



# NEILSON RESEARCH CORPORATION

*Environmental Testing Laboratory*

7/28/2016

Rick Rose  
Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

TEL: (541) 842-1138

FAX 541-842-1160

RE: 16-16 Hoover Elementary Copper Retest

Order No.: 1607B37

Dear Rick Rose:

Neilson Research Corporation received 2 sample(s) on 7/26/2016 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:** 16-16 Hoover Elementary Copper Retest  
**Lab Order:** 1607B37

**Date:** 28-Jul-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.

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## Analysis Report

ORELAP 100016  
EPA OR00028

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: **1607B37**  
NRC Sample ID: **1607B37-01A**  
Collection Date: **7/26/2016 3:52:00 PM**  
Received Date: **7/26/2016 4:32:00 PM**  
Reported Date: **7/28/2016 3:36:45 PM**

### Sample Information:

**16-16 Hoover Elementary Copper Retest**

Client Sample ID: Bottle #19491  
Collectors Name: John Jessen  
Sample Location: Rm 61 DF (2nd Retest)  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Copper	EPA 200.8	A	<b>0.0304</b>		0.000515	mg/L	1.3 AL	7/28/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

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## Analysis Report

ORELAP 100016  
EPA OR00028

Medford School District  
815 S Oakdale Ave  
Medford, OR 97501

Lab Order: **1607B37**  
NRC Sample ID: **1607B37-02A**  
Collection Date: **7/26/2016 3:54:00 PM**  
Received Date: **7/26/2016 4:32:00 PM**  
Reported Date: **7/28/2016 3:36:45 PM**

### Sample Information:

**16-16 Hoover Elementary Copper Retest**

Client Sample ID: Bottle #11284  
Collectors Name: John Jessen  
Sample Location: Rm 62 DF (2nd Retest)  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Copper	EPA 200.8	A	<b>0.0290</b>		0.000515	mg/L	1.3 AL	7/28/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

**CLIENT:** Medford School District  
**Work Order:** 1607B37  
**Project:** 16-16 Hoover Elementary Copper Retest

**ANALYTICAL QC SUMMARY REPORT**

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

Sample ID <b>MB-35981</b>	SampType: <b>MBLK</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>7/27/2016</b>	RunNo: <b>88754</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>35981</b>	TestNo: <b>EPA 200.8</b>	<b>(EPA 200.8)</b>	Analysis Date: <b>7/28/2016</b>	SeqNo: <b>1333112</b>						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper ND 0.000515

Sample ID <b>LCS-35981</b>	SampType: <b>LCS</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>7/27/2016</b>	RunNo: <b>88754</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>35981</b>	TestNo: <b>EPA 200.8</b>	<b>(EPA 200.8)</b>	Analysis Date: <b>7/28/2016</b>	SeqNo: <b>1333113</b>						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 0.1004 0.000520 0.1 0.0001503 100 85 115

Sample ID <b>1607B47-01AMS</b>	SampType: <b>MS</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>7/27/2016</b>	RunNo: <b>88754</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>35981</b>	TestNo: <b>EPA 200.8</b>	<b>(EPA 200.8)</b>	Analysis Date: <b>7/28/2016</b>	SeqNo: <b>1333130</b>						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 0.1120 0.000520 0.1 0.01044 102 70 130

Sample ID <b>1607B47-01AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>ICPMS_200.8</b>	Units: <b>mg/L</b>	Prep Date: <b>7/27/2016</b>	RunNo: <b>88754</b>						
Client ID: <b>ZZZZZ</b>	Batch ID: <b>35981</b>	TestNo: <b>EPA 200.8</b>	<b>(EPA 200.8)</b>	Analysis Date: <b>7/28/2016</b>	SeqNo: <b>1333131</b>						
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Copper 0.1101 0.000520 0.1 0.01044 99.7 70 130 0.112 1.69 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

