



LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR: Kevin Franchetta
CTC Academy, Inc.
29-01 Berkshire Road
Fairlawn, NJ 07410-1039

SITE INVESTIGATED: CTC Academy
125 Bauer Drive
Oakland, NJ 07436

ASSESSMENT BY: Kyle Brown
Omega Environmental Services, Inc.
280 Huyler Street
South Hackensack, NJ 07606

**INVESTIGATION
CONDUCTED:** 3/3/17

DATE OF REPORT: 3/16/17

(Omega Project # 17-27008B)

TABLE OF CONTENTS

EXECUTIVE SUMMARY/PROJECT OVERVIEW

- 1. RESULTS TABLE**
- 2. SAMPLING METHODOLOGY**
- 3. DISCUSSION OF RESULTS**
- 4. RECOMMENDATIONS**

Appendices:

A. Laboratory Analytical Reports

EXECUTIVE SUMMARY:

The CTC Academy, Inc. requested lead in water testing of potable water outlets at CTC Academy, 125 Bauer Drive, Oakland, NJ 07436.

Previous Testing

No information related to previous testing was available.

Recent Testing (3/3/17)

In order to assess the building water outlets a full testing of all potable outlets was performed on March 3, 2017.

Reportedly the outlets were not flushed or used on the day of testing.

First draw samples were collected of 25 water fountains and sinks.

All results were below the Lead and Copper action level of 15 ppb.

See Section 3 Discussion of Results

1 RESULTS TABLE:

Sample #	Location	1st draw (FD)	Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
1	Room 116	FD	1.55	15
2	Room 116	FD	ND	15
3	Staff Lounge (114)	FD	ND	15
4	Room 201	FD	4.15	15
5	Room 202	FD	3.81	15
6	Room 203	FD	1.01	15
7	Room 204	FD	4.52	15
8	Room 205	FD	ND	15
9	Room 206	FD	ND	15
10	Room 207	FD	ND	15
11	Room 208	FD	ND	15
12	Room 209	FD	ND	15
13	Room 210	FD	1.87	15
14	Room 211	FD	1.42	15
15	Room 212	FD	ND	15
16	Room 213	FD	1.07	15
17	Room 214	FD	1.93	15
18	Room 412	FD	2.12	15
19	Room 312	FD	1.65	15
20	Nurse Office 411	FD	1.81	15
21	Nurse Office 411	FD	ND	15
22	Room 405	FD	ND	15
23	Room 404	FD	1.20	15
24	Speech Rm	FD	6.91	15
25	Speech Rm	FD	2.13	15
26	Blank	FD	ND	15

⁽¹⁾ EPA Lead in Copper Rule (1991) Action Level for water suppliers (municipalities and private wells) and March 2016 Newark Public Schools Lead Water Testing Sampling Plan.

FD – First Draw Sample

ND – None Detected

NA – Not Analyzed

2 SAMPLING METHODOLOGY:

First Draw Samples - Without allowing any water to spill until sample collection, samples were collected with a relatively slow flow rate in 250 mL bottles prepared with Nitric Acid (HNO₃) as a preservative.

The samples were packaged in a cooler and shipped to Pace Analytical, Melville, NY for total lead in potable water analysis (method E200.8 IOC).

3 DISCUSSION OF RESULTS:

All lead in water results were below the EPA Lead and Copper action level of 15 ppb. No analysis was performed for copper in water.

4 RECOMMENDATIONS:

Short term:

- No further action is recommended in regards to outlet testing.

Long Term:

- Repeat full building testing on an annual basis. Generally this should be performed in August prior to the start of the school season.
- Develop a Lead in Water Management Plan in accordance with the 2006 EPA 3Ts for Reducing Lead in Drinking Water in Schools.

A. Lead in Water Laboratory Reports



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

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

Attn:

Michael Levay
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

3/10/2017

Phone: (201) 489-8700
Fax: (201) 489-8797

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 3/6/2017. The results are tabulated on the attached data pages for the following client designated project:

CTC (Oakland) 17-27008B

The reference number for these samples is EMSL Order #011701714. 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:

Phillip Worby, Environmental 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

EMSL Order: 011701714

CustomerID: OMEG50

CustomerPO:

ProjectID:

Attn: **Michael Levay**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

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 Fax: (201) 489-8797
 Received: 03/06/17 2:40 PM

Project: CTC (Oakland) 17-27008B

Analytical Results

Client Sample Description 1-FD-Room116-FD **Collected:** 3/3/2017 **Lab ID:** 0001

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.55	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 2-FD-Room116-FD **Collected:** 3/3/2017 **Lab ID:** 0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 3-WC-Staff-Lounge-FD **Collected:** 3/3/2017 **Lab ID:** 0003

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 4-FP-Room201-FD **Collected:** 3/3/2017 **Lab ID:** 0004

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.15	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 5-FP-Room202-FD **Collected:** 3/3/2017 **Lab ID:** 0005

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	3.81	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 6-FP-ROom203-FD **Collected:** 3/3/2017 **Lab ID:** 0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.01	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

Client Sample Description 7-FP-Room204-FD **Collected:** 3/3/2017 **Lab ID:** 0007

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	4.52	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

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Project: CTC (Oakland) 17-27008B

Analytical Results

Client Sample Description 8-FP-Room205-FD **Collected:** 3/3/2017 **Lab ID:** 0008

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 9-FP-Room206-FD **Collected:** 3/3/2017 **Lab ID:** 0009

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 10-FP-Room207-FD **Collected:** 3/3/2017 **Lab ID:** 0010

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

Client Sample Description 11-FP-Room208-FD **Collected:** 3/3/2017 **Lab ID:** 0011

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

Client Sample Description 12-FP-Room209-FD **Collected:** 3/3/2017 **Lab ID:** 0012

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 13-FP-Room210-FD **Collected:** 3/3/2017 **Lab ID:** 0013

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.87	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 14-FP-Room211-FD **Collected:** 3/3/2017 **Lab ID:** 0014

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.42	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

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 Received: 03/06/17 2:40 PM

Project: CTC (Oakland) 17-27008B

Analytical Results

Client Sample Description 15-FP-Room212-FD **Collected:** 3/3/2017 **Lab ID:** 0015

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 16-FP-Room213-FD **Collected:** 3/3/2017 **Lab ID:** 0016

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.07	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

Client Sample Description 17-FP-Room214-FD **Collected:** 3/3/2017 **Lab ID:** 0017

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.93	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

Client Sample Description 18-FP-Room412-FD **Collected:** 3/3/2017 **Lab ID:** 0018

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.12	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 19-FP-Room312-FD **Collected:** 3/3/2017 **Lab ID:** 0019

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.65	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 20-NS-Nurse-Off.411-FD **Collected:** 3/3/2017 **Lab ID:** 0020

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.81	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 21-Nurse-Off.411-FD **Collected:** 3/3/2017 **Lab ID:** 0021

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

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Project: CTC (Oakland) 17-27008B

Analytical Results

Client Sample Description 22-FP-Room405-FD **Collected:** 3/3/2017 **Lab ID:** 0022

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 23-FP-Room404-FD **Collected:** 3/3/2017 **Lab ID:** 0023

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.20	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 24-FP-Speech-Rm-FD **Collected:** 3/3/2017 **Lab ID:** 0024

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	6.91	1.00	µg/L	3/8/2017	AE	3/9/2017	EG

Client Sample Description 25-FP-Speech-Rm-FD **Collected:** 3/3/2017 **Lab ID:** 0025

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.13	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

Client Sample Description 26-Blank-FD **Collected:** 3/3/2017 **Lab ID:** 0026

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	ND	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

Definitions:

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

**Environmental Chemistry
Chain of Custody**

EMSL Order Number (Lab Use Only):

011701714

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Report To Contact Name: Michael Levay		Bill To Company: Omega Environmental Services, Inc							
Company Name: Omega Environmental Services, Inc		Attention To:							
Street: 280 Huyler Street		Street: 280 Huyler Street							
City: South Hackensack	State/Province: NJ	City: South Hackensack	State/Province: NJ						
Zip/Postal Code: 07606		Zip/Postal Code: 07606							
Phone: 201-489-8700	Fax: 201-342-5412	Phone: 201-489-8700	Fax: 201-342-5412						
Project Name: CTC (Oakland) 17-27008B		Email Results To: lab@omega-env.com							
U.S. State where Samples Collected: NJ									
Number of Samples in Shipment: 14	Date of Shipment:	Purchase Order:							
Standard Turnaround Time: <input checked="" type="checkbox"/> 2 Weeks	The following TAT's are subject to lab approval: <input type="checkbox"/> 1 Week <input type="checkbox"/> 4 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 2 Days <input type="checkbox"/> 1 Day	Sampled By (Signature):							
Failure to complete will hinder processing of samples		List Test(s) Needed							
Client Sample ID	Comp	Grab	Date/Time	Matrix	Preservative	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	W=Water S=Soil A=Air SL=Sludge O= Other	Pb-IC 200.8 PMS	Comments
1 FP-Room 116-FD			3/3/17 7:10	DW	2			X	
2-FP-Room 116-FD			7:07	DW	2			X	
3-WC-Staff Lounge-FD			3/3/17 7:05	DW	2			X	
4-FP-Room 201-FD			7:13	DW	2			X	
5-FP-Room 202-FD			7:15	DW	2			X	
6-FP-Room 203-FD			7:17	DW	2			X	
Released By (Signature)		Date & Time		Received By		Date & Time			
<i>Michael Levay</i>		3/3/17 10:00		<i>[Signature]</i>		3/3/17		<i>[Signature]</i>	
<i>[Signature]</i>		3/6/17 11:16 AM		<i>[Signature]</i>		3/6/17		10:01	
Please indicate reporting requirements: <input checked="" type="checkbox"/> Results Only <input type="checkbox"/> Results and QC <input type="checkbox"/> Reduced Deliverables <input type="checkbox"/> Disk Deliverable <input type="checkbox"/> Other									
Instructions or Comments: <i>Don</i> <i>20.5°C</i> <i>3/6/17</i> <i>14:40</i>									

1 2 3 4 5 6



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

**Environmental Chemistry
Chain of Custody**

EMSL Order Number (Lab Use Only):

011701714

EMSL ANALYTICAL, INC.
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CINNAMINSON, NJ 08077
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Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Client Sample ID	Comp	Grab	Date/Time	Matrix W=Water S=Soil A=Air SL=Sludge O= Other	Preservative 1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	Pb-CPMS 2008	List Test(s) Needed				Comments	
7-FP-Room 204-FD			3/31/7:20	DW	2	X						7
8-FP-Room 205-FD			7:22	DW	2	X						8
9-FP-Room 206-FD			7:24	DW	2	X						9
10-FP-Room 207-FD			7:30	DW	2	X						10
11-FP-Room 208-FD			7:31	DW	2	X						11
12-FP-Room 209-FD			7:32	DW	2	X						12
13-FP-Room 210-FD			7:33	DW	2	X						13
14-FP-Room 211-FD			7:35	DW	2	X						14
15-FP-Room 212-FD			7:36	DW	2	X						15
16-FP-Room 213-FD			7:38	DW	2	X						16
17-FP-Room 214-FD			7:40	DW	2	X						17
18-FP-Room 412-FD			7:41	DW	2	X						18
19-FP-Room 312-FD			7:43	DW	2	X						19
20-NS-Nurse Off. 411-FD			7:45	DW	2	X						20
21-NS-Nurse Off. 411-FD			7:46	DW	2	X						21
22-FP-Room 405-FD			7:49	DW	2	X						22
23-FP-Room 404-FD			7:53	DW	2	X						23

