

**EMSL Analytical, Inc.**

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

EMSL Order ID: 012357216
LIMS Reference ID: AB57216
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 - RT Cream
Customer PO:
EMSL Sales Rep: Josh Silverman
Received: 06/13/2023 09:00
Reported: 06/23/2023 17:41

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/Cream-1-Kitchen Sink-1st Draw Lims Reference ID: AB57216-01 Matrix: Drinking Water Sampled: 06/12/23 06:20:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 10:49	AS	EPA 200.8
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Sample: SMCO/Cream-2-Kitchen Sink-2nd Draw Lims Reference ID: AB57216-02 Matrix: Drinking Water Sampled: 06/12/23 06:21:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 10:54	AS	EPA 200.8
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Sample: SMCO/Cream-3-Kitchen Hand Sink-1st Draw Lims Reference ID: AB57216-03 Matrix: Drinking Water Sampled: 06/12/23 06:27:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 10:56	AS	EPA 200.8
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Sample: SMCO/Cream-4-Kitchen Hand Sink-2nd Draw Lims Reference ID: AB57216-04 Matrix: Drinking Water Sampled: 06/12/23 06:28:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 10:58	AS	EPA 200.8
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Sample: SMCO/Cream-5-Nurse Office-1st Draw Lims Reference ID: AB57216-05 Matrix: Drinking Water Sampled: 06/12/23 06:32:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 11:00	AS	EPA 200.8
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Sample: SMCO/Cream-6-Nurse Office-2nd Draw Lims Reference ID: AB57216-06 Matrix: Drinking Water Sampled: 06/12/23 06:33:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 11:05	AS	EPA 200.8
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Sample: SMCO/Cream7-Teacher Lounge-1st Draw Lims Reference ID: AB57216-07 Matrix: Drinking Water Sampled: 06/12/23 06:42:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 11:06	AS	EPA 200.8
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Sample: SMCO/Cream 8-Teacher Lounge-2nd Draw Lims Reference ID: AB57216-08 Matrix: Drinking Water Sampled: 06/12/23 06:43:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 11:08	AS	EPA 200.8
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Sample: SMCO/Cream-9-Storage 110 1st Flr-1st Draw Lims Reference ID: AB57216-09 Matrix: Drinking Water Sampled: 06/12/23 06:37:00

Metals

Lead	1.51		1	1.00	µg/L	06/15/23 16:58	06/16/23 11:10	AS	EPA 200.8
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Sample: SMCO/Cream-10-Storage 110 1st Flr-2nd Dra Lims Reference ID: AB57216-10 Matrix: Drinking Water Sampled: 06/12/23 06:38:00

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/Cream-10-Storage 110 1st Flr-2nd Dra Lims Reference ID: AB57216-10 Matrix: Drinking Water Sampled: 06/12/23 06:38:00

Metals (Continued)

Lead	5.71		1	1.00	µg/L	06/15/23 16:58	06/16/23 11:11	AS	EPA 200.8
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Sample: 11-Water Purifier Lims Reference ID: AB57216-11 Matrix: Drinking Water Sampled: 06/12/23 06:25:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 11:13	AS	EPA 200.8
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Sample: 12-Water Purifier-2nd Draft Lims Reference ID: AB57216-12 Matrix: Drinking Water Sampled: 06/12/23 06:26:00

Metals

Lead	<1.00		1	1.00	µg/L	06/15/23 16:58	06/16/23 11:18	AS	EPA 200.8
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Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 200.8 in Drinking Water		
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 for a complete listing of parameters for which EMSL is certified.



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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."



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

AB57216

Customer Information	Customer ID: SMCG99	Billing Information	Billing ID:
	Company Name: SmithCo Engineering Group, Inc.		Company Name: SAME
	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 - RT Cream	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:	
		<input type="checkbox"/> Commercial (Taxable)	<input type="checkbox"/> Residential (Non-Taxable)
Sampled By Name: Sean S. Smith, Jr.	Sampled By Signature:	No. of Samples in Shipment	10

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 ² *Reporting Limit based on a minimum of 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"/>
				<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	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	Unpreserved <input type="checkbox"/> PH<2	EPA 200.7	ICP-OES	0.020 mg/L (ppm)
Drinking Water	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
	Unpreserved <input type="checkbox"/> PH<2	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
Preserved with HNO3 <input checked="" type="checkbox"/> PH<2				<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/Cream-1	Kitchen Sink - 1st Draw	250 mL	6/12/23 6:20
SMCO/Cream-2	Kitchen Sink - 2nd Draw	250 mL	6/12/23 6:21
SMCO/Cream-3	Kitchen Hand Sink - 1st Draw	250 mL	6/12/23 6:27
SMCO/Cream-4	Kitchen Hand Sink - 2nd Draw	250 mL	6/12/23 6:28
SMCO/Cream-5	Nurse Office - 1st Draw	250 mL	6/12/23 6:32

Method of Shipment:	Sample Condition Upon Receipt:
Relinquished by:	Received by:
Date/Time:	Date/Time: 6/13/23 9:00
Relinquished by:	Received by:
Date/Time:	Date/Time: 6/13/23 9:00



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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.)

Table with 4 columns: Sample Number, Sample Location, Volume / Area, Date / Time Sampled. Contains handwritten entries for samples SMCO/Cream-6 through 10, and 11, 12 with locations like Nurse Office, Teacher Lounge, and Storage 110.

Method of Shipment, Sample Condition Upon Receipt, 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.