



April 03, 2017

Victor Scherer
Arizona Department of Environmental Quality-Phx
1110 W. Washington Street
Phoenix, AZ 85007

TEL (520) 398-2266
FAX (602) 207-2383

RE: Lead Analysis

Work Order No.: 17C0705
Order Name: Flowing Wells
Unified District

Dear Victor Scherer,

Turner Laboratories, Inc. received 5 sample(s) on 03/27/2017 for the analyses presented in the following report.

All results are intended to be considered in their entirety, and Turner Laboratories, Inc. is not responsible for use of less than the complete report. Results apply only to the samples analyzed. Samples will be disposed of 30 days after issue of our report unless special arrangements are made.

The pages that follow may contain sensitive, privileged or confidential information intended solely for the addressee named above. If you receive this message and are not the agent or employee of the addressee, this communication has been sent in error. Please do not disseminate or copy any of the attached and notify the sender immediately by telephone. Please also return the attached sheet(s) to the sender by mail.

Please call if you have any questions.

Respectfully submitted,

Turner Laboratories, Inc.
ADHS License AZ0066

Max DiSante
Laboratory Director

Client: Arizona Department of Environmental Quality-P**Project:** Lead Analysis**Work Order:** 17C0705**Date Received:** 03/27/2017**Order:** Flowing Wells Unified District**Work Order Sample Summary**

| Lab Sample ID | Client Sample ID | Matrix | Collection Date/Time |
|----------------------|-------------------------|----------------|-----------------------------|
| 17C0705-01 | Richardson-5 | Drinking Water | 03/22/2017 0612 |
| 17C0705-02 | Richardson-1 | Drinking Water | 03/22/2017 0557 |
| 17C0705-03 | Richardson-4 | Drinking Water | 03/22/2017 0543 |
| 17C0705-04 | Richardson-3 | Drinking Water | 03/22/2017 0543 |
| 17C0705-05 | Richardson-2 | Drinking Water | 03/22/2017 0602 |

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17C0705
Date Received: 03/27/2017

Case Narrative

All soil, sludge, and solid matrix determinations are reported on a wet weight basis unless otherwise noted.

ND Not Detected at or above the PQL

PQL Practical Quantitation Limit

DF Dilution Factor

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0705
Lab Sample ID: 17C0705-01

Client Sample ID: Richardson-5
Collection Date/Time: 03/22/2017 0612
Matrix: Drinking Water
Order Name: Flowing Wells Unified District

| Analyses | Result | PQL | Qual | Units | DF | Prep Date | Analysis Date | Analyst |
|----------------------------------|--------|------|------|-------|----|-----------------|-----------------|---------|
| ICP/MS Total Metals-E200.8 (5.4) | | | | | | | | |
| Lead | 7.5 | 0.50 | | ug/L | 1 | 03/28/2017 1005 | 03/28/2017 1331 | MH |

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0705
Lab Sample ID: 17C0705-02

Client Sample ID: Richardson-1
Collection Date/Time: 03/22/2017 0557
Matrix: Drinking Water
Order Name: Flowing Wells Unified District

| Analyses | Result | PQL | Qual | Units | DF | Prep Date | Analysis Date | Analyst |
|----------------------------------|--------|------|------|-------|----|-----------------|-----------------|---------|
| ICP/MS Total Metals-E200.8 (5.4) | | | | | | | | |
| Lead | 0.55 | 0.50 | | ug/L | 1 | 03/28/2017 1005 | 03/28/2017 1336 | MH |

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0705
Lab Sample ID: 17C0705-03

Client Sample ID: Richardson-4
Collection Date/Time: 03/22/2017 0543
Matrix: Drinking Water
Order Name: Flowing Wells Unified District

| Analyses | Result | PQL | Qual | Units | DF | Prep Date | Analysis Date | Analyst |
|----------------------------------|--------|------|------|-------|----|-----------------|-----------------|---------|
| ICP/MS Total Metals-E200.8 (5.4) | | | | | | | | |
| Lead | 0.58 | 0.50 | | ug/L | 1 | 03/28/2017 1005 | 03/28/2017 1342 | MH |

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0705
Lab Sample ID: 17C0705-04

Client Sample ID: Richardson-3
Collection Date/Time: 03/22/2017 0543
Matrix: Drinking Water
Order Name: Flowing Wells Unified District

| Analyses | Result | PQL | Qual | Units | DF | Prep Date | Analysis Date | Analyst |
|----------------------------------|--------|------|------|-------|----|-----------------|-----------------|---------|
| ICP/MS Total Metals-E200.8 (5.4) | | | | | | | | |
| Lead | 1.8 | 0.50 | | ug/L | 1 | 03/28/2017 1005 | 03/28/2017 1347 | MH |

Client: Arizona Department of Environmental Qual
Project: Lead Analysis
Work Order: 17C0705
Lab Sample ID: 17C0705-05

Client Sample ID: Richardson-2
Collection Date/Time: 03/22/2017 0602
Matrix: Drinking Water
Order Name: Flowing Wells Unified District

| Analyses | Result | PQL | Qual | Units | DF | Prep Date | Analysis Date | Analyst |
|----------------------------------|--------|------|------|-------|----|-----------------|-----------------|---------|
| ICP/MS Total Metals-E200.8 (5.4) | | | | | | | | |
| Lead | 1.7 | 0.50 | | ug/L | 1 | 03/28/2017 1005 | 03/28/2017 1352 | MH |

Client: Arizona Department of Environmental Quality-Phx
Project: Lead Analysis
Work Order: 17C0705
Date Received: 03/27/2017

QC Summary

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Qual |
|-------------------------------------|--------|--------------------|-------|---------------------------------|------------------|---------------------------------|--------|--------------|------|
| Batch 1703264 - E200.8 (5.4) | | | | | | | | | |
| Blank (1703264-BLK1) | | | | Prepared & Analyzed: 03/28/2017 | | | | | |
| Lead | ND | 0.50 | ug/L | | | | | | |
| LCS (1703264-BS1) | | | | Prepared & Analyzed: 03/28/2017 | | | | | |
| Lead | 49 | 0.50 | ug/L | 50.00 | | 99 | 85-115 | | |
| LCS Dup (1703264-BSD1) | | | | Prepared & Analyzed: 03/28/2017 | | | | | |
| Lead | 49 | 0.50 | ug/L | 50.00 | | 99 | 85-115 | 0.3 | 20 |
| Matrix Spike (1703264-MS1) | | | | Source: 17C0662-01 | | Prepared & Analyzed: 03/28/2017 | | | |
| Lead | 63 | 0.50 | ug/L | 50.00 | 0.58 | 126 | 70-130 | | |
| Matrix Spike (1703264-MS2) | | | | Source: 17C0713-01 | | Prepared & Analyzed: 03/28/2017 | | | |
| Lead | 60 | 0.50 | ug/L | 50.00 | 0.28 | 120 | 70-130 | | |

Collection Log

for experienced sample collectors

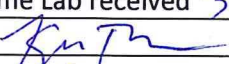
17C0705-01

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

| | |
|---|--------------------------------|
| Name of School District | Flowing Wells Unified District |
| School Name | Richardson Elementary |
| Building (name/number) | 1004 Portable bldg. |
| Type of Fixture (tap, drinking fountain etc.) | Drinking Fountain - Rm 4 |
| Location of Fixture (example, room number) | portable bldg - Rm 4 Fountain |
| Sample Identification Number (Write this number on the sample container and on this sheet) | Richardson-5 |
| Date of Collection | 3/22/17 |
| Time of Collection | 6:12 AM |
| Printed Name of Sample Collector | Andrew Mintel |
| Signature Sample Collector | Andrew Mintel |

Notes Sample collector:

| For Lab use only | |
|---|---|
| Analyze this drinking water sample for lead | |
| Date and Time Lab received | 3-27-17 1136 |
| Signature |  |
| Notes: temp 9.6 | |

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log

for experienced sample collectors

17C0705-02

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

| | |
|---|--|
| Name of School District | Flowing Wells Unified District |
| School Name | Richardson Elementary |
| Building (name/number) | 1001/1002 MPR Bldg. - 1 st Sample |
| Type of Fixture (tap, drinking fountain etc.) | Drinking Fountain |
| Location of Fixture (example, room number) | MPR |
| Sample Identification Number (Write this number on the sample container and on this sheet) | Richardson-1 |
| Date of Collection | |
| Time of Collection | 5:57 AM |
| Printed Name of Sample Collector | Andrew Minkel |
| Signature Sample Collector | Andrew Minkel |

Notes Sample collector:

| For Lab use only | |
|---|--------------|
| Analyze this drinking water sample for lead | |
| Date and Time Lab received | 3-27-17 1136 |
| Signature | [Signature] |
| Notes: temp = 9.4 - Sample collected on 3-22-17 per sample bottle label. | |

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log

for experienced sample collectors

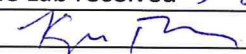
17C0705-03

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

| | |
|--|---|
| Name of School District | Flowing Wells Unified District |
| School Name | Richardson Elementary |
| Building (name/number) | SINK TAP |
| Type of Fixture (tap, drinking fountain etc.) | TAP in Kitchen - 2 nd Sample |
| Location of Fixture (example, room number) | 3 rd Feb |
| Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>) | Richardson - 4 |
| Date of Collection | 3/22/17 |
| Time of Collection | 5:43 AM |
| Printed Name of Sample Collector | Andrew Minkel |
| Signature Sample Collector | Andrew Minkel |

| |
|-------------------------|
| Notes Sample collector: |
|-------------------------|

| For Lab use only | |
|---|---|
| Analyze this drinking water sample for lead | |
| Date and Time Lab received | 3-27-17 1136 |
| Signature |  |
| Notes: | temp = 19.6 |

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log

for experienced sample collectors

17C0705-04

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

| | |
|--|-----------------------------------|
| Name of School District | Flowing Wells Unified District |
| School Name | Richardson Elementary |
| Building (name/number) | 1001/1002 |
| Type of Fixture (tap, drinking fountain etc.) | Sink TAP - 1 st Sample |
| Location of Fixture (example, room number) | TAP in Kitchen - 3146 |
| Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>) | Richardson-3 |
| Date of Collection | 2/22/17 |
| Time of Collection | 5:43 AM |
| Printed Name of Sample Collector | Andrew Minkler |
| Signature Sample Collector | Andrew Minkler |

Notes Sample collector:

| For Lab use only | |
|---|--------------|
| Analyze this drinking water sample for lead | |
| Date and Time Lab received | 3-27-17 1136 |
| Signature | [Signature] |
| Notes: temp = 9.6 | |

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.

Collection Log

for experienced sample collectors

17C0705-05

Complete copy of this form for each sample collected. Your drinking water sample cannot be tested unless a copy of this form is shipped to the lab with each sample. In addition, the sample cannot be tested unless the Sample Identification Number matches the number on the sample container label.

- ☒ Check this box to confirm that **water had not been used at this tap or other taps in the area for 6 hours** and **no** flushing was done prior to sampling

| | |
|--|--|
| Name of School District | Flowing Wells Unified District |
| School Name | Richardson Elementary |
| Building (name/number) | 1001 / 1002 |
| Type of Fixture (tap, drinking fountain etc.) | Drinking Fountain - 2 nd Sample |
| Location of Fixture (example, room number) | in hallway by office |
| Sample Identification Number (<u>Write this number on the sample container and on this sheet</u>) | Richardson - 2 |
| Date of Collection | 3/22/17 |
| Time of Collection | 6:02 |
| Printed Name of Sample Collector | Andrew M. Mikel |
| Signature Sample Collector | <i>Andrew M. Mikel</i> |

Notes Sample collector:

| For Lab use only | |
|---|--------------------|
| Analyze this drinking water sample for lead | |
| Date and Time Lab received | 3-27-17 1136 |
| Signature | <i>[Signature]</i> |
| Notes: temp = 9.6 | |

For relinquishing samples upon delivery to labs only

Relinquished date and signature _____

These samples were collected for lead screening purposes only and cannot be used for compliance.