

November 14, 2019

Andy Chasteen Medford School District 815 S Oakdale Ave Medford, OR 97501 TEL: 541-842-3646 FAX: 541-842-1160

RE: 18-00 Central 2019 Lead Testing

Order No.: 19110372

Dear Andy Chasteen:

Neilson Research Corporation received 5 sample(s) on 11/8/2019 for the analyses presented in the following report.

Neilson Research Corporation

Website: www.nrclabs.com

TEL: (541) 770-5678 FAX: (541) 770-2901

245 S Grape St Medford, OR 97501

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

Taming Schmedeman

Tamra Schmedemann Senior Project Manager 245 S Grape St Medford, OR 97501



Case Narrative

WO#: **19110372** Date: **11/14/2019**

CLIENT: Medford School District Project: 18-00 Central 2019 Lead Testing

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.



Analytical Report

 WO#:
 19110372

 Date Reported:
 11/14/2019

Medford School District 815 S Oakdale Ave Medford , OR 97501

Sample Information:

Lab Order: 19110372 Received Date: 11/8/2019 10:22:00 AM Reported Date: 11/14/2019 2:44:12 PM

| Lab ID: | 19110372-01 | | Clien | t Sample ID: | Rm 2 | 88-Sinł | x (5) | | |
|--------------------|---------------------------|----|-------|---------------|-------|-----------|-------------------|----------|-----------------|
| Collection Date: | 11/8/2019 9:38:00 AM | | Colle | cted By: | Mike | Medel | | | |
| Matrix: | Drinking Water | | Samp | ble Location: | Rm 2 | 88-Sinł | x (5) | | |
| Trace Metals by EP | A 200.8 ICP-MS | | | | Ą | nalyst; | SJS | | |
| Analyses | Resu | lt | Qual | MRL | Units | DF | Date Analyzed | MCL | NELAP Status |
| Lead | 0.0015 | 99 | | 0.000100 | mg/L | 1 | 11/12/2019 | 0.0150 | А |
| Lab ID: | 19110372-02 | | Clien | t Sample ID: | Rm 2 | 88-Sink | x (6) | | |
| Collection Date: | 11/8/2019 9:38:00 AM | | Colle | cted By: | Mike | Medel | | | |
| Matrix: | Drinking Water | | Samp | ole Location: | Rm 2 | 88-Sink | x (6) | | |
| Trace Metals by EP | A 200.8 ICP-MS | | | | β | nalyst; | SJS | | |
| Analyses | Resu | lt | Qual | MRL | Units | DF | Date Analyzed | MCL | NELAP Status |
| Lead | 0.003 | 78 | | 0.000100 | mg/L | 1 | 11/12/2019 | 0.0150 | А |
| Lab ID: | 19110372-03 | | Clien | t Sample ID: | Upsta | airs (Pol | lice Training Roo | om)-Sink | |
| Collection Date: | ate: 11/8/2019 9:30:00 AM | | Colle | cted By: | Mike | Medel | | | |
| Matrix: | Drinking Water | | Samp | ole Location: | Upsta | airs (Pol | lice Training Roo | om)-Sink | |
| Trace Metals by EP | A 200.8 ICP-MS | | | | β | nalyst; | SJS | | |
| Analyses | Resu | lt | Qual | MRL | Units | DF | Date Analyzed | MCL | NELAP Status |
| Lead | 0.00047 | 74 | | 0.000100 | mg/L | 1 | 11/12/2019 | 0.0150 | А |

| S | * | Value exceeds Maximum Contaminant Level. | C1 |
|---|----|--|----|
| Ш | Е | Value above quantitation range | Н |
| 5 | J | Analyte detected below quantitation limits | MI |
| 5 | ND | Not Detected at the Reporting Limit | PL |

R RPD outside accepted recovery limits

- C1 Sample container temperature is out of limit as specified at testcode
- H Holding times for preparation or analysis exceeded
- II Recovery outside comtrol limits due to Matrix Interference
- ^PL Permit Limit



Analytical Report

WO#: 19110372 Date Reported: 11/14/2019

Medford School District 815 S Oakdale Ave Medford, OR 97501

Sample Information:

Lab Order: 19110372 Received Date: 11/8/2019 10:22:00 AM Reported Date: 11/14/2019 2:44:12 PM

| Lab ID: Collection Date: Matrix: | 19110372-04 11/8/2019 9:45:00 . Drinking Water | AM | Colle | at Sample ID: ected By: ble Location: | Mike | Medel | Room-Sink (3) Room-Sink (3) | | |
|--|---|---------|-------|---|-------|---------|--------------------------------|--------|-----------------|
| Trace Metals by EP | A 200.8 ICP-MS | | | | A | nalyst; | SJS | | |
| Analyses | | Result | Qual | MRL | Units | DF | Date Analyzed | MCL | NELAP Status |
| Lead | | 0.00132 | | 0.000100 | mg/L | 1 | 11/12/2019 | 0.0150 | А |
| Lab ID: Collection Date: Matrix: | 19110372-05 11/8/2019 9:18:00 / Drinking Water | АМ | Colle | nt Sample ID: ected By: ble Location: | Mike | Medel | s RR-Sink s RR-Sink | | |
| Trace Metals by EP | A 200.8 ICP-MS | | | | | | | | |
| Analyses | | Result | Qual | MRL | Units | DF | Date Analyzed | MCL | NELAP Status |
| Lead | | 0.00180 | | 0.000100 | mg/L | 1 | 11/12/2019 | 0.0150 | А |

* Value exceeds Maximum Contaminant Level. QUALIFIERS

- Е Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

- C1 Sample container temperature is out of limit as specified at testcode
- Н Holding times for preparation or analysis exceeded
- Recovery outside comtrol limits due to Matrix Interference MI
- Permit Limit PL



QC SUMMARY REPORT

WO#: 19110372

14-Nov-19

| Sample ID: | MB-2342 PBW | SampType: MBLK Batch ID: 2342 | TestCode: LEAD_DW Units: mg/L TestNo: E200.8 E200.8 | | | | Prep Dat Analysis Dat | e: 11/9/20 | | RunNo: 557 SeqNo: 105 | - | | | |
|--------------|-----------------|----------------------------------|--|-------------------|--------------------|------|--------------------------|-------------------|-------------|--|------------|------|--|--|
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | | | RPD Ref Val | %RPD | RPDLimit | Qual | | |
| Lead | | ND | 0.000100 | | | | | | | | | | | |
| Sample ID: I | LCS-2342 | SampType: LCS | TestCo | de: LEAD_DW | Units: mg/L | | Prep Dat | e: 11/9/20 | 19 | RunNo: 557 | ' 5 | | | |
| Client ID: | LCSW | Batch ID: 2342 | Test | lo: E200.8 | E200.8 | | Analysis Dat | e: 11/12/2 | 019 | SeqNo: 105 | 809 | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qua | | |
| Lead | | 0.0884 | 0.000100 | 0.1000 | 0 | 88.4 | 85 | 115 | | | | | | |
| Sample ID: 1 | 19110385-01AMS | SampType: MS | TestCo | de: LEAD_DW | Units: mg/L | | Prep Dat | e: 11/9/20 | 19 | RunNo: 557 | /5 | | | |
| Client ID: | BatchQC | Batch ID: 2342 | Test | lo: E200.8 | E200.8 | | Analysis Dat | e: 11/12/2 | 019 | SeqNo: 105 | 818 | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qua | | |
| Lead | | 0.0852 | 0.000100 | 0.1000 | 0.00001400 | 85.2 | 70 | 130 | | | | | | |
| Sample ID: 1 | 19110385-01AMSD | SampType: MSD | TestCode: LEAD_DW | | Units: mg/L | | Prep Dat | e: 11/9/20 | 19 | RunNo: 5575 | | | | |
| Client ID: | BatchQC | Batch ID: 2342 | Test | lo: E200.8 | E200.8 | | Analysis Dat | e: 11/12/2 | 019 | SeqNo: 105 | 05819 | | | |
| Analyte | | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qua | | |
| Lead | | 0.0844 | 0.000100 | 0.1000 | 0.00001400 | 84.4 | 70 | 130 | 0.08522 | 0.975 | 20 | | | |

ND Not Detected at the Reporting Limit

RL Reporting Detection Limit

| Environmental Testing Laboratory 245 South Grape Street * Medford, OR 97501 | RESEARCH |
|--|----------|
| tory | - |

Chain of Custody Record

Page __1__ of _3___

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

| (541) 770-5678 fax (541) 770-2901 | | | | | | | | | | | | | | |
|---------------------------------------|----------|-----------------|---|---------------|---------------|-------------|------------|--------|-----------------------------------|--------------|-----------|-------|-------------------------------------|----------------|
| Section A | | Section B | ű | | | | Section C | on C | | | | | Section D | |
| Company: MSD 549C | | Deninot Na | Project Name: 2010 Les | ormation | Tanting | | Invoid | - | mation | | | | Rush Status (Subject to Scheduling) | 5 Scheduling) |
| | | Project Number: | umber: | 18-00 Central | tral | | Attention: | ION: A | Accounting | 200 | | triot | Standard 10-14 Days | ys |
| Medford, OR 97501 | | Report T | Report T ron.havniear@medford.k12.or.us | ear@me | dford.k | 12.or.u | _ | ss: 8 | Address: 815 South Oakdale Avenue |)akdale | Aven | | Business Days (30% surcharge) | 50% surcharge) |
| Email: ron.havniear@medford.k12.or.us | | Copy To | Copy To andy.chasteen@medford.k12.or.u | steen@m | edford | k12.or | _ | 0 | R 97501 | anuan | | la | 24 - 48 hours (100% surcharge) | '5% surcharge) |
| Phone: 541-840-4315 Fax: | | | | | | | | 6 0 | 61172 | | | | Cither | % surcharge) |
| Collected By (Print): | | | | | | | | | ľ | | | | | |
| Collected By (Sign): | | | | | 7 | | A | alveis | Analysis Requested | 2 | | | Autnonzed | Tes |
| No Mail Report Yes | | | | | $\overline{}$ | + |]; | alyon | | | - | | | 6 c |
| No | | 2/m | | | iners | | | | | | | | | Page |
| Sample Information | XS | | | | Conta | <u>n</u> CI | | | | | | | NRC Workorder # | ころしし |
| Sample ID | Bottle # | Matrix* | Date | Time | | l | | | | | | | Remarks/Field Data | NRC Sample # |
| | 54363 | DV | /8/2019 | 9:28 | - | N | | | | | + | | | |
| | 19020 | | | - | - | | | | | | | | | A CO |
| | LUCHC | | 11/8/2019 | 20.00 | | | | _ | | | | | | 0317 |
| 1k | CIN-1-C | | 11/0/2010 | CLID | - | | | | | | + | | | OUA |
| | 01 080 | | 11/0/2013 | al 11 | - | | | | | | | | | 0SA |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | + | | | |
| | | | | | | | | _ | | | - | | | |
| | | | | | | | | | | | | | | |
| | | | | | | + | | | | | - | | | |
| | | | | | | ╈ | | _ | | | + | | | |
| | | | | | | | | | | | | | | Section 201 |
| | | | | | | + | | | | - | - | | | |
| | | | | | | | | _ | | 4 | + | | | |
| | | | | | | | 10 | | | | \square | | | |
| | | | | | | + | T | + | | | + | | | |
| | | | | | \downarrow | | | ╀ | | \downarrow | + | | | |

7 10

F

| Received By: Received By: Relinquished By: Received By Laboratory: | Relinquished By: | *Matix DW Deckies Wat Mark Wat | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------------------------------|-----|----|----|---|---|------------------|---|------------------|---|------------------|-------|-----|---|-----------|--------------|---|------------------|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | |
| | S - Soil | | | | | | | | | | | | | | | | | | | | | | |
| Naonna O | S - Soil/Soiid SL - Sludge O - Oil Print Milte White | | | | | | | | | | | | | | | | | | | | | | |
| R | Oil WP - Wipe | | | | ++ | _ | | $\left \right $ | | $\left \right $ | - | $\left \right $ | + | | | | | + | | | _ | - | + |
| | | | | | | | | | + | | | | + | | | \square | | + | \vdash | | | + | |
| Payn | OT - Other | | | ++ | | | | | + | | | | + | | | | + | - | Н | | + | | |
| | er Date 11/8/ | | | | | | | | - | | + | | | | | | | | | | | | |
| Invoice | 19 | | | ++ | | | | | | | + | Ħ | | | + | | + | | $\left \right $ | + | + | t | |
| | Time | | | | | | | | | | | | | | | | | | | | | | |
| Receive | me 10.'22 | | +++ | ++ | + | + | _ | $\left \right $ | - | $\left \right $ | _ | | + | | _ | | - | + | | | - | | |
| | L L L L L S L S L S L S S L S S S S S S | | | | | | 1 | | - | | | | | | | | | | | | 1 | | |
| Payment: Invoice Cash VISA, M/C Check # Amount Visa, M/C Cash VISA, M/C Check # Amount | Section G Lab Use Only Temp: | | | | | | | | | | | | | | | | | | | | | | |
| ves No ived: Yes No NA Yes No NA Other Ha Amount | | | | | | | | | | | | Page | e 7 o | f 7 | | | A CONTRACTOR | | | | | | |