

Get the Lead out of School Drinking Water



**MISSOURI DEPARTMENT OF
HEALTH &
SENIOR SERVICES**

Bureau of Environmental Epidemiology

Steve May

Assistant Chief

What is Lead?

Lead is a heavy metal found naturally in the earth's crust. Once processed and purified, lead is heavy, malleable, has been historically used in a variety of ways including in paints, gasoline, batteries, bullets, keys, and some vinyl products such as mini-blinds. Fine particles of processed or recycled lead and/or lead dust from these items can become a health hazard when they are taken into the body through inhalation (breathing) and/or ingestion (swallowing).

Basics of Lead Poisoning

- Lead does NOT naturally occur in the body
- Enters the body through inhalation or ingestion
- In most cases, does not produce noticeable symptoms
- Toxic to the human body
- Impacts all body systems
- Health effects are irreversible
- Environmental hazard
- Poisoning is preventable

LEAD EXPOSURE ENTRY ROUTES



INGESTION
(eating/swallowing)



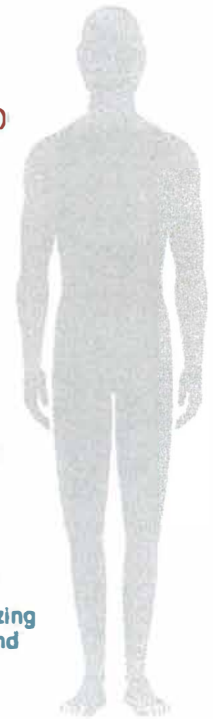
INHALATION
(breathing)



DERMAL
(absorbed through the skin)



ENDOGENOUS
(stored in mineralizing tissue e.g., teeth and bones)



Health Effects in Children

- Damage to the brain and nervous system
 - Lowered IQ
 - ADHD
 - Learning disabilities
 - Impaired peripheral nerve function
 - Balance
 - Hearing and speech impairment
- Slowed growth and development
- Anemia (low iron levels)
- Seizures, coma, and death

Exposure to lead can seriously harm a child's health.

The infographic is divided into four quadrants, each with a circular icon and text. Top-left: A brain with a red spot and a lightning bolt, labeled 'Damage to the brain and nervous system'. Top-right: A child's silhouette with a vertical bar graph showing a low level, labeled 'Slowed growth and development'. Bottom-left: A child's silhouette with a document and a red 'X', labeled 'Learning and behavior problems'. Bottom-right: A child's silhouette with a hearing aid and a speech bubble, labeled 'Hearing and speech problems'.

This can cause:

- Lower IQ
- Decreased ability to pay attention
- Underperformance in school

The silhouettes show four children of varying heights, illustrating the impact of slowed growth and development.



ANALYTICAL RESULTS

Sample: GD00075-01
Name: TCDF23-1
Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:31
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 13:54	KMC	EPA 200.8 REV 5.4

Sample: GD00075-02
Name: TCDF23-2
Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:32
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 13:56	KMC	EPA 200.8 REV 5.4

Sample: GD00075-03
Name: TCDF24-1
Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:36
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 13:58	KMC	EPA 200.8 REV 5.4

Sample: GD00075-04
Name: TCDF24-2
Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:38
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:00	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GD00075-13
Name: H.S ICM3-1
Matrix: Drinking Water - Grab

Sampled: 03/29/23 04:55
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:26	KMC	EPA 200.8 REV 5.4

Sample: GD00075-14
Name: H.S ICM3-2
Matrix: Drinking Water - Grab

Sampled: 03/29/23 07:00
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:29	KMC	EPA 200.8 REV 5.4

Sample: GD00075-15
Name: H.S DF17-1
Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:09
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:35	KMC	EPA 200.8 REV 5.4

Sample: GD00075-16
Name: H.S DF17-2
Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:10
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:41	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GD00075-17
Name: H.S DF18-1
Matrix: Drinking Water - Grab

Sampled: 03/29/23 04:47
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:43	KMC	EPA 200.8 REV 5.4

Sample: GD00075-18
Name: H.S DF18-2
Matrix: Drinking Water - Grab

Sampled: 03/29/23 04:48
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:45	KMC	EPA 200.8 REV 5.4

Sample: GD00075-19
Name: H.S DF19-1
Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:00
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:47	KMC	EPA 200.8 REV 5.4

Sample: GD00075-20
Name: H.S DF19-2
Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:01
Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:49	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GD00075-21
 Name: M.S DF16-1
 Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:16
 Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:51	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GD00075-22
 Name: M.S DF16-2
 Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:17
 Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:53	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GD00075-23
 Name: SBCS-1
 Matrix: Drinking Water - Grab

Sampled: 03/29/23 06:00
 Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 14:59	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GD00075-24
 Name: SBCS-2
 Matrix: Drinking Water - Grab

Sampled: 03/29/23 06:01
 Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 15:05	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GD00075-25
 Name: FS-1
 Matrix: Drinking Water - Grab

Sampled: 03/29/23 06:15
 Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 15:07	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GD00075-26
 Name: FS-2
 Matrix: Drinking Water - Grab

Sampled: 03/29/23 06:16
 Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 15:09	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GD00075-27
 Name: AGDF20-1
 Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:20
 Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 15:11	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: GD00075-28
 Name: AGDF20-2
 Matrix: Drinking Water - Grab

Sampled: 03/29/23 05:21
 Received: 04/02/23 10:15

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		04/11/23 10:38	1	1.00	04/11/23 15:14	KMC	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: GC02155-01
 Name: Elm DF 1 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:40
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.20	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:18	KMC	EPA 200.8 REV 5.4

Sample: GC02155-02
 Name: Elm DF 1 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:41
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.05	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:19	KMC	EPA 200.8 REV 5.4

Sample: GC02155-03
 Name: Elm DF 2 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:44
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:27	KMC	EPA 200.8 REV 5.4

Sample: GC02155-04
 Name: Elm DF 2 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:45
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:28	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GC02155-05
 Name: Elm DF 3 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:48
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:30	KMC	EPA 200.8 REV 5.4

Sample: GC02155-06
 Name: Elm DF 3 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:49
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:32	KMC	EPA 200.8 REV 5.4

Sample: GC02155-07
 Name: Elm DF 4 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:36
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:33	KMC	EPA 200.8 REV 5.4

Sample: GC02155-08
 Name: Elm DF 4 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:37
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:35	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GC02155-09
 Name: Elm DF 5 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 06:32
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:36	KMC	EPA 200.8 REV 5.4

Sample: GC02155-10
 Name: Elm DF 5 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 06:33
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:38	KMC	EPA 200.8 REV 5.4

Sample: GC02155-11
 Name: Elm DF 6 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 06:32
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:46	KMC	EPA 200.8 REV 5.4

Sample: GC02155-12
 Name: Elm DF 6 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:33
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:47	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GC02155-13
 Name: Elm DF 7 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:25
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	2.44	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:49	KMC	EPA 200.8 REV 5.4

Sample: GC02155-14
 Name: Elm DF 7 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:26
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.91	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:50	KMC	EPA 200.8 REV 5.4

Sample: GC02155-15
 Name: Elm DF 8 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:28
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:52	KMC	EPA 200.8 REV 5.4

Sample: GC02155-16
 Name: Elm DF 8 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:29
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:53	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GC02155-17
 Name: Elm DF 9 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:20
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.60	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:55	KMC	EPA 200.8 REV 5.4

Sample: GC02155-18
 Name: Elm DF 9 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:20
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	2.27	ug/L		03/16/23 11:40	1	1.00	03/16/23 13:57	KMC	EPA 200.8 REV 5.4

Sample: GC02155-19
 Name: Elm DF 10 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:14
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:04	KMC	EPA 200.8 REV 5.4

Sample: GC02155-20
 Name: Elm DF 10 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:15
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:06	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GC02155-21
 Name: Elm DF 11 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:53
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:08	KMC	EPA 200.8 REV 5.4

Sample: GC02155-22
 Name: Elm DF 11 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:54
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:09	KMC	EPA 200.8 REV 5.4

Sample: GC02155-23
 Name: Elm DF 12 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:58
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:11	KMC	EPA 200.8 REV 5.4

Sample: GC02155-24
 Name: Elm DF 12 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:54
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:12	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GC02155-25
 Name: Elm SK 1 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:05
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:14	KMC	EPA 200.8 REV 5.4

Sample: GC02155-26
 Name: Elm SK 1 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:06
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:15	KMC	EPA 200.8 REV 5.4

Sample: GC02155-27
 Name: Elm ICM - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:03
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:30	KMC	EPA 200.8 REV 5.4

Sample: GC02155-28
 Name: Elm ICM - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 08:30
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:31	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GC02155-29
 Name: Elm DW 1 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:00
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:33	KMC	EPA 200.8 REV 5.4

Sample: GC02155-30
 Name: Elm DW 1 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 05:01
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:34	KMC	EPA 200.8 REV 5.4

Sample: GC02155-31
 Name: M.S. DF 13 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 06:07
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:36	KMC	EPA 200.8 REV 5.4

Sample: GC02155-32
 Name: M.S. DF 13 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 06:08
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:37	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: GC02155-33
 Name: M.S. DF 14 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 06:06
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:39	KMC	EPA 200.8 REV 5.4

Sample: GC02155-34
 Name: M.S. DF 14 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 06:07
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:41	KMC	EPA 200.8 REV 5.4

Sample: GC02155-35
 Name: M.S. DF 15 - 1
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 06:15
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:48	KMC	EPA 200.8 REV 5.4

Sample: GC02155-36
 Name: M.S. DF 15 - 2
 Matrix: Drinking Water - Grab

Sampled: 03/09/23 06:16
 Received: 03/13/23 09:55

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		03/16/23 11:40	1	1.00	03/16/23 14:50	KMC	EPA 200.8 REV 5.4