

April 8, 2022

Midland Independent School District
615 W. Missouri Avenue
Midland, Texas 79701

Att Davie Ramirez
Director of School Plant Services/Energy Manager

Re EPA – Water Re-test, Primary Drinking Water Sample Analysis
MISD – Midland Freshman High School
Consultant's Project No. 2226

Attached are the lab sample results for drinking water collected from Midland Freshman High School on March 25, 2022 as you requested. One water sample were collected indicated levels for lead over the current EPA Primary drinking water standards. Samples were collected from 1st and 2nd floors corridor water fountains. Below is a summary of lab sample results.

Summary

	Result	EPA Standard
Arsenic	0.0026 – 0.0057 mg/L	0.010 mg/L
Iron	None detected	0.30 mg/L
Lead	0.0012 – 0.0189 mg/L	0.015 mg/L

Samples were collected by Corral Environmental Consulting, LLC., and analyzed by EMSL Analytical, Inc., located at 6340 Castle Place Drive, Indianapolis, Indiana. Please let me know if you have any questions.

Thank you,



Ines Corral, CIEC
Certified Indoor Environmental Consultant



EMSL Analytical, Inc.

6340 CastlePlace Dr., Indianapolis, IN 46250

Phone: (317) 803-2997 Fax: (317) 803-3047 Email: indianapolislaboratory@emsl.com

Attn:

Ines Corral
Corral Environmental Consulting, LLC
PO Box 13996
Odessa, TX 79768

4/5/2022

Phone: (432) 362-5577

Fax: (432) 362-5576

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 3/28/2022. The results are tabulated on the attached data pages for the following client designated project:

2226-MISD, MIDLAND FRESHMAN

The reference number for these samples is EMSL Order #162206382. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (317) 803-2997.

Approved By:

Aleksandra Kuchenbrod, Inorganic Chemistry Lab
Manager

EPA Limit for Lead in Drinking Water is 0.015 mg/L

Report amended 04/05/2022 15:25:14 Replaces initial report from 04/04/2022 16:28:00 Client want results in mg/l.

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.**

6340 CastlePlace Dr., Indianapolis, IN 46250
 Phone/Fax: (317) 803-2997 / (317) 803-3047
<http://www.EMSL.com> indianapolislab@emsl.com

EMSL Order: 162206382
 CustomerID: HCA62
 CustomerPO:
 ProjectID:

Attn: **Ines Corral**
Corral Environmental Consulting, LLC
PO Box 13996
Odessa, TX 79768

Phone: (432) 362-5577
 Fax: (432) 362-5576
 Received: 3/28/2022 08:30 AM
 Collected: 3/25/2022

Project: 2226-MISD, MIDLAND FRESHMAN

Analytical Results

Client Sample Description 1
 2226-MISD, MIDLAND FRESHMAN-DRAW
Collected: 3/25/2022 **Lab ID:** 162206382-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.0028	0.0025 mg/L	4/4/2022 KK	4/4/2022 13:37 KK
200.8	Iron	ND	0.10 mg/L	4/4/2022 KK	4/4/2022 13:37 KK
200.8	Lead	0.0134	0.00100 mg/L	4/4/2022 KK	4/4/2022 13:37 KK

Client Sample Description 1B
 2226-MISD, MIDLAND FRESHMAN-FLUSH
Collected: 3/25/2022 **Lab ID:** 162206382-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.0042	0.0025 mg/L	4/4/2022 KK	4/4/2022 13:39 KK
200.8	Iron	ND	0.10 mg/L	4/4/2022 KK	4/4/2022 13:39 KK
200.8	Lead	0.0133	0.00100 mg/L	4/4/2022 KK	4/4/2022 13:39 KK

Client Sample Description 2
 2226-MISD, MIDLAND FRESHMAN-DRAW
Collected: 3/25/2022 **Lab ID:** 162206382-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.0032	0.0025 mg/L	4/4/2022 KK	4/4/2022 13:41 KK
200.8	Iron	ND	0.10 mg/L	4/4/2022 KK	4/4/2022 13:41 KK
200.8	Lead	0.0189	0.00100 mg/L	4/4/2022 KK	4/4/2022 13:41 KK

Client Sample Description 2B
 2226-MISD, MIDLAND FRESHMAN-FLUSH
Collected: 3/25/2022 **Lab ID:** 162206382-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.0057	0.0025 mg/L	4/4/2022 KK	4/4/2022 13:51 KK
200.8	Iron	ND	0.10 mg/L	4/4/2022 KK	4/4/2022 13:51 KK
200.8	Lead	0.00260	0.00100 mg/L	4/4/2022 KK	4/4/2022 13:51 KK

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Project: 2226-MISD, MIDLAND FRESHMAN

Analytical Results

Client Sample Description 3
 2226-MISD, MIDLAND FRESHMAN-DRAW
Collected: 3/25/2022 **Lab ID:** 162206382-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.0026	0.0025 mg/L	4/4/2022 KK	4/4/2022 13:53 KK
200.8	Iron	ND	0.10 mg/L	4/4/2022 KK	4/4/2022 13:53 KK
200.8	Lead	0.00126	0.00100 mg/L	4/4/2022 KK	4/4/2022 13:53 KK

Client Sample Description 3B
 2226-MISD, MIDLAND FRESHMAN-FLUSH
Collected: 3/25/2022 **Lab ID:** 162206382-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.0040	0.0025 mg/L	4/4/2022 KK	4/4/2022 13:55 KK
200.8	Iron	ND	0.10 mg/L	4/4/2022 KK	4/4/2022 13:55 KK
200.8	Lead	0.00214	0.00100 mg/L	4/4/2022 KK	4/4/2022 13:55 KK

Client Sample Description 4
 2226-MISD, MIDLAND FRESHMAN-DRAW
Collected: 3/25/2022 **Lab ID:** 162206382-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.0029	0.0025 mg/L	4/4/2022 KK	4/4/2022 13:57 KK
200.8	Iron	ND	0.10 mg/L	4/4/2022 KK	4/4/2022 13:57 KK
200.8	Lead	0.00262	0.00100 mg/L	4/4/2022 KK	4/4/2022 13:57 KK

Client Sample Description 4B
 2226-MISD, MIDLAND FRESHMAN-FLUSH
Collected: 3/25/2022 **Lab ID:** 162206382-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.0057	0.0025 mg/L	4/4/2022 KK	4/4/2022 13:59 KK
200.8	Iron	ND	0.10 mg/L	4/4/2022 KK	4/4/2022 13:59 KK
200.8	Lead	0.00267	0.00100 mg/L	4/4/2022 KK	4/4/2022 13:59 KK



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Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

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

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results