



4401 S. Tucson Estates Parkway
Tucson, Arizona 85735
520.791.2544 Phone
520.791.5260 Fax

26 April 2017

Water Quality Compliance 5415B-1
Arizona Department of Environmental Quality
1110 West Washington Street
Tucson, AZ 85735
RE: Public School Lead Screening Program

Enclosed are the results for Work Order L170444, received by the laboratory on 03/28/2017 15:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Michael E. Dew
Lab Manager

Tucson Water Quality Lab
 4401 S. Tucson Estates Pkwy.
 Tucson, AZ 85735
 (520) 837-2455

Arizona Department of Environmental Quality
 1110 West Washington Street
 Phoenix AZ, 85007

Project: Public School Lead Screening Program
 Project Number: P01210
 Project Manager: Water Quality Compliance 5415B-1

Reported:
 04/26/2017 10:49

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------------------------|---------------|---------|------------------|------------------|
| Main drinking fountain | L170444-01 | Aqueous | 03/21/2017 08:25 | 03/28/2017 15:00 |
| Main | L170444-02 | Aqueous | 03/21/2017 08:30 | 03/28/2017 15:00 |
| Library | L170444-03 | Aqueous | 03/21/2017 08:40 | 03/28/2017 15:00 |
| Activity Center | L170444-04 | Aqueous | 03/21/2017 09:50 | 03/28/2017 15:00 |
| New Wing | L170444-05 | Aqueous | 03/21/2017 09:50 | 03/28/2017 15:00 |
| FR_301 Classroom RM B22 | L170444-06 | Aqueous | 03/21/2017 09:35 | 03/28/2017 15:00 |
| Cafeteria | L170444-07 | Aqueous | 03/21/2017 11:45 | 03/28/2017 15:00 |
| FR_31 Kitchen Rm 125 | L170444-08 | Aqueous | 03/21/2017 11:50 | 03/28/2017 15:00 |
| Science OF74 | L170444-09 | Aqueous | 03/21/2017 12:20 | 03/28/2017 15:00 |
| Science Bldg | L170444-10 | Aqueous | 03/21/2017 12:25 | 03/28/2017 15:00 |
| Main Bldg | L170444-11 | Aqueous | 03/21/2017 13:00 | 03/28/2017 15:00 |
| Nurse Office | L170444-12 | Aqueous | 03/21/2017 13:00 | 03/28/2017 15:00 |
| Main bubbler | L170444-13 | Aqueous | 03/21/2017 13:00 | 03/28/2017 15:00 |
| Main | L170444-14 | Aqueous | 03/21/2017 13:00 | 03/28/2017 15:00 |
| Shop West | L170444-15 | Aqueous | 03/21/2017 13:00 | 03/28/2017 15:00 |
| Shop East | L170444-16 | Aqueous | 03/21/2017 13:00 | 03/28/2017 15:00 |
| East New Wing | L170444-17 | Aqueous | 03/21/2017 09:15 | 03/28/2017 15:00 |
| Main | L170444-18 | Aqueous | 03/21/2017 07:23 | 03/28/2017 15:00 |
| FR_105B Nurse Office Rm 105 | L170444-19 | Aqueous | 03/21/2017 07:25 | 03/28/2017 15:00 |

Tucson Water Quality Laboratory



Michael E. Dew, Lab Manager

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 (520) 837-2455

Arizona Department of Environmental Quality
 1110 West Washington Street
 Phoenix AZ, 85007

Project: Public School Lead Screening Program
 Project Number: P01210
 Project Manager: Water Quality Compliance 5415B-1

Reported:
 04/26/2017 10:49

Main drinking fountain
L170444-01 (Aqueous)

Sampled:
 03/21/2017 8:25

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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 4401 S. Tucson Estates Pkwy.
 Tucson, AZ 85735
 (520) 837-2455

| | | |
|---|--|--------------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

Main
L170444-02 (Aqueous)

Sampled:
03/21/2017 8:30

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71804 | 04/17/2017 | 04/18/2017 | EPA 200.8 |

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| | | |
|---|--|--------------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

Library
L170444-03 (Aqueous)

Sampled:
03/21/2017 8:40

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|-------------|----------------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | 0.00128 | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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| | | |
|---|--|--------------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

Activity Center
L170444-04 (Aqueous)

Sampled:
03/21/2017 9:50

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| | | | | | | | | | |
|------|----|---------|------|---|---------|------------|------------|-----------|--|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 | |
|------|----|---------|------|---|---------|------------|------------|-----------|--|

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Arizona Department of Environmental Quality
 1110 West Washington Street
 Phoenix AZ, 85007

Project: Public School Lead Screening Program
 Project Number: P01210
 Project Manager: Water Quality Compliance 5415B-1

Reported:
 04/26/2017 10:49

New Wing
L170444-05 (Aqueous)

Sampled:
 03/21/2017 9:50

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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| | | |
|---|--|--------------------------------------|
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|---|--|--------------------------------------|

FR_301 Classroom RM B22
L170444-06 (Aqueous)

Sampled:
03/21/2017 9:35

| Analyte | Result | Reporting | | | | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | Batch | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|---------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | 0.00979 | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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| | | |
|---|--|--------------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

Cafeteria
L170444-07 (Aqueous)

Sampled:
03/21/2017 11:45

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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| | | |
|---|--|--------------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

FR_31 Kitchen Rm 125
L170444-08 (Aqueous)

Sampled:
03/21/2017 11:50

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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Arizona Department of Environmental Quality
 1110 West Washington Street
 Phoenix AZ, 85007

Project: Public School Lead Screening Program
 Project Number: P01210
 Project Manager: Water Quality Compliance 5415B-1

Reported:
 04/26/2017 10:49

Science OF74
L170444-09 (Aqueous)

Sampled:
 03/21/2017 12:20

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|-------------|----------------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | 0.00178 | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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| | | |
|---|--|--------------------------------------|
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|---|--|--------------------------------------|

Science Bldg
L170444-10 (Aqueous)

Sampled:
03/21/2017 12:25

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|-------------|----------------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | 0.00185 | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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 Tucson, AZ 85735
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Arizona Department of Environmental Quality
 1110 West Washington Street
 Phoenix AZ, 85007

Project: Public School Lead Screening Program
 Project Number: P01210
 Project Manager: Water Quality Compliance 5415B-1

Reported:
 04/26/2017 10:49

Main Bldg
L170444-11 (Aqueous)

Sampled:
 03/21/2017 13:00

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| | | | | | | | | | |
|------|----|---------|------|---|---------|------------|------------|-----------|--|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 | |
|------|----|---------|------|---|---------|------------|------------|-----------|--|

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| | | |
|---|--|--------------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

Nurse Office
L170444-12 (Aqueous)

Sampled:
03/21/2017 13:00

| Analyte | Result | Reporting | | | | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | Batch | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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| | | |
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| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

Main bubbler
L170444-13 (Aqueous)

Sampled:
03/21/2017 13:00

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|-------------|----------------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | 0.00107 | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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| | | |
|---|--|--------------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

Main
L170444-14 (Aqueous)

Sampled:
03/21/2017 13:00

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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| | | |
|---|--|--------------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

Shop West
L170444-15 (Aqueous)

Sampled:
03/21/2017 13:00

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|-------------|----------------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | 0.00107 | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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|---|--|--------------------------------------|

Shop East
L170444-16 (Aqueous)

Sampled:
03/21/2017 13:00

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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|---|--|--------------------------------------|

East New Wing
L170444-17 (Aqueous)

Sampled:
03/21/2017 9:15

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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|---|--|--------------------------------------|

Main
L170444-18 (Aqueous)

Sampled:
03/21/2017 7:23

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| Analyte | Result | Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|---------|-------|----------|---------|------------|------------|-----------|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 |

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 Phoenix AZ, 85007

Project: Public School Lead Screening Program
 Project Number: P01210
 Project Manager: Water Quality Compliance 5415B-1

Reported:
 04/26/2017 10:49

FR_105B Nurse Office Rm 105
L170444-19 (Aqueous)

Sampled:
 03/21/2017 7:25

| Analyte | Result | Reporting | | | | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------|-------|----------|--|-------|----------|----------|--------|-------|
| | | Limit | Units | Dilution | | | | | | |

Tucson Water Quality Laboratory

Total Metals by ICPMS

| | | | | | | | | | |
|------|----|---------|------|---|---------|------------|------------|-----------|--|
| LEAD | ND | 0.00100 | mg/L | 1 | BD71407 | 04/14/2017 | 04/14/2017 | EPA 200.8 | |
|------|----|---------|------|---|---------|------------|------------|-----------|--|

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|---|--|-------------------------------|
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|---|--|-------------------------------|

Total Metals by ICPMS - Quality Control
Tucson Water Quality Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|---------|---------------------------|-------|---------------------------------|---------------|------|-------------|-----|-----------|-------|
| Matrix Spike (BD71407-MS1) | | Source: L170433-01 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00974 | 0.00101 | mg/L | 0.0101 | 0.000554 | 90.9 | 70-130 | | | |
| Matrix Spike (BD71407-MS2) | | Source: L170433-11 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00919 | 0.00101 | mg/L | 0.0101 | 5.70E-5 | 90.4 | 70-130 | | | |
| Matrix Spike (BD71407-MS3) | | Source: L170435-04 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00916 | 0.00101 | mg/L | 0.0101 | 5.10E-5 | 90.2 | 70-130 | | | |
| Matrix Spike (BD71407-MS4) | | Source: L170435-14 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0139 | 0.00101 | mg/L | 0.0101 | 0.00471 | 91.4 | 70-130 | | | |
| Matrix Spike (BD71407-MS5) | | Source: L170428-07 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0121 | 0.00101 | mg/L | 0.0101 | 3.60E-5 | 120 | 70-130 | | | |

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Tucson Water Quality Lab
 4401 S. Tucson Estates Pkwy.
 Tucson, AZ 85735
 (520) 837-2455

| | | |
|---|--|--------------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|--------------------------------------|

Total Metals by ICPMS - Quality Control
Tucson Water Quality Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|---------|---------------------------|-------|---------------------------------|---------------|------|-------------|------|-----------|-------|
| Matrix Spike (BD71407-MS6) | | Source: L170431-01 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00976 | 0.00101 | mg/L | 0.0101 | 0.000433 | 92.3 | 70-130 | | | |
| Matrix Spike (BD71407-MS7) | | Source: L170431-11 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0120 | 0.00101 | mg/L | 0.0101 | 0.00271 | 91.6 | 70-130 | | | |
| Matrix Spike (BD71407-MS8) | | Source: L170444-03 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0108 | 0.00101 | mg/L | 0.0101 | 0.00128 | 94.7 | 70-130 | | | |
| Matrix Spike (BD71407-MS9) | | Source: L170444-13 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0106 | 0.00101 | mg/L | 0.0101 | 0.00107 | 94.7 | 70-130 | | | |
| Matrix Spike Dup (BD71407-MSD1) | | Source: L170433-01 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00998 | 0.00101 | mg/L | 0.0101 | 0.000554 | 93.4 | 70-130 | 2.49 | 10 | |

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| | | |
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| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|-------------------------------|

Total Metals by ICPMS - Quality Control
Tucson Water Quality Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|---------|---------------------------|-------|---------------------------------|---------------|------|-------------|-------|-----------|-------|
| Matrix Spike Dup (BD71407-MSD2) | | Source: L170433-11 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00916 | 0.00101 | mg/L | 0.0101 | 5.70E-5 | 90.2 | 70-130 | 0.308 | 10 | |
| Matrix Spike Dup (BD71407-MSD3) | | Source: L170435-04 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00914 | 0.00101 | mg/L | 0.0101 | 5.10E-5 | 90.0 | 70-130 | 0.243 | 10 | |
| Matrix Spike Dup (BD71407-MSD4) | | Source: L170435-14 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0139 | 0.00101 | mg/L | 0.0101 | 0.00471 | 90.8 | 70-130 | 0.429 | 10 | |
| Matrix Spike Dup (BD71407-MSD5) | | Source: L170428-07 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0122 | 0.00101 | mg/L | 0.0101 | 3.60E-5 | 121 | 70-130 | 0.581 | 10 | |
| Matrix Spike Dup (BD71407-MSD6) | | Source: L170431-01 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00973 | 0.00101 | mg/L | 0.0101 | 0.000433 | 92.0 | 70-130 | 0.290 | 10 | |

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| | | |
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| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|-------------------------------|

Total Metals by ICPMS - Quality Control
Tucson Water Quality Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|---------|---|-------|---------------------------------|---------------|------|-------------|-------|-----------|-------|
| Matrix Spike Dup (BD71407-MSD7) | | Source: L170431-11 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0119 | 0.00101 | mg/L | 0.0101 | 0.00271 | 90.9 | 70-130 | 0.576 | 10 | |
| Matrix Spike Dup (BD71407-MSD8) | | Source: L170444-03 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0109 | 0.00101 | mg/L | 0.0101 | 0.00128 | 95.0 | 70-130 | 0.316 | 10 | |
| Matrix Spike Dup (BD71407-MSD9) | | Source: L170444-13 | | Prepared & Analyzed: 04/14/2017 | | | | | | |
| Batch BD71407 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.0107 | 0.00101 | mg/L | 0.0101 | 0.00107 | 94.9 | 70-130 | 0.209 | 10 | |
| Blank (BD71804-BLK1) | | Prepared: 04/17/2017 Analyzed: 04/18/2017 | | | | | | | | |
| Batch BD71804 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | ND | 0.00100 | mg/L | | | | | | | |
| LCS (BD71804-BS1) | | Prepared: 04/17/2017 Analyzed: 04/18/2017 | | | | | | | | |
| Batch BD71804 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00955 | 0.00100 | mg/L | 0.0100 | | 95.5 | 85-115 | | | |

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| | | |
|---|--|-------------------------------|
| Arizona Department of Environmental Quality 1110 West Washington Street Phoenix AZ, 85007 | Project: Public School Lead Screening Program Project Number: P01210 Project Manager: Water Quality Compliance 5415B-1 | Reported: 04/26/2017 10:49 |
|---|--|-------------------------------|

Total Metals by ICPMS - Quality Control
Tucson Water Quality Laboratory

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|---------|---------------------------|-------|---|---------------|------|-------------|--------|-----------|-------|
| Matrix Spike (BD71804-MS1) | | Source: L170418-01 | | Prepared: 04/17/2017 Analyzed: 04/18/2017 | | | | | | |
| Batch BD71804 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00938 | 0.00100 | mg/L | 0.0100 | 0.000226 | 91.5 | 70-130 | | | |
| Matrix Spike Dup (BD71804-MSD1) | | Source: L170418-01 | | Prepared: 04/17/2017 Analyzed: 04/18/2017 | | | | | | |
| Batch BD71804 - EPA 200.7/200.8 | | | | | | | | | | |
| LEAD | 0.00937 | 0.00100 | mg/L | 0.0100 | 0.000226 | 91.5 | 70-130 | 0.0640 | 10 | |

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(520) 837-2455

Arizona Department of Environmental Quality
1110 West Washington Street
Phoenix AZ, 85007

Project: Public School Lead Screening Program
Project Number: P01210
Project Manager: Water Quality Compliance 5415B-1

Reported:
04/26/2017 10:49

Certified Analyses included in this Report

| Analyte | Certifications |
|---------|----------------|
|---------|----------------|

| Code | Description | Number | Expires |
|------|-------------|--------|---------|
|------|-------------|--------|---------|

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.

Tucson Water Quality Lab
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Tucson, AZ 85735
(520) 837-2455

Arizona Department of Environmental Quality
1110 West Washington Street
Phoenix AZ, 85007

Project: Public School Lead Screening Program
Project Number: P01210
Project Manager: Water Quality Compliance 5415B-1

Reported:
04/26/2017 10:49

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

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.

Items for Project Manager Review

| LabNumber | Analysis | Analyte | Exception |
|-----------|----------|---------|-----------|
|-----------|----------|---------|-----------|

TUCSON WATER CHAIN OF CUSTODY

LOGIN ID: 6170444
 CLIENT: ADEQ
 PROJECT NAME/FREQUENCY:
 Public School Lead Screening Program
 PROJECT #: P01210
 SAMPLING DATE:
 03-21-2017
 SAMPLED BY:
 print full name
 Hanley Matthew
 signature

| NUMBER OF CONTAINERS | PRESERVATIVE | (Pb (2008)) | (Pb (2008) added in lab) | COMPLIANCE (Y/N) | PROPERTY NAME | ADDRESS | PROPERTY TYPE | COMMENTS |
|----------------------|--------------|-------------|--------------------------|------------------|---------------|---------|---------------|----------|
|----------------------|--------------|-------------|--------------------------|------------------|---------------|---------|---------------|----------|

| SAMPLE # | TIME | LOCATION | SITE | NUMBER OF CONTAINERS | PRESERVATIVE | (Pb (2008)) | (Pb (2008) added in lab) | COMPLIANCE (Y/N) | PROPERTY NAME | ADDRESS | PROPERTY TYPE | COMMENTS |
|----------|-------|--|-------------------------|----------------------|--------------|-------------|--------------------------|------------------|---------------|---------------------|-----------------|---------------------------|
| -01 | 08:25 | FR 318 Activity Room ^{Main} Drinking fountain | Blenman Activity Center | 1 | X | | N | | BLENMAN ES | 1695 N COUNTRY CLUB | School District | 01 drinking fountain main |
| -02 | 08:30 | General ^{MAIN} | Blenman Library | 1 | X | | N | | BLENMAN ES | 1695 N COUNTRY CLUB | School District | 02 sink |
| -03 | 08:40 | FR 1 Entry Main Corridor ^{Library} | Blenman Main | 1 | X | | N | | BLENMAN ES | 1695 N COUNTRY CLUB | School District | 03 library sink |
| -04 | 09:50 | FR 76 Nurse RM 26 ^{Activity Center} | Blenman Main | 1 | X | | N | | BLENMAN ES | 1695 N COUNTRY CLUB | School District | 04 drinking fountain |
| -05 | 09:50 | FR 344 Boys Restroom ^{New Wing} RM B21 | Blenman New Wing | 1 | X | | N | | BLENMAN ES | 1695 N COUNTRY CLUB | School District | 05 bubbler, boys RR |
| -06 | 09:35 | FR 301 Classroom RM B22 | Blenman New Wing | 1 | X | | N | | BLENMAN ES | 1695 N COUNTRY CLUB | School District | 06 bubbler |
| -07 | 11:45 | FR 46 Entry ^{cafeteria} | Doolen Cafeteria | 1 | X | | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | 01 drinking fountain |
| -08 | 11:50 | FR 31 Kitchen Rm 125 | Doolen Cafeteria | 1 | X | | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | 02 kitchen sink |
| -09 | 12:20 | FR A104 Classroom Rm 104 ^{Science OF 74} | Doolen East | 1 | X | | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | 03 bubbler |
| -10 | 12:25 | FR 142 Classroom Rm 9 ^{Science Bldg} | Doolen Main | 1 | X | | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | 04 bubbler |
| -11 | 13:00 | FR 215 Nurse Office Rm 23 ^{main building} | Doolen Main | 1 | X | | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | 05 drinking fountain #142 |
| -12 | 13:00 | FR 194A Mechanical Room Rm 24 ^{Nurse office} | Doolen Main | 1 | X | | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | 06 sink |
| -13 | 13:00 | FR 203 Classroom Rm 29 ^{main bubbler} | Doolen Main | 1 | X | | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | 07 bubbler df #194 |
| -14 | 13:00 | FR 74 Classroom Rm 54 ^{main} | Doolen Science | 1 | X | | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | 08 bubbler |
| -15 | 13:00 | FR 83 Classroom Rm 68 ^{shop west} | Doolen Science | 1 | X | | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | 09 bubbler |

COMMENTS: CONTACT: TINA COOK 225-4673

| RELINQUISHED BY: | SIGNATURE | DATE/TIME | RECEIVED BY: | SIGNATURE | DATE/TIME |
|------------------|-----------|----------------|--------------|-----------|----------------|
| RELINQUISHED BY: | | 03-28-17 14:54 | RECEIVED BY: | | 03-28-17 13:08 |
| RELINQUISHED BY: | | | RECEIVED BY: | | 03/28/17 1500 |

23.4°C

TUCSON WATER CHAIN OF CUSTODY

LOGIN ID: L170444

CLIENT: ADEQ

PROJECT NAME/FREQUENCY:
Public School Lead Screening Program

PROJECT #: P01210

SAMPLING DATE:
03-21-2017

SAMPLED BY:
print full name
Hanley Matthew

signature
03-28-17

| SAMPLE # | TIME | LOCATION | SITE | PRESERVATIVE | NUMBER OF CONTAINERS | CPMS Pb (200.8) | (HNCB added in lab) | COMPLIANCE (Y/N) | PROPERTY NAME | ADDRESS | PROPERTY TYPE | COMMENTS |
|--------------|--------------|---|-------------|--------------|----------------------|-----------------|---------------------|------------------|---------------|---------------------|-----------------|------------------------------------|
| | | | | | | | | | | | | |
| <u>16-01</u> | <u>13:00</u> | <u>FR 164 Classroom Rm 37 Shop East</u> | Doolen Shop | | 1 | X | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | <u>10</u> <u>bubbler</u> |
| <u>17-02</u> | <u>09:15</u> | <u>FR 153 Storage Rm 30E EAST NEW Wing</u> | Doolen Shop | | 1 | X | N | | DOOLEN MS | 2400 N COUNTRY CLUB | School District | <u>11</u> <u>drinking fountain</u> |
| <u>18-03</u> | <u>07:23</u> | <u>Hallway Main West Hall By Nurse's Office</u> | Hughes Main | | 1 | X | N | | HUGHES ES | 700 N WILSON | School District | <u>01</u> <u>drinking fountain</u> |
| <u>19-04</u> | <u>07:25</u> | <u>FR 105B Nurse Office Rm 105</u> | Hughes Main | | 1 | X | N | | HUGHES ES | 700 N WILSON | School District | <u>02</u> <u>drinking fountain</u> |
| -05 | | | | | | | | | | | | |
| -06 | | | | | | | | | | | | |
| -07 | | | | | | | | | | | | |
| -08 | | | | | | | | | | | | |
| -09 | | | | | | | | | | | | |
| -10 | | | | | | | | | | | | |
| -11 | | | | | | | | | | | | |
| -12 | | | | | | | | | | | | |
| -13 | | | | | | | | | | | | |
| -14 | | | | | | | | | | | | |
| -15 | | | | | | | | | | | | |

COMMENTS: CONTACT: TINA COOK 225-4673

| SIGNATURE | DATE/TIME | SIGNATURE | DATE/TIME |
|--------------------|-----------------------|--------------------|-----------------------|
| <u>[Signature]</u> | <u>03-28-17 14:54</u> | <u>[Signature]</u> | <u>03-28-17 13:08</u> |
| | | | <u>03/28/17 1500</u> |

23.4°C