



NEILSON RESEARCH CORPORATION

Environmental Testing Laboratory

3/13/2019

Ron Havnear
Medford School District
815 S Oakdale Ave
Medford, OR 97501

TEL: 541-842-3646

FAX 541-842-1160

RE: 18-38 Kennedy 2019 Lead Testing

Order No.: 1903231

Dear Ron Havnear:

Neilson Research Corporation received 2 sample(s) on 3/7/2019 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

Tamra R. Schmedemann
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: 18-38 Kennedy 2019 Lead Testing
Lab Order: 1903231

Date: 13-Mar-19

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.

The EPA recommended action level for lead in schools is 0.015 mg/L.

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: 1903231

Received Date: 3/7/2019 8:50:00 AM

Reported Date: 3/13/2019 10:22:52 AM

Sample Information: 18-38 Kennedy 2019 Lead Testing

Lab ID: 1903231-01

Collection Date: 3/7/2019 6:34:00 AM

Matrix: DRINKING WATER

Client Sample ID: Room 4-Sink

Source

Sample Location: Room 4-Sink

Trace Metals by EPA 200.8 ICP-MS

| Analyses | Result | Qual | MRL | Units | Dilution Factor | Analyst: JWC Date Analyzed | NELAP Accredited |
|----------|---------|------|--------|-------|-----------------|-------------------------------|------------------|
| Lead | 0.00230 | | 0.0001 | mg/L | 1 | 3/8/2019 | A |

Lab ID: 1903231-02

Collection Date: 3/7/2019 6:36:00 AM

Matrix: DRINKING WATER

Client Sample ID: Room 5-Sink

Source

Sample Location: Room 5-Sink

Trace Metals by EPA 200.8 ICP-MS

| Analyses | Result | Qual | MRL | Units | Dilution Factor | Analyst: JWC Date Analyzed | NELAP Accredited |
|----------|---------|------|--------|-------|-----------------|-------------------------------|------------------|
| Lead | 0.00105 | | 0.0001 | mg/L | 1 | 3/8/2019 | A |

Qualifiers:

| | | | |
|---|---|----|--|
| * | Value exceeds Maximum Contaminant Level | B | Analyte detected in the associated Method Blank |
| 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 |
| S | Spike Recovery outside accepted recovery limits | | |

CLIENT: Medford School District
 Work Order: 1903231
 Project: 18-38 Kennedy 2019 Lead Testing

ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS_200.8_SCHOOL

| | | | | | | | | | | | | | | |
|------------|----------|-----------|-------|-----------|-------------|-------------|-------------|----------------|----------|-----------|-------------|------|----------|------|
| Sample ID | MB-43925 | SampType: | MBLK | TestCode: | ICPMS_200.8 | Units: | mg/L | Prep Date: | 3/8/2019 | RunNo: | 110642 | | | |
| Client ID: | ZZZZZ | Batch ID: | 43925 | TestNo: | EPA 200.8 | (EPA 200.8) | | Analysis Date: | 3/8/2019 | SeqNo: | 1694306 | | | |
| Analyte | | Result | | MRL | | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Lead ND 0.000100

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|------------|-----------|-----------|-------|-----------|-------------|-------------|-------------|----------------|----------|-----------|-------------|------|----------|------|
| Sample ID | LCS-43925 | SampType: | LCS | TestCode: | ICPMS_200.8 | Units: | mg/L | Prep Date: | 3/8/2019 | RunNo: | 110642 | | | |
| Client ID: | ZZZZZ | Batch ID: | 43925 | TestNo: | EPA 200.8 | (EPA 200.8) | | Analysis Date: | 3/8/2019 | SeqNo: | 1694307 | | | |
| Analyte | | Result | | MRL | | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Lead 0.09851 0.000100 0.1 0 98.5 85 115

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|------------|---------------|-----------|-------|-----------|-------------|-------------|-------------|----------------|----------|-----------|-------------|------|----------|------|
| Sample ID | 1903271-01AMS | SampType: | MS | TestCode: | ICPMS_200.8 | Units: | mg/L | Prep Date: | 3/8/2019 | RunNo: | 110642 | | | |
| Client ID: | ZZZZZ | Batch ID: | 43925 | TestNo: | EPA 200.8 | (EPA 200.8) | | Analysis Date: | 3/8/2019 | SeqNo: | 1694323 | | | |
| Analyte | | Result | | MRL | | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Lead 0.09931 0.000100 0.1 0.000338 99.0 70 130

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|------------|----------------|-----------|-------|-----------|-------------|-------------|-------------|----------------|----------|-----------|-------------|------|----------|------|
| Sample ID | 1903271-01AMSD | SampType: | MSD | TestCode: | ICPMS_200.8 | Units: | mg/L | Prep Date: | 3/8/2019 | RunNo: | 110642 | | | |
| Client ID: | ZZZZZ | Batch ID: | 43925 | TestNo: | EPA 200.8 | (EPA 200.8) | | Analysis Date: | 3/8/2019 | SeqNo: | 1694324 | | | |
| Analyte | | Result | | MRL | | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Lead 0.09740 0.000100 0.1 0.000338 97.1 70 130 0.09931 1.94 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 Grape Street * Medford, OR 97501
 (541) 770-5678 fax (541) 770-2901

Chain of Custody Record

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

| | | | | | | | |
|--|---|---|---------------------------------|----------------------------------|---|--|--|
| Section A Required Client Information | | Section B Required Project Information | | Section C Invoice Information | | Section D Rush Status (Subject to Scheduling) | |
| Company: | MSD 549C | Project Name: | 2019 Lead Testing | Attention: | Accounting | Standard 10-14 Days | |
| Address: | 815 South Oakdale Avenue Medford, OR 97501 | Project Number: | 18-38 Kennedy | Company Name: | Medford School District | 5 Business Days (50% surcharge) | |
| E-mail: | ron.havnear@medford.k12.or.us | Report To: | ron.havnear@medford.k12.or.us | Address: | 815 South Oakdale Avenue Medford, OR 97501 | 3 Business Days (75% surcharge) | |
| Phone: | 541-840-4315 Fax: | Copy To: | andy.chasteen@medford.k12.or.us | P.O. # | 61172 | 24 - 48 hours (100% surcharge) | |

Collected By (Print): _____

Collected By (Sign): _____

Mail Report Yes No Fax Report Yes No

| Sample Information | Sample ID | Bottle # | Matrix* | Date Collected | Time Collected | No. of Containers | Analysis Requested | NRC Workorder # (Lab Use Only) | NRC Sample # (Lab Use Only) | Authorized | Yes | No |
|--------------------|-----------|----------|---------|----------------|----------------|-------------------|--------------------|-----------------------------------|--------------------------------|------------|-----|----|
| Item 4- Sink | | 57242 | DW | 3/7/19 | 4:34 | 1 | | 903231 | | | | |
| Item 5- Sink | | 57258 | DW | 3/7/19 | 6:30 | 1 | | | | | | |
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| Section F | Matrix: | DW - Drinking Water | WW - Wastewater | W - Water | S - Soil/Solid | SL - Sludge | O - Oil | WP - Wipe | OT - Other |
|-----------|---------|---------------------|-----------------|-----------|----------------|-------------|---------|-----------|------------|
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Section G
Lab Use Only

Temp: AMB

4°C +/- 2°C: Yes ___ No ___

Received on ice: Yes ___ No ___

Number of Bottles Received: 2



pH Checked: ___

COC Seals Intact: Yes ___ No ___ NA ___

Field Blank Included: Yes ___ No ___

Received Via: Invoice Cash VISA M/C Check #

UPS ___ FedEX ___ Other Han ___

| Relinquished/Receive | Sign | Print | Date | Time |
|--|-------------------|-------|---------------|-------------|
| Relinquished By:  | <u>Mike Witek</u> | | <u>3/7/19</u> | <u>8:50</u> |
| Relinquished By:  | <u>Naomi Orr</u> | | <u>3/7/19</u> | <u>8:50</u> |

**NEILSON RESEARCH CORPORATION (NRC)
STANDARD TERMS AND CONDITIONS**

Businesses otherwise agreed in a formal contract, services provided by NRC are expressly limited to the terms and conditions stated herein.

Confidentiality: Strict confidentiality is maintained in all of our dealings with clients. Confidentiality agreements, therefore, are signed willingly. In any instance where information is subpoenaed and must be disclosed to a regulatory or legal body, the client is promptly notified. Likewise, the client agrees to respect all such relationships of trust. Client agrees not to use NRC's name and/or data in any manner which might cause harm to the company's reputation and/or business.

Payment Terms: Payment in advance is required for all clients except those whose credit has been established with our company. For clients with NRC-approved credit, payment terms are net balance due 30 days from the date of invoice, after which time a 1% per month late charge is added to all unpaid balances. NRC has the right to ask for payment in advance if the established payment terms are not adhered to. In the event of default in payment for services rendered, the client is responsible for reasonable collection charges including any court costs and attorney's fees incurred by NRC.

Billing: All fees are charged or billed directly to the client. The billing of a third party is not accepted without a signed statement in which the third party acknowledges and accepts payment responsibility. (Note: NRC is responsible for re-collecting samples whose holding times have been exceeded due to late or unauthorized requests for third-party billing). It is necessary for us to assume that the paperwork submitted in a sample describes the testing protocol desired. Any changes to this protocol must be submitted to NRC in writing. However, if changes are made after the originally requested testing is initiated or has been completed, the client must accept payment responsibility. We cannot be responsible for holding times that are exceeded due to such changes. Please send all requests for changes marked: "Client Service—URGENT" or fax number is (541) 770-2901.

Discounts: Economy-of-scale discounts are available and are determined by the number of samples and the nature and spectrum of the requested analyses. For established clients, discount rates are reevaluated annually, and a new rate is applied to future invoices based upon the previous year's volume of work, type of analyses, ease of scheduling, and work continuity. For clients with intermittent analytical needs, discounts may be extended based upon the quantity of work submitted at one time (\$1000-\$4900 = 5/10 net 30, 5000+ = 10/10 net 30). All discounts are contingent upon meeting payment terms. NRC reserves the right to apply discounts on late payments. No discounts apply to services provided by hourly rate, supplies, equipment, subcontractors, etc.

Analysis: A surcharge is added to the list fee if rapid turnaround time (TAT) is requested. The surcharge for rush TAT will be List x 1.5 for 5-day TAT, List x 1.75 for 3-day TAT, List x 2 for 1-2 business days, and List x 3 for weekends and holidays. Standard TAT is 10 working days. Rush analysis service is contingent upon laboratory workload and must be prearranged with NRC. However, any sample delivered after 3:00 p.m. will not be entered in to our rush analyses handling system until the next business day.

Warranty and Limits of Liability: In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. We disclaim any other warranties, expressed or implied, including a Warranty of Fitness for Particular Purpose and Warranty of Merchantability. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by the company which includes any condition that varies from this Standard Terms and Conditions, and NRC hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Retention of Samples: After the analytical results have been reported to the address indicated on the reverse of this form, samples are routinely retained in our storage facilities according to the following schedule. Hazardous samples will be picked up by the client or returned to the client immediately after analysis. Prior arrangements must be made if samples are to be held for periods longer than those indicated. NRC may charge a monthly fee for long-term storage. Unrefrigerated long-term storage is available at \$10.00 per sample per month.

Sample type
Hazardous None
All other samples

Retention Time
(Client deliver and pick up)
1 month

(Note: Water tested for Total Coliforms is discarded immediately after the analysis)

Retention of Reports: After analytical results have been reported to the client, NRC shall retain copies of such analytical reports for a minimum of five years. If a client requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

Sample Containers/Sample Collection: We will provide and ship the appropriate sample containers to our clients to return to NRC for analysis, at no charge, via non-priority shipping status. Clients requesting overnight or rush delivery of sample containers will be invoiced for the associated charges. NRC personnel are available for the on-site collection of samples and can explain sample collection procedures and techniques to clients. It is the responsibility of the client to ensure proper sampling and to bear the cost of delivering samples to the laboratory under the proper storage/preservation conditions. We cannot be held responsible for sample integrity unless the sampling has been performed by a member of our staff.

Analytical Service Orders: Requests for analytical services may be made by telephone, fax, or in writing. The client must confirm all requests for services in writing. We cannot be responsible for holding times that are exceeded for samples delivered on weekends or after 5:00 p.m. on weekdays if delivery is made without prior notification and approval. NRC reserves the right to refuse to proceed with an analytical request if the client fails to provide acceptable written analytical request or to establish a customer credit agreement.

Prior to submission of environmental samples, the client should develop an appropriate QA/QC plan. This plan should detail: