

3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities

TRAINING – TESTING – TAKING ACTION

Letter to Parents

Parents and Caregivers

6/21/2019

Mendota Unified School
115 McCabe Avenue

Dear Parent or Caregiver:

We would like to tell you about our plans to reduce potential exposure to lead in drinking water in our school. The U.S. Environmental Protection Agency (EPA) is encouraging Mendota Unified School District to reduce children's exposure to lead from school drinking water by taking steps that include: testing drinking water for lead; disseminating results to parents, students, staff, and other interested stakeholders; and taking appropriate and necessary actions to correct problems.

Lead is a toxic heavy metal that is harmful if inhaled or swallowed. It has a range of adverse health effects, from lowered birth weight and slowed physical and mental development in infants, to lowered IQ levels, impaired hearing, reduced attention span, and poor classroom performance in young children.

EPA's *3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities* campaign aims to encourage voluntary actions to reduce potential exposure to lead in drinking water through training, testing, and taking action. In response, Mendota Unified is taking decisive 3Ts action as follows:

- We are launching an education and awareness initiative to provide **training** to school personnel, parents, custodians, and the community at large regarding the risks of lead poisoning and the means of mitigating these risks.
- We are developing a sampling plan so we can conduct **testing** at outlets where students and staff get water for drinking and cooking.
- We are **taking action** to reduce lead in drinking water, as well as communicate to parents, staff, and the larger school community about risks, testing results, and recommended actions.

Recognizing that communication is key, a *Lead in Drinking Water* Information Display is being set up in the school office. Here, materials, school handouts, and testing updates will be available throughout the day. The school also has a website dedicated to providing information on lead in drinking water. You can visit the site to learn more about the risks of lead in drinking water and the efforts we are undertaking to protect the school community Mendota Unified [3Ts program website URL](#)>. We are committed to keeping you informed every step of the way as we implement this lead in drinking water testing program at our school.

Sincerely,

Robert Gonzales

Director of MOT



Mendota Unified School District

115 McCabe Avenue
Mendota, CA 93640
(559)655-4942

Drinking Water Safety Report

Under new California State Regulations, Community water systems are testing for lead in California School K—12th grade levels. Lead in water frequently originates from the corrosion of plumbing materials which allows the metal to leach into tap water.

Assembly Bill 746, effective January 1, 2018, requires community water systems to test lead levels in drinking water in all California Public Schools on or before July 1, 2019.

Assembly Bill 746 sets a regulatory reporting and action level of 15 parts per billion for lead in drinking water in schools.

State Water Sources Control Board recommendations, if the lead level in a first draw water samples collected on a drinking water fixture at a school exceeds 15 ppb, the fixture must be removed from service and if corrective action is taken, the fixture must be retested before returning to service. The community must be informed of any such finding and as part of the investigation, water at the main point must be tested.

Proactive Measures to ensure Clean Drinking Water

With local bond funding we have been able to keep our facilities renovated and modernized to ensure that our campuses are well maintained and updated. With the bond funding we have been able to replace all water lines, fixtures and drinking fountains in our schools.

We began working with our local water agency (The City of Mendota) to test water samples in our schools. The City of Mendota has taken water samples from five water outlets at each site. Fixtures were selected randomly from food service areas, high use drinking fountains, kindergarten classrooms, and multipurpose rooms.

The water testing results at all school sites were well below the required action level. No lead was detected in all school sites.

Companies Conducting the Tests

- The City of Mendota**
- Technicon Engineering**

Action Plan

- 1) Remove from service any fixture that exceeds the 15ppb action level**
- 2) Identify the cause of contamination**
- 3) Remove the fixture**
- 4) Remediate or replace the fixture**
- 5) Retest before returning the fixture to service**

Mendota Unified	Water Agency	Test Results	Action Taken
Washington Elementary		ND	Exempt
Mendota Elementary		ND	Exempt
Mendota Junior High	Technicon Engineering	ND	Exempt
Mendota High School	City of Mendota	ND	Non-Exempt
Mendota Adult Alternative	City of Mendota	ND	Exempt
Mendota Preschool		ND	Exempt
McCabe Elementary		ND	Exempt

Results to Date

ND = Non Detected

R = Reportable, Lead level is above 15 ppb or greater at one sampling on site

Non Exempt–Before 1/1/2010

Exempt – After 1/1/2010

TABLE 1
Water Analysis Results
Drinking Water Outlets
1258 East Belmont Ave.
Mendota, California 93640
Samples Collected: April 24, 2018
Results expressed as µg/L (ppb)

Sample ID	Sampling Location	Type of Outlet	Date & Time Last Used	Time Sampled	Total Lead Concentration	Action Level
JH1	NE Corner of Basketball Court in Multi-Purpose Building	Drinking Fountain	04-23-18 06:00 PM	06:24 AM	ND	15
JH2	300 Wing Exterior	Drinking Fountain	04-23-18 03:30 PM	06:29 AM	2.3	15
JH3	200 Restrooms Next to Office	Drinking Fountain	04-23-18 03:30 PM	06:35 AM	ND	15
JH4	200 Wing Exterior at East End	Drinking Fountain	04-23-18 03:30 PM	06:40 AM	1.7	15
JH5	Teacher's Lounge in Multi-Purpose Building	Sink	04-23-18 01:00 PM	06:47 AM	ND	15
Reporting Limit	-	-	-	-	1.0	-

ND = not detected at or above the Reporting Limit

According to the analytical results (attached), the water samples submitted for total lead concentration testing were well below the Action Level of 15 ppb. Drinking water outlets with a test result of equal to or less than 15 ppb do not need additional testing.

We appreciate the opportunity to be of service to you. If you have any questions please feel free to contact us at (559) 276-9311.

Respectfully,
TECHNICON ENGINEERING SERVICES, INC.


Marienel Basiga
Staff Geologist


Steve Curra, PG
Environmental Engineering Division-Manager

Attachment: Laboratory Analytical Report





A8D3124

General

1804131/180241

Certificate of Analysis

Sample ID: A8D3124-01
Sampled By: Client
Sample Description: HS1

Sample Date - Time: 04/24/18 - 05:38
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	1.0	ug/L	1	A805777	04/26/18	04/27/18	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



A8D3124

General

1804131/180241

Certificate of Analysis

Sample ID: A8D3124-02
Sampled By: Client
Sample Description: HS2

Sample Date - Time: 04/24/18 - 05:47
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Multi	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	1.0	ug/L	1	A805777	04/26/18	04/27/18	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



A8D3124

General

1804131/180241

Certificate of Analysis

Sample ID: A8D3124-03
Sampled By: Client
Sample Description: HS3

Sample Date - Time: 04/24/18 - 05:57
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	1.0	ug/L	1	A805777	04/26/18	04/27/18	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



A8D3124

General

1804131/180241

Certificate of Analysis

Sample ID: A8D3124-04
Sampled By: Client
Sample Description: HS4

Sample Date - Time: 04/24/18 - 06:07
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	1.0	ug/L	1	A805777	04/26/18	04/27/18	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



A8D3124

General
1804131/180241

Certificate of Analysis

Sample ID: A8D3124-05
Sampled By: Client
Sample Description: HS5

Sample Date - Time: 04/24/18 - 06:11
Matrix: Drinking Water
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Lead	EPA 200.8	ND	1.0	ug/L	1	A805777	04/26/18	04/27/18	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



A8D3124

General

**BSK Associates Laboratory Fresno
Metals Quality Control Report**

Analyte	Result	RL	Units	Spike	Source	%REC		RPD		Date
				Level	Result	%REC	Limits	RPD	Limit	Analyzed

EPA 200.8 - Quality Control

Batch: A805777

Prepared: 4/26/2018

Prep Method: EPA 200.2

Analyst: MAS

Blank (A805777-BLK1)

Lead	ND	1.0	ug/L							04/27/18
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Blank Spike (A805777-BS1)

Lead	200	1.0	ug/L	200		99	85-115			04/27/18
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Blank Spike Dup (A805777-BSD1)

Lead	200	1.0	ug/L	200		99	85-115	0	20	04/27/18
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Matrix Spike (A805777-MS1), Source: A8D3076-01

Lead	190	1.0	ug/L	200	ND	95	70-130			04/27/18
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Matrix Spike (A805777-MS2), Source: A8D3132-01

Lead	190	1.0	ug/L	200	ND	97	70-130			04/27/18
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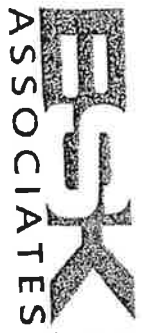
Matrix Spike Dup (A805777-MSD1), Source: A8D3076-01

Lead	190	1.0	ug/L	200	ND	96	70-130	1	20	04/27/18
------	-----	-----	------	-----	----	----	--------	---	----	----------

Matrix Spike Dup (A805777-MSD2), Source: A8D3132-01

Lead	190	1.0	ug/L	200	ND	93	70-130	4	20	04/27/18
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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



1414 Stanislaus St., Fresno, CA 93706
 (559) 497-2888 · Fax (559) 497-2893
 www.bs&kassociates.com

Turnaround Time Request
 Standard - 10 business days
 Rush (Surcharge may apply)
 Date needed:

A8D3124
 Cast12930



04/25/2018
 10

Temp: **5.30 ATC**

Company/Client Name: **Castle Analytical** Report Attention: **Chari J. Cone** Invoice To: **PO#** Phone: **209 384-2930** Fax: **209 384-2930**
 Address: **2333 Shuttle Drive** City: **Atwater** State: **CA** Zip: **95301**
 Project: **1804127 / 180241** Picked #: _____ Regulatory Compliance: EDT to California SWRCB (Drinking Water) System Number: _____
 Reporting Options: Trace (U-Frag) Swamp EDD Type: _____ Regulatory Compliance: SWRCB (Drinking Water) Fresno Co Tulare Co Madera Co Geotracker #: _____
 Sampler Name (Printed/Signature): _____ Other: _____

#	Sample Description*	Sampled*		Matrix*	Comments / Station Code / WTRAX
		Date	Time		
1	H51	4-24-18	5:38am	DW	X
2	H52		5:47am		X
7	H53		5:57am		X
4	H54		6:07am		X
5	H55		6:11am		X

Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

Regulatory/Carbon Copies: SWRCB (Drinking Water) Fresno Co Tulare Co Madera Co Other

How would you like to receive your completed results? E-Mail Fax Mail

Received by: (Signature and Printed Name) _____ Date: _____ Time: _____
 Received by: (Signature and Printed Name) _____ Date: _____ Time: _____

Shipping Method: **ONTRAC** UPS **GSO** **FED EX** Courier _____

Chilling Process Begun: **Y** / **N**

Amount: _____ P/A#: _____ Check Int. Cash

Relinquish Property (Signature and Printed Name) _____ Company: **Castle Analytical** Date: **4/25/18** Time: **9:50**
 Relinquished by: (Signature and Printed Name) _____ Company: _____ Date: _____ Time: _____
 Received for Lab by: (Signature and Printed Name) _____ Date: **4/25/18** Time: **6:58**
 Shipping Method: **ONTRAC** UPS **GSO** **FED EX** Courier _____
 Cooling Method: **Wet** **None**
 Payment for services rendered as noted herein are due in full within 30 days from the date invoice. If not so paid, account holder is deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BS&K's current Standard Terms and Conditions for Laboratory Services. The person signing for this document acknowledges that they are either the client or authorized agent to the client, that the client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BS&K's terms and conditions for laboratory services unless otherwise stated. BS&K's current terms and conditions can be found at www.bs&kassociates.com/BS&KLabTermsConditions.pdf