

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 – Re-test, Primary Drinking Water Sample Analysis
MISD – Greathouse Elementary School
Consultant’s Project No. 2226

Attached are the lab sample results for drinking water collected from Greathouse Elementary School on March 26, 2020 as you requested. 2 water sample were collected indicated levels for arsenic, and lead over the current EPA Primary drinking water standards. Samples were collected from rooms 101 and 135 sinks. Water fountains in classrooms were not working. Below is a summary of lab sample results.

Summary

	Result	EPA Standard
Arsenic	0.0068 – 0.011 mg/L	0.010 mg/L
Iron	0.012 mg/L	0.30 mg/L
Lead	0.029 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 3/29/2022. The results are tabulated on the attached data pages for the following client designated project:

2226 - MISD, GRAT HOUSE

The reference number for these samples is EMSL Order #162206556. 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 Arsenic in Drinking Water is 0.010 mg/L
EPA Limit for Iron in Drinking Water is 0.30 mg/L
EPA Limit for Lead in Drinking Water is 0.015 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: 162206556
 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: 3/29/2022 10:27 AM
 Collected: 3/27/2022

Project: 2226 - MISD, GRAT HOUSE

Analytical Results

Client Sample Description 1 MISD, GRAT HOUSE- DRAW **Collected:** 3/27/2022 **Lab ID:** 162206556-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	ND	0.0025 mg/L	4/5/2022 AK	4/5/2022 13:49 AK
200.8	Iron	ND	0.10 mg/L	4/5/2022 AK	4/5/2022 13:49 AK
200.8	Lead	ND	0.00100 mg/L	4/5/2022 AK	4/5/2022 13:49 AK

Client Sample Description 2 MISD, GRAT HOUSE- DRAW **Collected:** 3/27/2022 **Lab ID:** 162206556-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.011	0.0025 mg/L	4/5/2022 AK	4/5/2022 13:51 AK
200.8	Iron	ND	0.10 mg/L	4/5/2022 AK	4/5/2022 13:51 AK
200.8	Lead	ND	0.00100 mg/L	4/5/2022 AK	4/5/2022 13:51 AK

Client Sample Description 3 MISD, GRAT HOUSE- DRAW **Collected:** 3/27/2022 **Lab ID:** 162206556-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	ND	0.0025 mg/L	4/5/2022 AK	4/5/2022 13:53 AK
200.8	Iron	ND	0.10 mg/L	4/5/2022 AK	4/5/2022 13:53 AK
200.8	Lead	ND	0.00100 mg/L	4/5/2022 AK	4/5/2022 13:53 AK

Client Sample Description 4 MISD, GRAT HOUSE- DRAW **Collected:** 3/27/2022 **Lab ID:** 162206556-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	0.0068	0.0025 mg/L	4/5/2022 AK	4/5/2022 13:55 AK
200.8	Iron	0.12	0.10 mg/L	4/5/2022 AK	4/5/2022 13:55 AK
200.8	Lead	0.0292	0.00100 mg/L	4/5/2022 AK	4/5/2022 13:55 AK

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EMSL Order: 162206556
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Project: 2226 - MISD, GRAT HOUSE

Analytical Results

Client Sample Description 5 MISD, GRAT HOUSE- DRAW **Collected:** 3/27/2022 **Lab ID:** 162206556-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	ND	0.0025 mg/L	4/5/2022 AK	4/5/2022 14:01 AK
200.8	Iron	ND	0.10 mg/L	4/5/2022 AK	4/5/2022 14:01 AK
200.8	Lead	ND	0.00100 mg/L	4/5/2022 AK	4/5/2022 14:01 AK

Client Sample Description 6 MISD, GRAT HOUSE- DRAW **Collected:** 3/27/2022 **Lab ID:** 162206556-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	ND	0.0025 mg/L	4/5/2022 AK	4/5/2022 14:03 AK
200.8	Iron	ND	0.10 mg/L	4/5/2022 AK	4/5/2022 14:03 AK
200.8	Lead	ND	0.00100 mg/L	4/5/2022 AK	4/5/2022 14:03 AK

Client Sample Description 7 MISD, GRAT HOUSE- DRAW **Collected:** 3/27/2022 **Lab ID:** 162206556-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Arsenic	ND	0.0025 mg/L	4/5/2022 AK	4/5/2022 14:05 AK
200.8	Iron	ND	0.10 mg/L	4/5/2022 AK	4/5/2022 14:05 AK
200.8	Lead	ND	0.00100 mg/L	4/5/2022 AK	4/5/2022 14:05 AK

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