



# NEILSON RESEARCH CORPORATION

*Environmental Testing Laboratory*

8/3/2016

Rick Rose  
Medford School District  
815 S Oakdale Ave  
Medford, OR 97501  
TEL: (541) 842-1138  
FAX 541-842-1160

RE: 16-24 Jackson Elem Lead Study

Order No.: 1607A21

Dear Rick Rose:

Neilson Research Corporation received 5 sample(s) on 7/22/2016 for the analyses presented in the following report.

The results relate only to the parameters tested or to the sample as received by the laboratory. This report shall not be reproduced except in full, without the written approval of Neilson Research Corporation. If you have any questions regarding these test results, please feel free to call.

Sincerely,  
Neilson Research Corporation

Alec C Smith  
Project Manager

# Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

## Analysis Report

ORELAP 100016  
EPA OR00028

**CLIENT:** Medford School District  
**Project:** 16-24 Jackson Elem Lead Study  
**Lab Order:** 1607A21

**Date:** 03-Aug-16

## CASE NARRATIVE

The analyses were performed according to the guidelines in the Neilson Research Corporation Quality Assurance Program. This report contains analytical results for the sample(s) as received by the laboratory.

Neilson Research Corporation certifies that this report is in compliance with the requirements of NELAP. No unusual difficulties were experienced during analysis of this batch except as noted below or qualified with data flags on the reports.

# Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

## Analysis Report

ORELAP 100016  
EPA OR00028

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: **1607A21**  
NRC Sample ID: **1607A21-01A**  
Collection Date: **7/22/2016 3:50:00 AM**  
Received Date: **7/22/2016 4:37:00 PM**  
Reported Date: **8/3/2016 7:46:56 AM**

### Sample Information:

16-24 Jackson Elem Lead Study

Client Sample ID: Bottle #19469  
Collectors Name: John Jessen  
Sample Location: Kitchen Food Prep Sink  
Source: City Water

## ANALYTICAL RESULTS

| Analyses | Method    | NELAP Accredited | Result  | Qual | MRL      | Units | EPA Limit | Date Analyzed | Analyst |
|----------|-----------|------------------|---------|------|----------|-------|-----------|---------------|---------|
| Lead     | EPA 200.8 | A                | 0.00215 |      | 0.000103 | mg/L  | 0.020 AL  | 7/29/2016     | OML     |

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

## Analysis Report

ORELAP 100016  
EPA OR00028

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: **1607A21**  
NRC Sample ID: **1607A21-02A**  
Collection Date: **7/22/2016 3:52:00 AM**  
Received Date: **7/22/2016 4:37:00 PM**  
Reported Date: **8/3/2016 7:46:56 AM**

### Sample Information:

16-24 Jackson Elem Lead Study

Client Sample ID: Bottle #12870  
Collectors Name: John Jessen  
Sample Location: La Clinica Exam Rm 1 Sink  
Source: City Water

## ANALYTICAL RESULTS

| Analyses | Method    | NELAP Accredited | Result          | Qual | MRL      | Units | EPA Limit | Date Analyzed | Analyst |
|----------|-----------|------------------|-----------------|------|----------|-------|-----------|---------------|---------|
| Lead     | EPA 200.8 | A                | <b>0.000984</b> |      | 0.000103 | mg/L  | 0.020 AL  | 7/29/2016     | OML     |

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

## Analysis Report

ORELAP 100016  
EPA OR00028

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: **1607A21**  
NRC Sample ID: **1607A21-03A**  
Collection Date: **7/22/2016 3:54:00 AM**  
Received Date: **7/22/2016 4:37:00 PM**  
Reported Date: **8/3/2016 7:46:56 AM**

### Sample Information:

16-24 Jackson Elem Lead Study

Client Sample ID: Bottle #17087  
Collectors Name: John Jessen  
Sample Location: La Clinica Exam Rm 2 Sink  
Source: City Water

## ANALYTICAL RESULTS

| Analyses | Method    | NELAP Accredited | Result          | Qual | MRL      | Units | EPA Limit | Date Analyzed | Analyst |
|----------|-----------|------------------|-----------------|------|----------|-------|-----------|---------------|---------|
| Lead     | EPA 200.8 | A                | <b>0.000937</b> |      | 0.000103 | mg/L  | 0.020 AL  | 7/29/2016     | OML     |

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

## Analysis Report

ORELAP 100016  
EPA OR00028

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: **1607A21**  
NRC Sample ID: **1607A21-04A**  
Collection Date: **7/22/2016 3:56:00 AM**  
Received Date: **7/22/2016 4:37:00 PM**  
Reported Date: **8/3/2016 7:46:56 AM**

### Sample Information:

16-24 Jackson Elem Lead Study

Client Sample ID: Bottle #12905  
Collectors Name: John Jessen  
Sample Location: La Clinica Brk Room Sink  
Source: City Water

## ANALYTICAL RESULTS

| Analyses | Method    | NELAP Accredited | Result          | Qual | MRL      | Units | EPA Limit | Date Analyzed | Analyst |
|----------|-----------|------------------|-----------------|------|----------|-------|-----------|---------------|---------|
| Lead     | EPA 200.8 | A                | <b>0.000417</b> |      | 0.000103 | mg/L  | 0.020 AL  | 7/29/2016     | OML     |

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

245 South Grape Street, Medford, Oregon 97501 541-770-5678 Fax 541-770-2901

## Analysis Report

ORELAP 100016  
EPA OR00028

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: **1607A21**  
NRC Sample ID: **1607A21-05A**  
Collection Date: **7/22/2016 3:57:00 AM**  
Received Date: **7/22/2016 4:37:00 PM**  
Reported Date: **8/3/2016 7:46:56 AM**

### Sample Information:

16-24 Jackson Elem Lead Study

Client Sample ID: Bottle #19477  
Collectors Name: John Jessen  
Sample Location: La Clinica Office Sink  
Source: City Water

## ANALYTICAL RESULTS

| Analyses | Method    | NELAP Accredited | Result  | Qual | MRL      | Units | EPA Limit | Date Analyzed | Analyst |
|----------|-----------|------------------|---------|------|----------|-------|-----------|---------------|---------|
| Lead     | EPA 200.8 | A                | 0.00149 |      | 0.000103 | mg/L  | 0.020 AL  | 7/29/2016     | OML     |

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

**CLIENT:** Medford School District  
**Work Order:** 1607A21  
**Project:** 16-24 Jackson Elem Lead Study

**ANALYTICAL QC SUMMARY REPORT**

**TestCode: ICPMS\_200.8\_SCHOOL**

|                           |                        |                              |                    |                                 |                       |          |           |             |      |          |      |
|---------------------------|------------------------|------------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID <b>MB-35973</b> | SampType: <b>MBLK</b>  | TestCode: <b>ICPMS_200.8</b> | Units: <b>mg/L</b> | Prep Date: <b>7/26/2016</b>     | RunNo: <b>88839</b>   |          |           |             |      |          |      |
| Client ID: <b>ZZZZZ</b>   | Batch ID: <b>35973</b> | TestNo: <b>EPA 200.8</b>     | <b>(EPA 200.8)</b> | Analysis Date: <b>7/29/2016</b> | SeqNo: <b>1334704</b> |          |           |             |      |          |      |
| Analyte                   | Result                 | MRL                          | SPK value          | SPK Ref Val                     | %REC                  | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Lead ND 0.000103

|                            |                        |                              |                    |                                 |                       |          |           |             |      |          |      |
|----------------------------|------------------------|------------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID <b>LCS-35973</b> | SampType: <b>LCS</b>   | TestCode: <b>ICPMS_200.8</b> | Units: <b>mg/L</b> | Prep Date: <b>7/26/2016</b>     | RunNo: <b>88839</b>   |          |           |             |      |          |      |
| Client ID: <b>ZZZZZ</b>    | Batch ID: <b>35973</b> | TestNo: <b>EPA 200.8</b>     | <b>(EPA 200.8)</b> | Analysis Date: <b>7/29/2016</b> | SeqNo: <b>1334705</b> |          |           |             |      |          |      |
| Analyte                    | Result                 | MRL                          | SPK value          | SPK Ref Val                     | %REC                  | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Lead 0.09700 0.000104 0.1 0 97.0 85 115

|                                |                        |                              |                    |                                 |                       |          |           |             |      |          |      |
|--------------------------------|------------------------|------------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID <b>1607A24-05AMS</b> | SampType: <b>MS</b>    | TestCode: <b>ICPMS_200.8</b> | Units: <b>mg/L</b> | Prep Date: <b>7/26/2016</b>     | RunNo: <b>88839</b>   |          |           |             |      |          |      |
| Client ID: <b>ZZZZZ</b>        | Batch ID: <b>35973</b> | TestNo: <b>EPA 200.8</b>     | <b>(EPA 200.8)</b> | Analysis Date: <b>7/29/2016</b> | SeqNo: <b>1334728</b> |          |           |             |      |          |      |
| Analyte                        | Result                 | MRL                          | SPK value          | SPK Ref Val                     | %REC                  | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Lead 0.1101 0.000104 0.1 0.01581 94.3 70 130

|                                 |                        |                              |                    |                                 |                       |          |           |             |      |          |      |
|---------------------------------|------------------------|------------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID <b>1607A24-05AMSD</b> | SampType: <b>MSD</b>   | TestCode: <b>ICPMS_200.8</b> | Units: <b>mg/L</b> | Prep Date: <b>7/26/2016</b>     | RunNo: <b>88839</b>   |          |           |             |      |          |      |
| Client ID: <b>ZZZZZ</b>         | Batch ID: <b>35973</b> | TestNo: <b>EPA 200.8</b>     | <b>(EPA 200.8)</b> | Analysis Date: <b>7/29/2016</b> | SeqNo: <b>1334729</b> |          |           |             |      |          |      |
| Analyte                         | Result                 | MRL                          | SPK value          | SPK Ref Val                     | %REC                  | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Lead 0.1115 0.000104 0.1 0.01581 95.7 70 130 0.1101 1.22 20

**Qualifiers:** E Value above quantitation range H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
 ND Not Detected at the Minimum Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits





Environmental Testing Laboratory  
 245 South Grange Street • Medford, OR 97501  
 (541) 770-5678 Fax (541) 770-2901

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

# Chain of Custody Record

Page \_\_\_ of \_\_\_

## Section A Required Client Information

Company: Medford School District 549C  
 Address: 815 S. Oakdale,  
 Medford, Or, 97501  
 Email: rick.rose@medford.k12.or.us  
 Phone: 541.842.1138 Fax: 541.842.1160  
 Collected By (Print): John Jessen  
 Collected By (Sign): [Signature]  
 Email Report  Yes  No Mail Report  Yes  No  
 Fax Report  Yes  No

## Section B Required Project Information

Project Name: 2016 Lead Testing  
 Project Number: 16-24 / Jackson  
 Report To: rick.rose@medford.k12.or.us  
 Copy To: ron.havniar@medford.k12.or.us  
 Attention: Accounting  
 Company Name: Medford School  
 Address: 815 S. Oakdale  
 Medford, Or, 97501  
 P.O. # P112894

## Section C Invoice Information

Standard 10-14 Days  
 5 Business Days (50% surcharge)  
 3 Business Days (75% surcharge)  
 24 - 48 hours (100% surcharge)  
 Other \_\_\_\_\_  
 Authorized  Yes  No

## Section D Rush Status (Subject to Scheduling)

Matrix# 8316

## Section E Sample Information

| Sample ID                | Comp/Grab | Matrix* | Date Collected | Time Collected | No. of Containers | Analysis Requested | NRC Workorder # (Lab Use Only) | NRC Sample # (Lab Use Only) |
|--------------------------|-----------|---------|----------------|----------------|-------------------|--------------------|--------------------------------|-----------------------------|
| Kitchen Food Prep Sink   | 19469     |         | 7/22/16        | 3:50am         | 1                 |                    | 1607421                        | 01                          |
| La Clinca Exam Rm 1-Sink | 12870     |         | 7/22/16        | 3:52am         | 1                 |                    |                                | 02                          |
| La Clinca Exam Rm 2-Sink | 17087     |         | 7/22/16        | 3:54am         | 1                 |                    |                                | 03                          |
| La Clinca EST Rm-Sink    | 12905     |         | 7/22/16        | 3:56am         | 1                 |                    |                                | 04                          |
| La Clinca OFFICE-Sink    | 19477     |         | 7/22/16        | 3:57am         | 1                 |                    |                                | 05                          |

\*Matrix: DW - Drinking Water WW - Wastewater W - Water S - Soil/Solid SL - Sludge O - Oil WP - Wipe OT - Other

## Section F Relinquish/Receive

Relinquished By: [Signature] Sign John Jessen Print  
 Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_  
 Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_  
 Received By: Ronnie Noel Print Ronnie Noel Date 7/22/16 Time 4:37pm

## Section G Lab Use Only

Temp: RM  
 4°C +/- 2°C:  Yes  No  
 Received on Ice:  Yes  No  
 Number of Bottles Received: 5  
 pH Checked: \_\_\_\_\_  
 COC Seals Intact:  Yes  No  
 Field Blank Included:  Yes  No

Received Via  UPS  FedEx  Other  Hand  
 Payment:  Invoice  Cash  VISA, MC  Check # \_\_\_\_\_ Amount \_\_\_\_\_