 0.05µg/filter    | <input type="checkbox"/>            |
| WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM<br>*If no box is checked, non-ASTM Wipe is assumed  | SW 846-7000B                   | Flame Atomic Absorption | 10µg/wipe        | <input type="checkbox"/>            |
|  | SW 846-6010D*                  | ICP-OES                 | 1.0µg/wipe       | <input type="checkbox"/>            |
| TCLP   | SW 846-1311 / 7000B / SM 3111B | Flame Atomic Absorption | 0.4 mg/L (ppm)   | <input type="checkbox"/>            |
|  | SW 846-1311 / SW 846-6010D*    | ICP-OES                 | 0.1 mg/L (ppm)   | <input type="checkbox"/>            |
| SPLP   | SW 846-1312 / 7000B / SM 3111B | Flame Atomic Absorption | 0.4 mg/L (ppm)   | <input type="checkbox"/>            |
|  | SW 846-1312 / SW 846-6010D*    | ICP-OES                 | 0.1 mg/L (ppm)   | <input type="checkbox"/>            |
| TTLIC  | 22 CCR App. II, 7000B          | Flame Atomic Absorption | 40mg/kg (ppm)    | <input type="checkbox"/>            |
|  | 22 CCR App. II, SW 846-6010D*  | ICP-OES                 | 2mg/kg (ppm)     | <input type="checkbox"/>            |
| STLC   | 22 CCR App. II, 7000B          | Flame Atomic Absorption | 0.4 mg/L (ppm)   | <input type="checkbox"/>            |
|  | 22 CCR App. II, SW 846-6010D*  | ICP-OES                 | 0.1 mg/L (ppm)   | <input type="checkbox"/>            |
| Soil   | SW 846-7000B                   | Flame Atomic Absorption | 40mg/kg (ppm)    | <input type="checkbox"/>            |
|  | SW 846-6010D*                  | ICP-OES                 | 2mg/kg (ppm)     | <input type="checkbox"/>            |
| Wastewater   | SM 3111B / SW 846-7000B        | Flame Atomic Absorption | 0.4 mg/L (ppm)   | <input type="checkbox"/>            |
| Unpreserved  |                                |                         |                  | <input type="checkbox"/>            |
| Preserved with HNO <sub>3</sub> <input type="checkbox"/> PH<2  | EPA 200.7                      | ICP-OES                 | 0.020 mg/L (ppm) | <input type="checkbox"/>            |
| Drinking Water   | EPA 200.5                      | ICP-OES                 | 0.003 mg/L (ppm) | <input type="checkbox"/>            |
| Unpreserved  |                                |                         |                  | <input type="checkbox"/>            |
| Preserved with HNO <sub>3</sub> <input checked="" type="checkbox"/> PH<2   | EPA 200.8                      | ICP-MS                  | 0.001 mg/L (ppm) | <input checked="" type="checkbox"/> |
| TSP/SPM Filter   | 40 CFR Part 50                 | ICP-OES                 | 12 µg/filter     | <input type="checkbox"/>            |
| Other:   |                                |                         |                  | <input type="checkbox"/>            |

| Sample Number | Sample Location | Volume / Area                    | Date / Time Sampled |              |
|---------------|-----------------|----------------------------------|---------------------|--------------|
| 1             | SMCO/Morgan -1  | Kitchen Dish Wash Sink -1st Draw | 250 mL              | 6/15/23 5:07 |
| 2             | SMCO/Morgan -2  | Kitchen Dish Wash Sink -2nd Draw | 250 mL              | 6/15/23 5:08 |
| 3             | SMCO/Morgan -3  | Kitchen Hand Sink -1st Draw      | 250 mL              | 6/15/23 5:13 |
| 4             | SMCO/Morgan -4  | Kitchen Hand Sink- 2nd Draw      | 250 mL              | 6/15/23 5:14 |
| 5             | SMCO/Morgan -5  | Nurse Office Sink - 1st Draw     | 250 mL              | 6/15/23 5:19 |

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Method of Shipment:                 | Sample Condition Upon Receipt:     |
| Relinquished by: <i>[Signature]</i> | Received by: <i>[Signature]</i> DB |
| Date/Time: 6/15/23                  | Date/Time: 6/15/23 9 <sup>00</sup> |
| Relinquished by:                    | Received by: <i>[Signature]</i>    |
| Date/Time:                          | Date/Time: 6/15/23 9 <sup>00</sup> |

Controlled Document - COC-25 Lead R17 05/09/2022

\*6010C Available Upon Request

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

Page 1 of 2

