

May 09, 2023

Andy Chasteen Medford School District 815 S Oakdale Ave Medford, OR 97501

TEL: 541-842-3646 FAX 541-842-1160

RE: Annex Lead Test Order No.: 23041081

Dear Andy Chasteen:

Neilson Research Corporation received 27 sample(s) on 4/27/2023 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** 

Tampa Stomedemann

Tamra Schmedemann Senior Project Manager

245 S Grape St Medford, OR 97501











**Case Narrative** 

WO#: **23041081**Date: **5/9/2023** 

**CLIENT:** Medford School District

**Project:** Annex Lead Test

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#: 23041081 Date Reported: 5/9/2023

Medford School District 815 S Oakdale Ave Medford , OR 97501

Sample Information:

NELAP

**Lab Order:** 23041081

**Received Date:** 4/27/2023 10:54:00 AM **Reported Date:** 5/9/2023 12:07:18 PM

Lab ID: 23041081-01 Client Sample ID: Facilities Brk Rm-Sink

Collection Date: 4/27/2023 6:01:00 AM Collected By: Seth Barry

Matrix: Drinking Water Sample Location: Facilities Brk Rm-Sink

Analyst; CSB Trace Metals by EPA 200.8 ICP-MS **NELAP** Date MRL Units MCL **Analyses** Result Qual DF Analyzed **Status** 5/3/2023 Lead 3.68 0.515 15.0 Α ppb

Lab ID: 23041081-02 Client Sample ID: Facilities Office-DF Bottom of Stairs

Collection Date: 4/27/2023 6:02:00 AM Collected By: Seth Barry

Matrix: Drinking Water Sample Location: Facilities Office-DF Bottom of Stairs

CSB Analyst; Trace Metals by EPA 200.8 ICP-MS **NELAP** Date MRL Units Result Qual DF MCL **Analyses** Analyzed **Status** Lead 0.940 0.515 5/3/2023 15.0 Α ppb

Lab ID: 23041081-03 Client Sample ID: Facilities Office Men's RR-Sink(L)

Collection Date: 4/27/2023 6:03:00 AM Collected By: Seth Barry

Matrix: Drinking Water Sample Location: Facilities Office Men's RR-Sink(L)

| Trace Metals by EPA 200.8 ICP-MS |        |      |       | Α     | nalyst; | CSB              |      |                 |  |  |
|----------------------------------|--------|------|-------|-------|---------|------------------|------|-----------------|--|--|
| Analyses                         | Result | Qual | MRL   | Units | DF      | Date<br>Analyzed | MCL  | NELAP<br>Status |  |  |
| Lead                             | 1.12   |      | 0.515 | ppb   | 1       | 5/3/2023         | 15.0 | Α               |  |  |

| S | *   | Value exceeds Maximum Contaminant Level.   | C1 | Sample container temperature is out of limit as specified at testcode |
|---|-----|--|----|---|
|   | E   | Value above quantitation range             | Н  | Holding times for preparation or analysis exceeded                    |
| ≓ | J   | Analyte detected below quantitation limits | MI | Recovery outside comtrol limits due to Matrix Interference            |
| 5 | ND  | Not Detected at the Reporting Limit        | PL | Permit Limit  |
| O | PRE | Percent RE exceeds the Limit               | R  | RPD outside accepted recovery limits                                  |

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



#### **Analytical Report**

WO#: 23041081 5/9/2023 Date Reported:

Medford School District 815 S Oakdale Ave Medford, OR 97501

**Lab Order: 23041081** 

**Received Date:** 4/27/2023 10:54:00 AM **Reported Date:** 5/9/2023 12:07:18 PM

Sample Information:

Client Sample ID: Facilities Office Men's RR-Sink(R) Lab ID: 23041081-04

Collection Date: Collected By: 4/27/2023 6:04:00 AM Seth Barry

Matrix: Sample Location: **Drinking Water** Facilities Office Men's RR-Sink(R)

Analyst; CSB Trace Metals by EPA 200.8 ICP-MS **NELAP** Date **Analyses** Result Qual **MRL** Units DF MCL Analyzed **Status** 5/3/2023 Lead 6.09 0.515 15.0 Α ppb

Lab ID: 23041081-05 Client Sample ID: Facilities Office Women's RR-Sink(L)

Collection Date: 4/27/2023 6:05:00 AM Collected By: Seth Barry

Matrix: **Drinking Water** Sample Location: Facilities Office Women's RR-Sink(L)

CSB Analyst; Trace Metals by EPA 200.8 ICP-MS Date **NELAP** MRL Units Result Qual DF MCL **Analyses** Analyzed **Status** 5.80 0.515 5/3/2023 15.0 Α Lead ppb

Lab ID: 23041081-06 Client Sample ID: Facilities Office Women's RR-Sink(R)

Collection Date: 4/27/2023 6:06:00 AM Collected By: Seth Barry

Matrix: Drinking Water Sample Location: Facilities Office Women's RR-Sink(R)

| Trace Metals by EPA 200.8 ICP-MS |        |      |       | Aı    | nalyst; | CSB              |      |                 |  |  |
|----------------------------------|--------|------|-------|-------|---------|------------------|------|-----------------|--|--|
| Analyses                         | Result | Qual | MRL   | Units | DF      | Date<br>Analyzed | MCL  | NELAP<br>Status |  |  |
| Lead                             | 2.77   |      | 0.515 | ppb   | 1       | 5/3/2023         | 15.0 | Α               |  |  |

| * | Value exceeds Maximum Contaminant Level. | C1 | Sample container temperature is out of limit as specified at testcode |
|---|--|----|---|
| E | Value above quantitation range           | Н  | Holding times for preparation or analysis exceeded                    |

Analyte detected below quantitation limits ΜI Recovery outside comtrol limits due to Matrix Interference

ND Not Detected at the Reporting Limit PL. Permit Limit

PRE Percent RE exceeds the Limit RPD outside accepted recovery limits

NELAP

J

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



#### **Analytical Report**

WO#: 23041081 Date Reported: 5/9/2023

Medford School District 815 S Oakdale Ave Medford, OR 97501

**Lab Order:** 23041081

**Received Date:** 4/27/2023 10:54:00 AM **Reported Date:** 5/9/2023 12:07:18 PM

Sample Information:

NELAP

Client Sample ID: Lab ID: 23041081-07 Warehouse-Ice Machine

Collection Date: Collected By: 4/27/2023 6:07:00 AM Seth Barry

Matrix: Sample Location: **Drinking Water** Warehouse-Ice Machine

Analyst; CBB Trace Metals by EPA 200.8 ICP-MS **NELAP** Date MRL MCL **Analyses** Result Qual Units DF Analyzed **Status** 5/5/2023 Lead ND 0.515 15.0 Α ppb

Lab ID: 23041081-08 Client Sample ID: Warehouse Unisex RR-Sink

Collection Date: 4/27/2023 6:08:00 AM Collected By: Seth Barry

Matrix: **Drinking Water** Sample Location: Warehouse Unisex RR-Sink

CBB Analyst; Trace Metals by EPA 200.8 ICP-MS Date **NELAP** MRL Units **MCL** Result Qual DF **Analyses** Analyzed **Status** Lead ND 0.515 5/5/2023 15.0 Α ppb

Lab ID: 23041081-09 Client Sample ID: NTS Brk Rm-Sink

Collection Date: 4/27/2023 6:09:00 AM Collected By: Seth Barry

Matrix: Sample Location: NTS Brk Rm-Sink Drinking Water

| Trace Metals by EPA 200.8 ICP-MS |        |      |       | Aı    | nalyst; | CBB              |      |                 |  |  |  |
|----------------------------------|--------|------|-------|-------|---------|------------------|------|-----------------|--|--|--|
| Analyses                         | Result | Qual | MRL   | Units | DF      | Date<br>Analyzed | MCL  | NELAP<br>Status |  |  |  |
| Lead                             | 7.02   |      | 0.515 | ppb   | 1       | 5/5/2023         | 15.0 | Α               |  |  |  |

Value exceeds Maximum Contaminant Level. C1 Sample container temperature is out of limit as specified at testcode

Η Holding times for preparation or analysis exceeded Value above quantitation range J Analyte detected below quantitation limits ΜI Recovery outside comtrol limits due to Matrix Interference

ND Not Detected at the Reporting Limit PL. Permit Limit

PRE Percent RE exceeds the Limit RPD outside accepted recovery limits

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



#### **Analytical Report**

WO#: 23041081 Date Reported: 5/9/2023

Medford School District 815 S Oakdale Ave Medford , OR 97501 **Lab Order:** 23041081

**Received Date:** 4/27/2023 10:54:00 AM **Reported Date:** 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-10

Client Sample ID: NTS Women's RR-Sink

Collection Date: 4/27/2023 6:11:00 AM

Collected By: Seth Barry

Matrix: Drinking Water

Sample Location: NTS Women's RR-Sink

Trace Metals by EPA 200.8 ICP-MS

Analyst; CBB

| Analyses | Result | Qual | MRL   | Units | DF | Date<br>Analyzed | MCL  | NELAP<br>Status |
|----------|--------|------|-------|-------|----|------------------|------|-----------------|
| Lead     | 17.2   | *    | 0.515 | ppb   | 1  | 5/5/2023         | 15.0 | Α               |

Collected By:

Lab ID: 23041081-11

Client Sample ID: Publications-Sink

Collection Date: 4/27/2023 6:12:00 AM

Seth Barry

Matrix: Drinking Water

Sample Location: Publications-Sink

Trace Metals by EPA 200.8 ICP-MS

Analyst; CBB

| Analyses | Result | Qual | MRL   | Units | DF | Date<br>Analyzed | MCL  | NELAP<br>Status |
|----------|--------|------|-------|-------|----|------------------|------|-----------------|
| Lead     | 2.65   |      | 0.515 | ppb   | 1  | 5/5/2023         | 15.0 | Α               |

Lab ID:23041081-12Client Sample ID:IT Brk Rm SinkCollection Date:4/27/2023 6:14:00 AMCollected By:Seth BarryMatrix:Drinking WaterSample Location:IT Brk Rm Sink

| Trace Metals by EPA 200.8 ICP-MS |        |      |       | Α     | Analyst; CBB |                  |      |                 |  |  |  |
|----------------------------------|--------|------|-------|-------|--------------|------------------|------|-----------------|--|--|--|
| Analyses                         | Result | Qual | MRL   | Units | DF           | Date<br>Analyzed | MCL  | NELAP<br>Status |  |  |  |
| Lead                             | ND     |      | 0.515 | ppb   | 1            | 5/5/2023         | 15.0 | А               |  |  |  |

| S | * | Value exceeds Maximum Contaminant Level |
|---|---|---|
|   | E | Value above quantitation range          |

C1 Sample container temperature is out of limit as specified at testcode

J Analyte detected below quantitation limits

H Holding times for preparation or analysis exceeded

MI Recovery outside comtrol limits due to Matrix Interference

ND Not Detected at the Reporting Limit

PL Permit Limit

PRE Percent RE exceeds the Limit

NELAP

R RPD outside accepted recovery limits

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



#### **Analytical Report**

WO#: 23041081 Date Reported: 5/9/2023

Medford School District 815 S Oakdale Ave Medford, OR 97501

Sample Information:

**Lab Order:** 23041081

**Received Date:** 4/27/2023 10:54:00 AM **Reported Date:** 5/9/2023 12:07:18 PM

Client Sample ID: Lab ID: 23041081-13 IT Brk Rm Ref-Ice Mkr

Collection Date: Collected By: 4/27/2023 6:15:00 AM Seth Barry

Matrix: Sample Location: IT Brk Rm Ref-Ice Mkr **Drinking Water** 

Analyst; CBB Trace Metals by EPA 200.8 ICP-MS **NELAP** Date MRL **Analyses** Result Qual Units DF MCL Analyzed **Status** 5/5/2023 Lead 0.515 15.0 Α 23.0 ppb

Lab ID: 23041081-14 Client Sample ID: Across IT Brk Rm Men's RR S (L)

Collection Date: 4/27/2023 6:16:00 AM Collected By: Seth Barry

Matrix: **Drinking Water** Sample Location: Across IT Brk Rm Men's RR S (L)

CBB Analyst; Trace Metals by EPA 200.8 ICP-MS Date **NELAP** MRL Units **MCL** Result Qual DF **Analyses** Analyzed **Status** 3.51 0.515 5/5/2023 15.0 Α Lead ppb

Lab ID: 23041081-15 Client Sample ID: Across IT Brk Rm Men's RR S (R)

Collection Date: 4/27/2023 6:17:00 AM Collected By: Seth Barry

Matrix: Sample Location: Across IT Brk Rm Men's RR S (R) Drinking Water

| Trace Metals by EPA 200.8 ICP-MS |        |      |       | Aı    | nalyst; | СВВ              |      |                 |  |  |
|----------------------------------|--------|------|-------|-------|---------|------------------|------|-----------------|--|--|
| Analyses                         | Result | Qual | MRL   | Units | DF      | Date<br>Analyzed | MCL  | NELAP<br>Status |  |  |
| Lead                             | 4.94   |      | 0.515 | ppb   | 1       | 5/5/2023         | 15.0 | Α               |  |  |

Value exceeds Maximum Contaminant Level. C1 Sample container temperature is out of limit as specified at testcode Η Holding times for preparation or analysis exceeded Value above quantitation range

ΜI Recovery outside comtrol limits due to Matrix Interference Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit PL. Permit Limit

PRE Percent RE exceeds the Limit RPD outside accepted recovery limits

NELAP

J

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



### **Analytical Report**

WO#: 23041081 5/9/2023 Date Reported:

Medford School District 815 S Oakdale Ave Medford, OR 97501

**Lab Order: 23041081** 

**Received Date:** 4/27/2023 10:54:00 AM **Reported Date:** 5/9/2023 12:07:18 PM

Sample Information:

Matrix:

Lab ID: 23041081-16 Client Sample ID:

Across IT Brk Rm Women's RR S

**Date** 

Analyzed

Collection Date:

4/27/2023 6:20:00 AM

**Drinking Water** 

Collected By: Seth Barry Sample Location:

Across IT Brk Rm Women's RR S

Trace Metals by EPA 200.8 ICP-MS

Analyst; CBB

DF

|     | NELAP  |
|-----|--------|
| MCL | Status |

Lead

**Analyses** 

Result

4.62

Qual

0.515

**MRL** 

5/5/2023

15.0

Lab ID:

Matrix:

23041081-17

**Drinking Water** 

Client Sample ID:

Upstairs (Dance Rm)-DF

Collection Date:

4/27/2023 6:21:00 AM

Collected By: Sample Location: Seth Barry

Upstairs (Dance Rm)-DF

Date

Analyzed

5/5/2023

Trace Metals by EPA 200.8 ICP-MS

Units

ppb

CBB Analyst;

**NELAP** 

Α

**NELAP** Status

Α

Result Qual **Analyses** 4.92

Units DF

**MCL Status** 

15.0

Lead

Lead

0.515

MRL

Lab ID: Collection Date:

Matrix:

23041081-18

Drinking Water

Client Sample ID: Collected By:

Upstairs (Police Training)-DF

4/27/2023 6:22:00 AM

Seth Barry

ppb

Sample Location: Upstairs (Police Training)-DF

| Trace Metals by EPA 200.8 ICP-MS |        |      | CBB   |       |    |                  |      |
|----------------------------------|--------|------|-------|-------|----|------------------|------|
| Analyses                         | Result | Qual | MRL   | Units | DF | Date<br>Analyzed | MCL  |
| Lead                             | 2.35   |      | 0.515 | dqq   | 1  | 5/5/2023         | 15.0 |

Value exceeds Maximum Contaminant Level.

C1 Sample container temperature is out of limit as specified at testcode

Е Value above quantitation range

Н Holding times for preparation or analysis exceeded ΜI Recovery outside comtrol limits due to Matrix Interference

J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit

PL. Permit Limit

PRE Percent RE exceeds the Limit RPD outside accepted recovery limits

NELAP

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

Original

Results are out of the EPA limits



#### **Analytical Report**

WO#: 23041081 Date Reported: 5/9/2023

Medford School District 815 S Oakdale Ave Medford, OR 97501

Sample Information:

**Lab Order:** 23041081

**Received Date:** 4/27/2023 10:54:00 AM **Reported Date:** 5/9/2023 12:07:18 PM

Lab ID: 23041081-19 Client Sample ID: Upstairs (Police Training)-Sink

Collection Date: Collected By: Seth Barry 4/27/2023 6:23:00 AM

Matrix: Sample Location: **Drinking Water** Upstairs (Police Training)-Sink

Analyst; CBB Trace Metals by EPA 200.8 ICP-MS **NELAP** Date MRL **MCL Analyses** Result Qual Units DF Analyzed **Status** Lead 2.09 0.515 5/5/2023 15.0 Α ppb

Lab ID: 23041081-20 Client Sample ID: IT/PT Shop Men's RR Sink (L)

Collection Date: 4/27/2023 6:24:00 AM Collected By: Seth Barry

Matrix: **Drinking Water** Sample Location: IT/PT Shop Men's RR Sink (L)

CBB Analyst; Trace Metals by EPA 200.8 ICP-MS Date **NELAP** MRL Units **MCL** Result Qual DF **Analyses** Analyzed **Status** Lead 4.82 0.515 5/5/2023 15.0 Α ppb

Lab ID: 23041081-21 Client Sample ID: IT/PT Shop Men's RR Sink (R)

Collection Date: 4/27/2023 6:25:00 AM Collected By: Seth Barry

Matrix: Sample Location: IT/PT Shop Men's RR Sink (R) Drinking Water

| Trace Metals by EPA 200.8 ICP-MS | Aı     | nalyst; | CBB   |       |    |                  |                 |   |
|----------------------------------|--------|---------|-------|-------|----|------------------|-----------------|---|
| Analyses                         | Result | Qual    | MRL   | Units | DF | Date<br>Analyzed | NELAP<br>Status |   |
| Lead                             | 3.36   |         | 0.515 | ppb   | 1  | 5/5/2023         | 15.0            | Α |

Value exceeds Maximum Contaminant Level. C1 Sample container temperature is out of limit as specified at testcode Η Holding times for preparation or analysis exceeded Value above quantitation range

ΜI Recovery outside comtrol limits due to Matrix Interference Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit PL. Permit Limit

PRE Percent RE exceeds the Limit RPD outside accepted recovery limits

NELAP

J

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028



#### **Analytical Report**

WO#: 23041081 Date Reported: 5/9/2023

Medford School District 815 S Oakdale Ave Medford, OR 97501

**Lab Order:** 23041081

**Received Date:** 4/27/2023 10:54:00 AM **Reported Date:** 5/9/2023 12:07:18 PM

Sample Information:

Matrix:

**Analyses** 

Lab ID: 23041081-22

Client Sample ID:

Units

ppb

Units

ppb

IT/PT Shop Women's RR Sink (L)

Collection Date:

4/27/2023 6:26:00 AM

**Drinking Water** 

23041081-23

**Drinking Water** 

Collected By: Sample Location:

Seth Barry IT/PT Shop Women's RR Sink (L)

Trace Metals by EPA 200.8 ICP-MS

Analyst; CBB

DF

**NELAP** MCL **Status** 

Α

15.0

Lead

Lab ID:

67.4

0.515 Client Sample ID:

MRL

IT/PT Shop Women's RR Sink (R)

Date

Analyzed

5/5/2023

Date

Analyzed

5/5/2023

Collection Date:

4/27/2023 6:27:00 AM

Collected By:

Seth Barry

Matrix:

Sample Location:

IT/PT Shop Women's RR Sink (R)

Trace Metals by EPA 200.8 ICP-MS

MRL Result Qual

Qual

CBB Analyst;

DF

**NELAP MCL** 

**Status** 

Α

**NELAP** 

Status

Α

Lead

**Analyses** 

4.19

Result

0.515

15.0

MCL

15.0

Lab ID:

23041081-24

Client Sample ID:

Paint Booth Shop-Sink

Collection Date:

4/27/2023 6:28:00 AM

Collected By:

Seth Barry

Matrix:

Drinking Water

Sample Location:

Paint Booth Shop-Sink

Trace Metals by EPA 200.8 ICP-MS

Analyst; CBB

Date Analyses Result **Qual** MRL Units DF **Analyzed** 3.93 0.515 5/5/2023 Lead daa 1

Value exceeds Maximum Contaminant Level.

C1

Sample container temperature is out of limit as specified at testcode

Е Value above quantitation range Η Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit

ΜI Recovery outside comtrol limits due to Matrix Interference Permit Limit

Percent RE exceeds the Limit PRE

PL.

RPD outside accepted recovery limits

NELAP

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

Original

Results are out of the EPA limits



### **Analytical Report**

WO#: 23041081 Date Reported: 5/9/2023

Medford School District 815 S Oakdale Ave Medford, OR 97501

**Lab Order:** 23041081

**Received Date:** 4/27/2023 10:54:00 AM **Reported Date:** 5/9/2023 12:07:18 PM

Sample Information:

Lab ID: 23041081-25 Client Sample ID: Carpenter Shop Men's RR Sink

Collection Date: Collected By: 4/27/2023 6:30:00 AM Seth Barry

Matrix: Sample Location: **Drinking Water** Carpenter Shop Men's RR Sink

Analyst; CBB Trace Metals by EPA 200.8 ICP-MS **NELAP** Date MRL **MCL Analyses** Result Qual Units DF Analyzed **Status** 5/5/2023 Lead 8.02 0.515 15.0 Α ppb

Lab ID: 23041081-26 Client Sample ID: Metal Shop-Trough Sink (L)

Collection Date: 4/27/2023 6:31:00 AM Collected By: Seth Barry

Matrix: **Drinking Water** Sample Location: Metal Shop-Trough Sink (L)

CBB Analyst; Trace Metals by EPA 200.8 ICP-MS Date **NELAP** MRL Units **MCL** Result Qual DF **Analyses** Analyzed **Status** 3.29 0.515 5/5/2023 15.0 Α Lead ppb

Lab ID: 23041081-27 Client Sample ID: Metal Shop-Trough Sink (R)

Collection Date: 4/27/2023 6:32:00 AM Collected By: Seth Barry

Matrix: Drinking Water Sample Location: Metal Shop-Trough Sink (R)

| Trace Metals by EPA 200.8 ICP-MS | nalyst; | CBB  |       |       |    |                  |                 |   |
|----------------------------------|---------|------|-------|-------|----|------------------|-----------------|---|
| Analyses                         | Result  | Qual | MRL   | Units | DF | Date<br>Analyzed | NELAP<br>Status |   |
| Lead                             | 3.85    |      | 0.515 | ppb   | 1  | 5/5/2023         | 15.0            | Α |

| IERS | *   | Value exceeds Maximum Contaminant Level.   | C1 | Sample container temperature is out of limit as specified at testcode |
|------|-----|--|----|---|
|      | E   | Value above quantitation range             |    | Holding times for preparation or analysis exceeded                    |
| ٥    | J   | Analyte detected below quantitation limits | MI | Recovery outside comtrol limits due to Matrix Interference            |
| 5    | ND  | Not Detected at the Reporting Limit        | PL | Permit Limit  |
| O    | PRE | Percent RE exceeds the Limit               | R  | RPD outside accepted recovery limits                                  |

NELAP A Accredited in accordance with NELAP ORELAP 100016, OR-028

NELAP



## **QC SUMMARY REPORT**

WO#: **23041081** 

09-May-23

**Client:** Medford School District

Project: Annex Lead Test TestCode: LEAD\_DW

| Project: Annex Lead Te             | est                            |  | TestCode: LEAD_DW  |      |
|------------------------------------|--------------------------------|--|--|------|
| Sample ID: MB-20945 Client ID: PBW | SampType: MBLK Batch ID: 20945 | TestCode: LEAD_DW Units: ppb TestNo: E200.8 E200.8 | Prep Date: 5/3/2023 RunNo: 39125 Analysis Date: 5/3/2023 SeqNo: 645104 |      |
| Analyte                            | Result                         | PQL SPK value SPK Ref Val                          |  | Qual |
| Lead                               | ND                             | 0.515  |  |      |
| Sample ID: LCS-20945               | SampType: LCS                  | TestCode: LEAD_DW Units: ppb                       | Prep Date: 5/3/2023 RunNo: 39125                                       |      |
| Client ID: LCSW                    | Batch ID: 20945                | TestNo: <b>E200.8 E200.8</b>                       | Analysis Date: 5/3/2023 SeqNo: 645105                                  |      |
| Analyte                            | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit                      | Qual |
| Lead                               | 107                            | 0.520 100 0  | 107 85 115   |      |
| Sample ID: 23040950-21AMS          | SampType: <b>MS</b>            | TestCode: LEAD_DW Units: ppb                       | Prep Date: 5/3/2023 RunNo: 39125                                       |      |
| Client ID: BatchQC                 | Batch ID: 20945                | TestNo: <b>E200.8 E200.8</b>                       | Analysis Date: 5/3/2023 SeqNo: 645107                                  |      |
| Analyte                            | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit                      | Qual |
| Lead                               | 119                            | 0.520 100 3.22                                     | 116 70 130   |      |
| Sample ID: 23040950-21AMSE         | SampType: MSD                  | TestCode: LEAD_DW Units: ppb                       | Prep Date: 5/3/2023 RunNo: 39125                                       |      |
| Client ID: BatchQC                 | Batch ID: 20945                | TestNo: <b>E200.8 E200.8</b>                       | Analysis Date: 5/3/2023 SeqNo: 645108                                  |      |
| Analyte                            | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit                      | Qual |
| Lead                               | 124                            | 0.520 100 3.22                                     | 121 70 130 119 3.85 20   |      |

Qualifiers:

Value exceeds Maximum Contaminant Level.

MI Recovery outside comtrol limits due to Matrix Interference

RL Reporting Detection Limit

<sup>1</sup> Sample container temperature is out of limit as specified at testcode

ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceede

PL Permit Limit



## **QC SUMMARY REPORT**

WO#: **23041081** 

09-May-23

**Client:** Medford School District

Project: Annex Lead Test TestCode: LEAD\_DW

| Project: Annex Lea                    | d Test                         |  | TestCode: I   | EAD_DW                                      |
|---------------------------------------|--------------------------------|--|---|---|
| Sample ID: MB-20991<br>Client ID: PBW | SampType: MBLK Batch ID: 20991 | TestCode: LEAD_DW Units: ppb TestNo: E200.8 E200.8 | Prep Date: <b>5/5/2023</b> Analysis Date: <b>5/5/2023</b> | RunNo: <b>39208</b><br>SeqNo: <b>646572</b> |
| Analyte                               | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val                       | %RPD RPDLimit Qual                          |
| Lead                                  | ND                             | 0.515  |   |   |
| Sample ID: LCS-20991                  | SampType: LCS                  | TestCode: LEAD_DW Units: ppb                       | Prep Date: 5/5/2023                                       | RunNo: <b>39208</b>                         |
| Client ID: LCSW                       | Batch ID: 20991                | TestNo: <b>E200.8 E200.8</b>                       | Analysis Date: 5/5/2023                                   | SeqNo: <b>646573</b>                        |
| Analyte                               | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val                       | %RPD RPDLimit Qual                          |
| Lead                                  | 102                            | 0.520 100 0  | 102 85 115  |   |
| Sample ID: 23041081-07A               | MS SampType: MS                | TestCode: LEAD_DW Units: ppb                       | Prep Date: 5/5/2023                                       | RunNo: <b>39208</b>                         |
| Client ID: Warehouse-Id               | ce Mac Batch ID: 20991         | TestNo: <b>E200.8 E200.8</b>                       | Analysis Date: 5/5/2023                                   | SeqNo: <b>646575</b>                        |
| Analyte                               | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val                       | %RPD RPDLimit Qual                          |
| Lead                                  | 101                            | 0.520 100 0  | 101 70 130  |   |
| Sample ID: <b>23041081-07A</b>        | MSD SampType: MSD              | TestCode: LEAD_DW Units: ppb                       | Prep Date: 5/5/2023                                       | RunNo: <b>39208</b>                         |
| Client ID: Warehouse-Id               | ce Mac Batch ID: 20991         | TestNo: <b>E200.8 E200.8</b>                       | Analysis Date: 5/5/2023                                   | SeqNo: <b>646576</b>                        |
| Analyte                               | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val                       | %RPD RPDLimit Qual                          |
| Lead                                  | 102                            | 0.520 100 0  | 102 70 130 101  | 1.24 20                                     |

Qualifiers:

Value exceeds Maximum Contaminant Level.

MI Recovery outside comtrol limits due to Matrix Interference

RL Reporting Detection Limit

<sup>1</sup> Sample container temperature is out of limit as specified at testcode

ND Not Detected at the Reporting Limit

H Holding times for preparation or analysis exceede

PL Permit Limit



## **QC SUMMARY REPORT**

WO#: **23041081** 

09-May-23

**Client:** Medford School District

Project: Annex Lead Test TestCode: LEAD\_DW

| Project: Annex Lead Tes            | st                             |  | TestCode: L                                  | EAD_DW                                      |
|------------------------------------|--------------------------------|--|--|---|
| Sample ID: MB-20992 Client ID: PBW | SampType: MBLK Batch ID: 20992 | TestCode: LEAD_DW Units: ppb TestNo: E200.8 E200.8 | Prep Date: 5/5/2023  Analysis Date: 5/5/2023 | RunNo: <b>39208</b><br>SegNo: <b>646600</b> |
| Analyte                            | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val          | %RPD RPDLimit Qual                          |
| Lead                               | ND                             | 0.515  |  |   |
| Sample ID: LCS-20992               | SampType: LCS                  | TestCode: LEAD_DW Units: ppb                       | Prep Date: 5/5/2023                          | RunNo: <b>39208</b>                         |
| Client ID: LCSW                    | Batch ID: 20992                | TestNo: <b>E200.8 E200.8</b>                       | Analysis Date: <b>5/5/2023</b>               | SeqNo: <b>646601</b>                        |
| Analyte                            | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val          | %RPD RPDLimit Qual                          |
| Lead                               | 102                            | 0.520 100 0  | 102 85 115                                   |   |
| Sample ID: <b>23041081-27AMS</b>   | SampType: <b>MS</b>            | TestCode: LEAD_DW Units: ppb                       | Prep Date: <b>5/5/2023</b>                   | RunNo: <b>39208</b>                         |
| Client ID: Metal Shop-Trough       | Batch ID: 20992                | TestNo: <b>E200.8 E200.8</b>                       | Analysis Date: 5/5/2023                      | SeqNo: <b>646603</b>                        |
| Analyte                            | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val          | %RPD RPDLimit Qual                          |
| Lead                               | 104                            | 0.520 100 3.85                                     | 100 70 130                                   |   |
| Sample ID: 23041081-27AMSD         | SampType: MSD                  | TestCode: LEAD_DW Units: ppb                       | Prep Date: 5/5/2023                          | RunNo: <b>39208</b>                         |
| Client ID: Metal Shop-Trough       | Batch ID: 20992                | TestNo: <b>E200.8 E200.8</b>                       | Analysis Date: 5/5/2023                      | SeqNo: <b>646604</b>                        |
| Analyte                            | Result                         | PQL SPK value SPK Ref Val                          | %REC LowLimit HighLimit RPD Ref Val          | %RPD RPDLimit Qual                          |
| Lead                               | 104                            | 0.520 100 3.85                                     | 100 70 130 104                               | 0.126 20                                    |

Qualifiers:

Value exceeds Maximum Contaminant Level.

MI Recovery outside comtrol limits due to Matrix Interference

RL Reporting Detection Limit

<sup>1</sup> Sample container temperature is out of limit as specified at testcode

ND Not Detected at the Reporting Limit

Holding times for preparation or analysis exceede

PL Permit Limit



#### Neilson Research Corporation 245 S Grape St Medford, OR 97501

TEL: (541) 770-5678 FAX: (541) 770-2901 Website: www.nrclabs.com

## Sample Log-In Check List

| Client | ient Name: MedfordSchoolDist Work Or |   | Work Order Number          | : 23041081    |             | RcptNo: 1     |  |  |  |  |  |
|--------|--------------------------------------|---|----------------------------|---------------|-------------|---------------|--|--|--|--|--|
| Logge  | ed by:                               | Tamra Schmedemann                                       | 4/27/2023 10:54:00 A       | М             | Tampa S     | Amederam .    |  |  |  |  |  |
| Comp   | leted By:                            | Jordan Diemer   | 4/28/2023 9:33:44 AN       | 1             | Sord        | South I       |  |  |  |  |  |
| Revie  | wed By:                              | Jordan Diemer   | 5/9/2023 12:02:22 PM       | 1             | Toda        | and I         |  |  |  |  |  |
| Chair  | n of Cus                             | stody   |                            |               |             |               |  |  |  |  |  |
| 1. Is  | S Chain of                           | Custody complete?                                       |                            | Yes 🗸         | No 🗆        | Not Present   |  |  |  |  |  |
| 2. H   | low was th                           | e sample delivered?                                     |                            | <u>Client</u> |             |               |  |  |  |  |  |
| Log I  | n                                    |   |                            |               |             |               |  |  |  |  |  |
| _      | oolers are                           | e present?  |                            | Yes           | No 🗌        | NA 🗸          |  |  |  |  |  |
| 4. S   | shipping co                          | ontainer/cooler in good co                              | ndition?                   | Yes 🗸         | No 🗌        |               |  |  |  |  |  |
| С      | sustody se                           | als intact on shipping con                              | tainer/cooler?             | Yes           | No 🗆        | Not Present 🗹 |  |  |  |  |  |
|        | 10.                                  | Seal D  |                            | Signed By     |             |               |  |  |  |  |  |
| 5. W   | Vas an atte                          | empt made to cool the sa                                | mples?                     | Yes 🗀         | No L        | NA 🗸          |  |  |  |  |  |
| 6. W   | Vere all sa                          | imples received at a temp                               | perature of >0° C to 6.0°C | Yes           | No 🗌        | NA 🗹          |  |  |  |  |  |
| 7. S   | Sample(s) i                          | in proper container(s)?                                 |                            | Yes 🗸         | No 🗌        |               |  |  |  |  |  |
| 8. S   | Sufficient s                         | ample volume for indicate                               | ed test(s)?                | Yes 🗸         | No 🗌        |               |  |  |  |  |  |
| 9. A   | re sample                            | es (except VOA and ONG                                  | ) properly preserved?      | Yes 🗸         | No 🗌        |               |  |  |  |  |  |
| 10. W  | Vas presei                           | rvative added to bottles?                               |                            | Yes 🗸         | No 🗌        | NA 🗌          |  |  |  |  |  |
|        |                                      |   |                            |               |             | HNO3 pH<2     |  |  |  |  |  |
|        |                                      |   | ss than 1/4 inch or 6 mm?  | Yes 🗌         | No 📙        | No VOA Vials  |  |  |  |  |  |
|        |                                      | sample containers receive                               |                            | Yes □         | No 🗸        |               |  |  |  |  |  |
| _      |                                      | rwork match bottle labels'<br>epancies on chain of cust |                            | Yes 🗸         | No 📙        |               |  |  |  |  |  |
|        |                                      | es correctly identified on C                            | * *                        | Yes 🗸         | No 🗌        |               |  |  |  |  |  |
|        |                                      | hat analyses were reques                                |                            | Yes 🗸         | No 🗌        |               |  |  |  |  |  |
|        |                                      | olding times able to be me                              |                            | Yes 🗸         | No 🗌        |               |  |  |  |  |  |
|        | -                                    | customer for authorization                              | on.)                       |               |             |               |  |  |  |  |  |
| -      |                                      | dling (if applicable)  notified of all discrepancie     | on with thin order?        | Yes           | No 🗌        | NA 🗹          |  |  |  |  |  |
| 17. W  |                                      |   | es with this order?        | 162           | NO 🗆        | NA 🖳          |  |  |  |  |  |
|        | Perso                                | n Notified:   | Date                       |               |             |               |  |  |  |  |  |
|        | By Wh                                |   | Via:                       | eMail         | Phone Fax   | ☐ In Person   |  |  |  |  |  |
|        | Regar                                | ,   |                            |               |             |               |  |  |  |  |  |
|        |                                      | Instructions:   |                            |               |             |               |  |  |  |  |  |
| _      | dditional r                          |   |                            |               |             |               |  |  |  |  |  |
| Cooler | Informati                            |   |                            | 1             |             |               |  |  |  |  |  |
|        | Cooler                               | No Temp °C Con  | dition   Seal Intact   Sea | l No Seal     | Date Signed | Ву            |  |  |  |  |  |



**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                                    |                           |  |                   |            |            |               |  | C<br>Informatio   |                       | Section D           |                           |  |
|--|---------------------------|--|-------------------|------------|------------|---------------|--|---|-----------------------|---------------------|---------------------------|--|
| Company: MSD 549C  |                           | Required Project Information Project Name: Annex Lead Test |                   | et         |            | : Accoun      |  | Rush Status (Subject to Scheduling) Standard 10-14 Days |                       |                     |                           |  |
| Address: 900 Kenyon St.  |                           |  | Number:           | 7 IIIIOX E |            |               | NAME OF THE PERSON NAME OF THE P |   | edford School Distric |                     |                           |  |
| Medford, OR 97501  |                           | ,  | andy.chas         | toon@      | modf       | ord k12       |  |   |                       | 3 Business Days (7  |                           |  |
|  |                           |  |                   |            |            |               |  |   |                       |                     |                           |  |
| <u> </u>   |                           | Сору і   | larry.ande        | erson@     | meai       | ora.K12.      |  |   |                       | 24 - 48 hours (100° | % surcharge)              |  |
| Phone: 541-601-5183 Fax:   |                           |  |                   |            |            |               | P.O. #   | P12300  | 0                     | Other               |                           |  |
| Collected By (Print): SETH BMV-Y   |                           |  |                   |            |            |               |  |   | ic (1)                | Authorized _        | Yes No                    |  |
| Collected By (Sign):   |                           |  |                   |            |            | Mary.         | Anal   | ysis Reque  | ested                 |                     |                           |  |
| Email Report _x_ Yes No Mail Report Yes No                               |                           |  |                   |            | S          |               |  |   |                       |                     |                           |  |
| Fax Report YesNo   |                           |  |                   |            | Containers |               |  | + 4   |                       |                     |                           |  |
|  |                           |  |                   |            | ıtai       |               |  |   |                       |                     |                           |  |
| Section E<br>Sample Information  |                           |  |                   |            |            |               |  |   |                       | NRC Workorder # 7   | 3041081-                  |  |
| Sample ID  | Bottle                    | Matrix*  | Date<br>Collected | Time       | No. of     |               |  |   |                       | Remarks/Field Data  | NRC Sample (Lab Use Only) |  |
| Facilities Break Room - Sink   |                           | DW   | 4/27              | 6:01       | -          |               |  | 1 1 1   |                       |                     | (Lab use Only)            |  |
| acilities Break Room Refrigerator - Ice Maker DISCO N                    |                           | -DW-   | 7/6/              | 0.01       |            |               |  |   |                       |                     |                           |  |
| acilities Office - Drinking Fountain (Bottom of Stairs/Outside Restrooms | s)                        | DW   |                   | 6:02       |            |               |  |   |                       |                     | 60                        |  |
| acilities Office Men's Restroom - Sink (Left)                            | Í                         | DW   |                   | 6:03       |            |               |  |   |                       |                     | 03                        |  |
| facilities Office Men's Restroom - Sink (Right)                          |                           | DW   |                   | 604        |            |               |  |   |                       |                     | 64                        |  |
| acilities Office Women's Restroom - Sink (Left)                          | 100                       | DW   |                   | 605        |            |               |  |   |                       |                     | 05                        |  |
| acilities Office Women's Restroom - Sink (Right)                         |                           | DW   |                   | 606        |            |               |  |   |                       | 70.00               | 06                        |  |
| Varehouse - Ice Machine  | 16.                       | DW   |                   | 647        |            |               |  |   |                       |                     | 70                        |  |
| Varehouse - Eye Wash   |                           | DW   |                   |            |            | _             |  |   |                       |                     |                           |  |
| Varehouse Unisex Restroom - Sink   | 4                         | DW   |                   | 600        |            |               |  |   |                       |                     | 08                        |  |
| NTS Break Room - Sink  | 1                         | DW   | 199               | 609        |            |               |  |   |                       |                     | 09                        |  |
| ITS Men's Restroom - Sink No SAMPLE -                                    |                           | DW   |                   |            |            | -             |  |   |                       |                     | -                         |  |
| ITS Women's Restroom - Sink  |                           | DW   |                   | 611        |            | na Par        |  | 1 1   |                       |                     | 10                        |  |
| len's Restroom Outside NTS (C2) Entrance - Sink (Left)                   |                           | DW   |                   |            |            |               |  |   |                       |                     |                           |  |
| len's Restroom Outside NTS (C2) Entrance - Sink (Middle)                 | - 1,10                    | DW   |                   |            |            |               |  | 1144  |                       |                     |                           |  |
| len's Restroom Outside NTS (C2) Entrance - Sink (Right)                  |                           | DW   |                   |            |            |               |  |   |                       |                     |                           |  |
| Jemen's Restroom Outside NTS (C2) Entrance - Sink (Left)                 | 1 (1) (1) (1) (1) (1) (1) | DW   |                   |            |            | Lead New York | de la  |   |                       |                     |                           |  |
| Iomen's Restroom Outside NTS (C2) Entrance - Sink (Right)                | -                         | DW   |                   |            |            |               |  |   |                       |                     |                           |  |
| structional Media Center (IMC) Break Room Sink                           | ×16.057                   | DW   |                   | de Campile | ke i i     |               |  |   |                       |                     |                           |  |
| ublications - Sink   |                           | DW   |                   | 612        | 75.79      |               |  |   |                       |                     | 11                        |  |
| T Break Room - Sink  |                           | DW   |                   | 614        |            | -14           |  | 0 13  |                       |                     | 12                        |  |
| T Break Room Refrigerator - Ice Maker                                    |                           | DW   | Well to The       | 615        | 1/         |               |  |   | 11 10 11 11 11        |                     | 13                        |  |
| cross From IT Break Room Men's Restroom - Sink (Left)                    | 1231                      | DW   |                   | 6 Bag      | e 16       | of 18         |  | 94  |                       |                     | 14                        |  |
| Across From IT Break Room Men's Restroom - Sink (Right)                  | 101101                    | DW   | V                 | 417        |            |               |  |   |                       |                     | 1 00                      |  |

|  |              |              |                   |             |        | <u> </u>    |         |         |      | <u> Maria (al Vantas and</u> | Zof.   |
|--|--------------|--------------|-------------------|-------------|--------|-------------|---------|---------|------|------------------------------|--------|
| Across From IT Break Room Women's Restroom - Sink  | DW           | 4/27         | 620               |             |        |             |         |         |      |                              | 16     |
| Upstairs (Dance Room) - Drinking Fountain  | DW           | 1            | 150               |             |        |             |         |         |      |                              | 17     |
| Upstairs (Police Training Room) - Drinking Fountain  | DW           |              | 627               |             |        |             |         |         |      |                              | 18     |
| Upstairs (Police Training Room) - Sink   | DW           |              | 623               |             |        |             |         |         |      |                              | 19     |
| IT/Paint Shop Men's Restroom - Sink (Left)   | DW           |              | 459               |             |        |             |         |         |      |                              | ao     |
| IT/Paint Shop Men's Restroom - Sink (Right)  | DW           |              | 625               |             |        |             | 1       |         |      |                              | 21     |
| IT/Paint Shop Women's Restroom - Sink (Left)   | DW           |              | 626               |             | 4      | Tall let    |         |         |      |                              | 23     |
| IT/Paint Shop Women's Restroom - Sink (Right)  | DW           |              | 627               |             |        |             |         |         |      |                              | 23     |
| Paint Booth Shop - Sink (Utility)  | DW           |              | 678               |             |        |             |         |         | T    |                              | 24     |
| Carpenter Shop Drinking Fountain 2   | DW           |              |                   | 7 0 0       |        |             |         |         | +    |                              |        |
| Carpenter Shop Men's Restroom - Sink   | DW           |              | 630               |             |        |             |         |         | +    |                              | 25     |
| Metal Shop - Trough Sink (Left Fixture)  | DW           |              | 631               |             |        |             |         |         | +    |                              | 24     |
| Metal Shop - Trough Sink (Right Fixture)   | DW           |              | 632               | 111116      |        |             |         |         | +    |                              | 27     |
| the state of the s | DW           |              | +,,,              |             |        |             |         |         | +    |                              | 7      |
|  | DW           |              |                   |             |        |             |         |         | +    |                              |        |
|  | DW           |              |                   |             |        |             |         |         | +    |                              |        |
|  | DW           |              |                   |             |        |             | 1 -1 -1 |         | +    |                              |        |
|  |              |              |                   |             |        |             |         |         | +    |                              |        |
|  |              |              |                   |             |        |             |         |         | +    |                              |        |
|  |              |              |                   |             |        |             | +       |         | +    |                              |        |
|  |              |              |                   |             |        |             |         |         | +    |                              |        |
|  |              |              |                   |             |        |             | +       |         | +    |                              |        |
|  |              | 1771         |                   |             |        |             | -       |         | +    |                              |        |
|  |              |              |                   |             |        |             |         |         | +    |                              |        |
|  |              |              |                   |             |        |             | +       |         | +    |                              |        |
|  |              |              |                   |             | _      |             | +-      |         | +    |                              |        |
|  |              |              |                   |             |        |             | -       |         | +    |                              |        |
| 1 10 10 1 1 10 10 10 10 10 10 10 10 10 1   |              |              |                   |             |        |             |         |         | _    |                              |        |
|  |              |              |                   |             |        |             | -       |         | -    |                              |        |
|  |              |              |                   |             |        |             | -       |         | +    |                              |        |
|  |              |              |                   |             |        |             |         |         | +    |                              |        |
|  |              |              |                   |             |        |             |         |         | +    |                              |        |
| *Matrix: DW - Drinking Water WW - Waste  | ewater W - W | Vater S - So | il/Solid SL - Sli | udge O - Oi | WP - V | Vipe OT - 0 | Other   |         |      |                              |        |
| Section F  |              |              |                   |             |        |             |         |         |      | Section G                    |        |
| Relinquish/Receive Sign  |              | Print        |                   |             |        | Date        |         | Time    | ,    | Lab Use Only                 | an l   |
| Relinquished By:   |              | SET          | H BARRY           |             |        | 4/27        |         | 10:54   | 4    | Temp:                        | 11112  |
| Received By: Relinquished By:  |              |              |                   |             |        |             |         |         | +    | 4°C +/- 2°C: Yes             | S NO   |
| Received By:   |              |              |                   |             |        |             |         |         | 1    | Number of Bottles Red        |        |
| Relinquished By:   |              |              |                   | Λ           | 0.00   | 1           | 1       |         | 1    | pH Checked: j/               |        |
| Received By Laboratory: James Schmed   | 2111         | 10           | mre Si            | has         | den    | 4/2         | 1/2     | 3 1005  | 4    | COC Seals Intact:            |        |
| 1 11100  |              |              |                   |             | "      |             |         |         |      | Field Blank Included:        | Yes No |
|  |              |              |                   |             | _      |             |         | Receive | ed V | ia UPS FedE                  |        |
|  |              |              |                   |             | Pay    | ment: 🖳     | Invoice | Cash    | VIS  | SA, M/C Check #              | Amount |

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

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

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



**Data Flags** 

WO#: **23041081**Date: **5/9/2023** 

- A Total Alkalinity and Bicarbonate Alkalinity results are to a pH endpoint of 4.5. Carbonate Alkalinity result is to a pH endpoint of 8.3.
- B Analyte detected in the associated method blank.
- C Sample(s) does not meet NELAP/ORELAP sample acceptance criteria. See Case Narrative.
- C1 Sample(s) does not meet NELAP/ORELAP sample acceptance criteria for temperature.
- CF Results confirmed by re-analysis.
- CU Cleanup performed as specified by method.
- E Estimated value.
- ER Elevated reporting limit due to matrix. Report limits (MDLs, MRLs & PQLs) are adjusted based on variations in sample preparation amounts, analytical dilutions, and percent solids, where applicable.
- FC Fecal Coliforms: Sample(s) received past 40 CFR Part 136 specified holding time. Results reported as estimated values.
- HP Sample re-analysis performed outside of method specified holding time.
- HR Sample received outside of method specified holding time.
- HS Sample analyzed for volatile organics contained headspace.
- HT At the client's request, the sample was analyzed outside of method specified holding time.
- H Analysis performed outside of method specified holding time.
- J Analyte detected below the Minimum Reporting Limit (MRL) and above the Method Detection Limit (MDL). The J flag result is an estimated value and the user should be aware that this data is of limited reliability.
- L Dissolved metals were not filtered within 15 minutes of collection per 40 CFR Part 136.
- MI Surrogate, Duplicate Sample (DUP) or Matrix Spikes recoveries are out of control limits due to matrix interference. Sample results may be biased.
- N See Case Narrative on page 2 of report.
- Q Initial calibration verification (ICV), continuing calibration verification (CCV) or laboratory control sample (LCS) exceeded high recovery limits, but associated samples are non-detect and the sample results are not affected. Data meets EPA/NELAP requirements.
- R Relative percent difference (RPD) is outside of the accepted recovery limits.
- R3 The relative percent difference (RPD) and/or percent recovery for the duplicate (DUP) or matrix spike (MS)/matrix spike duplicate (MSD) cannot be accurately calculated due to the concentration of analyte already present in the sample.
- R4 The Relative percent difference (RPD) is not within control limits because the concentration of the sample result is too low to represent proper statistical error.
- S Surrogate and/or matrix spike recovery is outside of the accepted recovery limits. Sample results may be biased.
- S1 Surrogate or matrix spike recovery is outside of control limits due to dilution necessary for analysis.
- SC Sub-contracted to another laboratory for analysis.
- SP Sample(s) were not collected per EPA Method 5035A protocols. The results are considered minimum values.
- \* Value exceeds Maximum Contaminant Level or is outside the acceptable range.