

**EMSL Analytical, Inc.**

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

**EMSL Order ID:** 012357318**LIMS Reference ID:** AB57318**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 - Coopers Poynt  
**Customer PO:**  
**EMSL Sales Rep:** Josh Silverman  
**Received:** 06/20/2023 09:00  
**Reported:** 06/27/2023 17:05

**Analytical Results**

Analyte	Result	Q	DF	RL	Units	Prepared Date/Time	Analyzed Date/Time	Analyst Initials	Prep /Analytical Method
<b>Sample: SMCO/Coopers-1-Kitchen Dish Sink-1st Draw      Lims Reference ID: AB57318-01      Matrix: Drinking Water      Sampled: 06/13/23 05:10:00</b>									
<b>Metals</b>									
Lead	<1.00		1	1.00	µg/L	06/21/23 13:27	06/23/23 17:00	AS	EPA 200.8
<b>Sample: SMCO/Coopers-2-Kitchen Dish Sink-2nd Dra      Lims Reference ID: AB57318-02      Matrix: Drinking Water      Sampled: 06/13/23 05:15:00</b>									
<b>Metals</b>									
Lead	<1.00		1	1.00	µg/L	06/21/23 13:27	06/23/23 17:08	AS	EPA 200.8
<b>Sample: SMCO/Coopers-3-Kitchen Hand Sink-1st Dra      Lims Reference ID: AB57318-03      Matrix: Drinking Water      Sampled: 06/13/23 05:20:00</b>									
<b>Metals</b>									
Lead	3.42		1	1.00	µg/L	06/21/23 13:27	06/23/23 17:10	AS	EPA 200.8
<b>Sample: SMCO/Coopers-4-Kitchen Hand Sink-2nd Dra      Lims Reference ID: AB57318-04      Matrix: Drinking Water      Sampled: 06/13/23 05:24:00</b>									
<b>Metals</b>									
Lead	<1.00		1	1.00	µg/L	06/21/23 13:27	06/23/23 17:12	AS	EPA 200.8
<b>Sample: SMCO/Coopers-5-Nurse Sink-1st Draw      Lims Reference ID: AB57318-05      Matrix: Drinking Water      Sampled: 06/13/23 05:27:00</b>									
<b>Metals</b>									
Lead	<1.00		1	1.00	µg/L	06/21/23 13:27	06/23/23 17:13	AS	EPA 200.8
<b>Sample: SMCO/Coopers-6-Nurse Sink-2nd Draw      Lims Reference ID: AB57318-06      Matrix: Drinking Water      Sampled: 06/13/23 05:31:00</b>									
<b>Metals</b>									
Lead	<1.00		1	1.00	µg/L	06/21/23 13:27	06/23/23 17:15	AS	EPA 200.8
<b>Sample: SMCO/Coopers-7-Kitchen Dish 1      Lims Reference ID: AB57318-07      Matrix: Drinking Water      Sampled: 06/13/23 05:35:00</b>									
<b>Metals</b>									
Lead	<1.00		1	1.00	µg/L	06/21/23 13:27	06/23/23 17:17	AS	EPA 200.8
<b>Sample: SMCO/Coopers-8-Kitchen Dish 2      Lims Reference ID: AB57318-08      Matrix: Drinking Water      Sampled: 06/13/23 05:40:00</b>									
<b>Metals</b>									
Lead	<1.00		1	1.00	µg/L	06/21/23 13:27	06/23/23 17:18	AS	EPA 200.8
<b>Sample: SMCO/Coopers-9-Kitchen Hand 1      Lims Reference ID: AB57318-09      Matrix: Drinking Water      Sampled: 06/13/23 05:42:00</b>									
<b>Metals</b>									
Lead	<1.00		1	1.00	µg/L	06/21/23 13:27	06/23/23 17:20	AS	EPA 200.8
<b>Sample: SMCO/Coopers-10-Kitchen Hand 2      Lims Reference ID: AB57318-10      Matrix: Drinking Water      Sampled: 06/13/23 05:47:00</b>									
<b>Metals</b>									

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Smithco Engineering Group [SMCG99]

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Camden, NJ 08102

(856) 365-9111

**Project Name:**

CCSD LIW Sampling - Coopers Poynt

**Customer PO:****EMSL Sales Rep:**

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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/Coopers-10-Kitchen Hand 2 (Continu**Lims Reference ID:** AB57318-10 **Matrix:** Drinking Water**Sampled:** 06/13/23 05:47:00**Metals (Continued)**

Lead	<1.00	1	1.00	µg/L	06/21/23 13:27	06/23/23 17:22	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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**Project Name:**

CCSD LIW Sampling - Coopers Poynt

**Customer PO:****EMSL Sales Rep:**

Josh Silverman

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**Notes and Definitions**

Item	Definition
[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."



EMSL ANALYTICAL, INC.  
TESTING LABS • PRODUCTS • TRAINING

## 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

AB51318

Customer Information	Customer ID	SMCG99	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	City, State, Zip	
	Country	USA	Country	
Phone	609-682-0096	Phone		
Email(s) for Report	ssmith@smithcogroup.com	Email(s) for Invoice		

Project Name/No		CCSD LIW Sampling - Cooper's Poynt		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	
Sampled By Name	Sean Smith, Jr./Anthony Ali	Sampled By Signature		Commercial (Taxable)	<input type="checkbox"/>
				Residential (Non-Taxable)	<input type="checkbox"/>
				No. of Samples in Shipment	

Turn-Around-Time (TAT)					
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 32 Hour	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour
<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week			

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"/>
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 Unpreserved <input type="checkbox"/> Preserved with HNO <sub>3</sub> <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 HNO <sub>3</sub> <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 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
SMCO/Cooper's -1	Kitchen Dish Sink -1st Draw	250 mL	6-13-23 5:10AM
SMCO/Cooper's -2	Kitchen Dish Sink -2nd Draw	250 mL	6-13-23 5:15AM
SMCO/Cooper's-3	Kitchen Hand Sink -1st Draw	250 mL	6-13-23 5:20AM
SMCO/Cooper's -4	Kitchen Hand Sink -2nd Draw	250 mL	6-13-23 5:24AM
SMCO/Cooper's -5	Nurse Sink - 1st Draw	250 mL	6-13-23 5:27AM

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

\*8010C 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.

100%

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EMAIL: CinnaminsonLeadLab@emsl.com

ATB 57318

**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.)

[illegible]

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

7

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EMAIL: CinnaminsonLeadLab@emsl.com

AB51318

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		City, State, Zip	
	Country	USA		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 - Cooper's Poynt
EMSL LIMS Project ID	
US State where samples collected	NJ
Purchase Order	
State of Connecticut (CT) must select project location	
Commercial (Taxable)	<input type="checkbox"/> Residential (Non-Taxable)

Sampled By Name	Sean Smith, Jr./Anthony Ali	Sampled By Signature	
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Turn-Around-Time (TAT)	
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour
<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 32 Hour
<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour
<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week
<input type="checkbox"/> 2 Week	

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>	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
*Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D*	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
*Not appropriate for Ceramic Tiles - RAS is recommended	NIOSH 7082	Flame Atomic Absorption	4µg/liter	<input type="checkbox"/>
AIR	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/liter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/liter	<input type="checkbox"/>
WIPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
*If no box is checked, non-ASTM Wipe is assumed	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	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Unpreserved	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO <sub>3</sub>	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
Unpreserved	40 CFR Part 50	ICP-OES	12 µg/liter	<input type="checkbox"/>
Preserved with HNO <sub>3</sub>				<input type="checkbox"/>
TSP/SPM Filter				<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
SMCO/Cooper's -1	Kitchen Dish Sink -1st Draw	250 mL	6-13-23 5:10am
SMCO/Cooper's -2	Kitchen Dish Sink -2nd Draw	250 mL	6-13-23 5:15am
SMCO/Cooper's -3	Kitchen Hand Sink -1st Draw	250 mL	6-13-23 5:20am
SMCO/Cooper's -4	Kitchen Hand Sink -2nd Draw	250 mL	6-13-23 5:24am
SMCO/Cooper's -5	Nurse Sink - 1st Draw	250 mL	6-13-23 5:27am

Method of Shipment	Sample Condition Upon Receipt
Received by <i>[Signature]</i>	Received by <i>[Signature]</i>
Date/Time	Date/Time
6/13/23	6/14/23 9 <sup>am</sup>
	6/14/23 9 <sup>am</sup>

Controlled Document - LCO-25 Lead - 11/25/2022

\*8010C Available Upon Request

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Page 1 of 2





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EMAIL: [CinnaminsonLeadLab@gmail.com](mailto:CinnaminsonLeadLab@gmail.com)

APB 57318

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Controlled Document - CQC-25 - Issued 417 25 09 2022

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