



## **LEAD IN POTABLE WATER SCREENING REPORT**

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

**SITE INVESTIGATED:** CTC Academy  
29-01 Berkshire Road  
Fair Lawn, NJ 07410-1039

**ASSESSMENT BY:** Rey Montes De Oca  
Omega Environmental Services, Inc.  
280 Huyler Street  
South Hackensack, NJ 07606

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

**DATE OF REPORT:** 3/9/17

(Omega Project # 17-27008A)

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## **EXECUTIVE SUMMARY:**

The CTC Academy, Inc. requested lead in water testing of potable water outlets at CTC Academy, 29-01 Berkshire Road, Fair Lawn, NJ 07410-1039.

### *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 13 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	1 <sup>st</sup> draw (FD)	Results (ppb)	LCR Action Level <sup>(1)</sup> (ppb)
1	Room 26	FD	ND	15
2	Room 23	FD	2.29	15
3	Room 31	FD	ND	15
4	Room 32	FD	ND	15
5	Room 33	FD	ND	15
6	OT Room	FD	1.03	15
7	Room 34	FD	1.42	15
8	Room 35	FD	2.08	15
9	Room 36	FD	ND	15
10	Staff Lounge	FD	1.09	15
11	Staff Lounge	FD	ND	15
12	Nurse Office (16)	FD	ND	15
13	Multi-purpose Rm 2	FD	1.99	15
14	Blank	FD	ND	15

<sup>(1)</sup> 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

NA – Not Analyzed

ND – None Detected

## 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 (HNO<sub>3</sub>) as a preservative.

The samples were packaged in a cooler and shipped to EMSL Analytical, Cinnaminson, NJ for total lead in potable water analysis (method Pb-ICP/MS 200.8).

## 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 outlets test

*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

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Attn:

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

3/8/2017

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 (Fairlawn) 17-27008A**

The reference number for these samples is EMSL Order #011701715. 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:

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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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 011701715

CustomerID: OMEG50

CustomerPO:

ProjectID:

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

Phone: (201) 489-8700  
 Fax: (201) 489-8797  
 Received: 03/06/17 2:40 PM

Project: CTC (Fairlawn) 17-27008A

**Analytical Results**

**Client Sample Description** 1-FP-Room26-FD **Collected:** 3/3/2017 **Lab ID:** 0001

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** 2-FP-Room23-FD **Collected:** 3/3/2017 **Lab ID:** 0002

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.29	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

**Client Sample Description** 3-FP-Room31-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	3/3/2017	AE	3/7/2017	EG

**Client Sample Description** 4-FP-Room32-FD **Collected:** 3/3/2017 **Lab ID:** 0004

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** 5-FP-Room33-FD **Collected:** 3/3/2017 **Lab ID:** 0005

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** 6-FP-OT-Room-FD **Collected:** 3/3/2017 **Lab ID:** 0006

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.03	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

**Client Sample Description** 7-FP-Room34-FD **Collected:** 3/3/2017 **Lab ID:** 0007

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.42	1.00	µg/L	3/3/2017	AE	3/7/2017	EG



**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](mailto:EnvChemistry2@emsl.com)

EMSL Order: 011701715

CustomerID: OMEG50

CustomerPO:

ProjectID:

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

Phone: (201) 489-8700  
 Fax: (201) 489-8797  
 Received: 03/06/17 2:40 PM

Project: CTC (Fairlawn) 17-27008A

**Analytical Results**

**Client Sample Description** 8-FP-Room35-FD **Collected:** 3/3/2017 **Lab ID:** 0008

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	2.08	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

**Client Sample Description** 9-FP-Room36-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	3/3/2017	AE	3/7/2017	EG

**Client Sample Description** 10-TL-Staff-Lounge-FD **Collected:** 3/3/2017 **Lab ID:** 0010

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.09	1.00	µg/L	3/3/2017	AE	3/7/2017	EG

**Client Sample Description** 11-WC-Staff-Lounge-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-NS-Nurse-Off.(16)-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	3/3/2017	AE	3/7/2017	EG

**Client Sample Description** 13-FP-MP-Rm2-FD **Collected:** 3/3/2017 **Lab ID:** 0013

Method	Parameter	Result	RL	Units	Prep Date	Analyst	Analysis Date	Analyst
200.8	Lead	1.99	1.00	µg/L	3/7/2017	AE	3/7/2017	EG

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

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

011701715

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							
Phone: 201-489-8700 Fax: 201-342-5412		Phone: 201-489-8700 Fax: 201-342-5412							
Project Name: CTC (Fairlawn) 17-27008A		Email Results To: lab@omega-env.com							
Number of Samples in Shipment: 14		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"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 4 Days <input type="checkbox"/> 5 Days <input type="checkbox"/> 1 Day							
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	200.8 Pb-ICP/MS	Comments
1 FP-Room 26-FD		7:04	3/3/17	DW	2			X	
2-FP-Room 23-FD		7:06		DW	2			X	
3-FP-Room 31-FD		7:09		DW	2			X	
4-FP-Room 32-FD		7:12		DW	2			X	
5-FP-Room 33-FD		7:16		DW	2			X	
6-FP-OT Room-FD		7:20		DW	2			X	
Released By (Signature)		Date & Time		Received By		Date & Time			
Ray Montes de Oca		3/3/17 17:00		[Signature]		3/6/17 11:16 am			
				[Signature]		3/6/17 14:40			
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:									

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2  
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Received (Commercial) by Montes de Oca  
3/6/2017 Courier 20.50

