

**EMSL Analytical, Inc.**

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

**EMSL Order ID:** 012357301  
**LIMS Reference ID:** AB57301  
**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-Dudley Family School  
**Customer PO:**  
**EMSL Sales Rep:** Josh Silverman  
**Received:** 06/14/2023 09:00  
**Reported:** 06/23/2023 17:43

**Analytical Results**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
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Sample: SMCO/Dudley-1-Kitchen Dish Sink-1st Draw      Lims Reference ID: AB57301-01 Matrix: Drinking Water      Sampled: 06/14/23 06:12:00

**Metals**

Lead	1.67		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:27	AS	EPA 200.8
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Sample: SMCO/Dudley-2-Kitchen Dish Sink-2nd Draw      Lims Reference ID: AB57301-02 Matrix: Drinking Water      Sampled: 06/14/23 06:13:00

**Metals**

Lead	1.79		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:32	AS	EPA 200.8
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Sample: SMCO/Dudley-3-Kitchen Hand Sink-1st Draw      Lims Reference ID: AB57301-03 Matrix: Drinking Water      Sampled: 06/14/23 06:16:00

**Metals**

Lead	<1.00		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:34	AS	EPA 200.8
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Sample: SMCO/Dudley-4-Kitchen Hand Sink-2nd Draw      Lims Reference ID: AB57301-04 Matrix: Drinking Water      Sampled: 06/14/23 06:17:00

**Metals**

Lead	<1.00		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:36	AS	EPA 200.8
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Sample: SMCO/Dudley-5-Boys Bathroom Across from      Lims Reference ID: AB57301-05 Matrix: Drinking Water      Sampled: 06/14/23 06:19:00

**Metals**

Lead	<1.00		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:37	AS	EPA 200.8
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Sample: SMCO/Dudley-6-Boys Bathroom Across from      Lims Reference ID: AB57301-06 Matrix: Drinking Water      Sampled: 06/14/23 06:20:00

**Metals**

Lead	<1.00		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:44	AS	EPA 200.8
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Sample: SMCO/Dudley-7-Girls Bathroom Across from      Lims Reference ID: AB57301-07 Matrix: Drinking Water      Sampled: 06/14/23 06:23:00

**Metals**

Lead	2.53		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:46	AS	EPA 200.8
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Sample: SMCO/Dudley-8-Girls bathroom Across from      Lims Reference ID: AB57301-08 Matrix: Drinking Water      Sampled: 06/14/23 06:24:00

**Metals**

Lead	<1.00		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:48	AS	EPA 200.8
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Sample: SMCO/Dudley-9-Nurse Sink-1st Draw      Lims Reference ID: AB57301-09 Matrix: Drinking Water      Sampled: 06/14/23 06:27:00

**Metals**

Lead	3.48		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:49	AS	EPA 200.8
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Sample: SMCO/Dudley-10-Nurse Sink-2nd Draw      Lims Reference ID: AB57301-10 Matrix: Drinking Water      Sampled: 06/14/23 06:28:00

**Metals**



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**Analytical Results**  
**(Continued)**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
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Sample: SMCO/Dudley-10-Nurse Sink-2nd Draw (Con) Lims Reference ID: AB57301-10 Matrix: Drinking Water Sampled: 06/14/23 06:28:00

**Metals (Continued)**

Lead	<1.00		1	1.00	µg/L	06/19/23 16:30	06/21/23 11:51	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) <<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

AB57301

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 Name/No: CCSD LIW Sampling - Dudley Family 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) <input type="checkbox"/> Residential (Non-Taxable) <input type="checkbox"/>
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> *Reporting Limit based on a minimum 0.25g sample weight. **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 *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"/>
TTLC	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 Unpreserved <input type="checkbox"/> Preserved with HNO3 <input type="checkbox"/> PH<2	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO3 <input checked="" type="checkbox"/> PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	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/Dudley -1	Kitchen Dish Sink -1st Draw	250 mL	6/14/23 6:15
2	SMCO/Dudley-2	Kitchen Dish Sink -2nd Draw	250 mL	6/14/23 6:13
3	SMCO/Dudley -3	Kitchen Hand Sink -1st Draw FTS	250 mL	6/14/23 6:16
4	SMCO/Dudley -4	Kitchen Hand Sink- 2nd Draw	250 mL	6/14/23 6:17
5	SMCO/Dudley -5	Boys Bathroom Across from Gym -1st Draw	250 mL	6/14/23 6:19

Method of Shipment:	Sample Condition Upon Receipt:
Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>
Date/Time:	Date/Time: 6/14/23 9 <sup>00</sup>
Relinquished by:	Received by: <i>[Signature]</i>
Date/Time:	Date/Time: 6/14/23 9 <sup>00</sup>





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1057301

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
6 SMCO/Dudley -6	Boys Bathroom Across from Gym-2nd Draw	250 mL	6/14/23 6:20
7 SMCO/Dudley -7	Girls Bathroom Across from Gym-1st Draw	250 mL	6/14/23 6:23
8 SMCO/Dudley -8	Girls Bathroom Across from Gym-2nd Draw	250 mL	6/14/23 6:24
9 SMCO/Dudley -9	Nurse Sink - 1st Draw	250 mL	6/14/23 6:27
10 SMCO/Dudley-10	Nurse Sink - 2nd Draw	250 mL	6/14/23 6:28

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time
Relinquished by:	Date/Time:	Received by:	Date/Time

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

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.