



# NEILSON RESEARCH CORPORATION

*Environmental Testing Laboratory*

10/27/2016

Allen Walz  
Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

TEL: (541) 247-6647  
FAX

RE: Lead Testing Gold Beach High School

Order No.: 1610677

Dear Allen Walz:

Neilson Research Corporation received 9 sample(s) on 10/18/2016 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

245 S Grape St • Medford, OR 97501 • (541) 770-5678  
400 SE G St, Suite B • Grants Pass, OR 97526 • (541) 479-4053

[www.nrclabs.com](http://www.nrclabs.com)

# *Neilson Research Corporation*

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

## **Analysis Report**

ORELAP 100016  
EPA OR00028

**CLIENT:** Central Curry School District #1  
**Project:** Lead Testing Gold Beach High School  
**Lab Order:** 1610677

**Date:** 27-Oct-16

## **CASE NARRATIVE**

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

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

# Neilson Research Corporation

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

## Analysis Report

ORELAP 100016  
EPA OR00028

Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

Lab Order: 1610677  
NRC Sample ID: 1610677-01A  
Collection Date: 10/17/2016 7:13:00 AM  
Received Date: 10/18/2016 9:50:00 AM  
Reported Date: 10/27/2016 1:04:26 PM

### Sample Information:

Lead Testing Gold Beach High School

Client Sample ID: Bottle #21484  
Collectors Name: Allen J Walz  
Sample Location: IG  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	1.97		0.1	ppb	20 AL	10/21/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

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

## Analysis Report

ORELAP 100016  
EPA OR00028

Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

Lab Order: 1610677  
NRC Sample ID: 1610677-02A  
Collection Date: 10/17/2016 7:35:00 AM  
Received Date: 10/18/2016 9:50:00 AM  
Reported Date: 10/27/2016 1:04:27 PM

### Sample Information:

Lead Testing Gold Beach High School

Client Sample ID: Bottle #21455  
Collectors Name: Allen J Walz  
Sample Location: 2G  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.692		0.1	ppb	20 AL	10/21/2016	OML

Notes: ND - Not Detected at the MRL

N L - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

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

## Analysis Report

ORELAP 100016  
EPA OR00028

Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

Lab Order: 1610677  
NRC Sample ID: 1610677-03A  
Collection Date: 10/17/2016 7:48:00 AM  
Received Date: 10/18/2016 9:50:00 AM  
Reported Date: 10/27/2016 1:04:27 PM

### Sample Information:

Lead Testing Gold Beach High School

Client Sample ID: Bottle #21454  
Collectors Name: Allen J Walz  
Sample Location: 3G  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	60.4	*CF	0.1	ppb	20 AL	10/21/2016	OML

Notes: ND - Not Detected at the MRL

N L - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

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

## Analysis Report

ORELAP 100016  
EPA OR00028

Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

Lab Order: 1610677  
NRC Sample ID: 1610677-04A  
Collection Date: 10/17/2016 7:57:00 AM  
Received Date: 10/18/2016 9:50:00 AM  
Reported Date: 10/27/2016 1:04:27 PM

### Sample Information:

Lead Testing Gold Beach High School

Client Sample ID: Bottle #21476  
Collectors Name: Allen J Walz  
Sample Location: 4G  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	6.45		0.1	ppb	20 AL	10/21/2016	OML

Notes: ND - Not Detected at the MRL

N L - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

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

## Analysis Report

ORELAP 100016  
EPA OR00028

Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

Lab Order: 1610677  
NRC Sample ID: 1610677-05A  
Collection Date: 10/17/2016 7:40:00 AM  
Received Date: 10/18/2016 9:50:00 AM  
Reported Date: 10/27/2016 1:04:27 PM

### Sample Information:

Lead Testing Gold Beach High School

Client Sample ID: Bottle #21479  
Collectors Name: Allen J Walz  
Sample Location: 5G  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	124	*CF	0.1	ppb	20 AL	10/21/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

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

## Analysis Report

ORELAP 100016  
EPA ORC0028

Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

Lab Order: 1610677  
NRC Sample ID: 1610677-06A  
Collection Date: 10/17/2016 7:41:00 AM  
Received Date: 10/18/2016 9:50:00 AM  
Reported Date: 10/27/2016 1:04:27 PM

### Sample Information:

Lead Testing Gold Beach High School

Client Sample ID: Bottle #21478  
Collectors Name: Allen J Walz  
Sample Location: 6G  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	4.52		0.1	ppb	20 AL	10/21/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit



# Neilson Research Corporation

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

ORELAP 100016  
EPA OR00028

## Analysis Report

Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

Lab Order: 1610677  
NRC Sample ID: 1610677-07A  
Collection Date: 10/17/2016 7:45:00 AM  
Received Date: 10/18/2016 9:50:00 AM  
Reported Date: 10/27/2016 1:04:27 PM

### Sample Information:

Lead Testing Gold Beach High School

Client Sample ID: Bottle #21480  
Collectors Name: Allen J Walz  
Sample Location: 7G  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	5.81		0.1	ppb	20 AL	10/21/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

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

## Analysis Report

ORELAP 100016  
EPA OR00028

Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

Lab Order: 1610677  
NRC Sample ID: 1610677-08A  
Collection Date: 10/17/2016 7:46:00 AM  
Received Date: 10/18/2016 9:50:00 AM  
Reported Date: 10/27/2016 1:04:27 PM

### Sample Information:

Lead Testing Gold Beach High School

Client Sample ID: Bottle #21466  
Collectors Name: Allen J Walz  
Sample Location: 8G  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	37.9	°CF	0.1	ppb	20 AL	10/21/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

# Neilson Research Corporation

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

ORELAP 100016  
EPA OR00028

## Analysis Report

Central Curry School District #1  
29516 Ellensburg Ave  
Gold Beach, OR 97444

Lab Order: 1610677  
NRC Sample ID: 1610677-09A  
Collection Date: 10/17/2016 7:46:00 AM  
Received Date: 10/18/2016 9:50:00 AM  
Reported Date: 10/27/2016 1:04:27 PM

### Sample Information:

Lead Testing Gold Beach High School

Client Sample ID: Bottle #21461  
Collectors Name: Allen J Walz  
Sample Location: 9G  
Source: City Water

## ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	13.9		0.1	ppb	20 AL	10/21/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

## Neilson Research Corporation

### DATA FLAGS

B	Analyte detected in the associated method blank.
BA	BOD Alternative Calculation: The initial results performed by Standard Methods did not fall within parameters of the Standard Methods calculation. An alternate approved calculation was performed using the HACH method and the value reported is an estimated concentration.
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.
D1	The diesel elution pattern for the sample is not typical.
D2	The sample appears to be a heavier hydrocarbon range than diesel.
D3	The sample appears to be a lighter hydrocarbon range than diesel.
D4	Detected hydrocarbons do not have pattern and range consistent with typical petroleum products and may be due to biogenic interference.
D5	Detected hydrocarbons in the diesel range appear to be weathered diesel.
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.
G1	The gasoline elution pattern for the sample is not typical.
G2	The sample appears to be a heavier hydrocarbon range than gasoline.
G3	The sample appears to be a lighter hydrocarbon range than gasoline.
G4	Detected hydrocarbons in the gasoline range appear to be weathered gasoline.
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.
MI	Surrogate or Matrix Spike recovery is out of control limits due to matrix interference. Sample results may be biased.
N	See Case Narrative on page 2 of report.
Q	Closing 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.
R1	Relative percent difference (RPD) is outside of the accepted recovery limits. However, analyses are not controlled on RPD values for sample concentrations that are less than the reporting limit.
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	Duplicate analysis failed due to result being at or near method reporting limit.
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.
T	Toxicity Characteristic Leaching Procedure – Sample submitted contained < 0.5% solids. If the waste contains <0.5% dry solids, the liquid portion of the waste, after filtration, is defined as the TCLP extract.
#	Value exceeds regulatory level for TCLP contaminant.
X1	The motor oil elution pattern for the sample is not typical.
X2	The sample appears to be a heavier hydrocarbon range than motor oil.
X3	The sample appears to be a lighter hydrocarbon range than motor oil.
*	Value exceeds Maximum Contaminant Level or is outside the acceptable range.

# Neilson Research Corporation

Date: 27-Oct-16

CLIENT: Central Curry School District #1  
 Work Order: 1610677

Project: Lead Testing Gold Beach High School

## ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS\_PB\_SCHOOL

Sample ID	MB-36845	SampType: MBLK	TestCode: ICPMS_PB_S	Units: ppb	Prep Date: 10/21/2016	RunNo: 90779					
Client ID	ZZZZZ	Batch ID: 36845	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 10/21/2016	SeqNo: 1375308					
Analyte	Result	MRL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	ND	0.100									

Sample ID	LCS-36845	SampType: LCS	TestCode: ICPMS_PB_S	Units: ppb	Prep Date: 10/21/2016	RunNo: 90779					
Client ID	ZZZZZ	Batch ID: 36845	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 10/21/2016	SeqNo: 1375309					
Analyte	Result	MRL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	98.10	0.100	100	0	98.1	85	115				

Sample ID	1610732-05AMS	SampType: MS	TestCode: ICPMS_PB_S	Units: ppb	Prep Date: 10/21/2016	RunNo: 90779					
Client ID	ZZZZZ	Batch ID: 36845	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 10/21/2016	SeqNo: 1375323					
Analyte	Result	MRL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	96.75	0.100	100	0.5508	96.2	70	130				

Sample ID	1610732-05AMSD	SampType: MSD	TestCode: ICPMS_PB_S	Units: ppb	Prep Date: 10/21/2016	RunNo: 90779					
Client ID	ZZZZZ	Batch ID: 36845	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 10/21/2016	SeqNo: 1375324					
Analyte	Result	MRL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	97.72	0.100	100	0.5508	97.2	70	130	96.75	0.998	20	

Qualifiers: F 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 • Madford, 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**

Company: Central Chemical  
 Address: 29516 Ecclesville Ave  
 City: Madison State: OR Zip: 97444  
 Email: g.lucas@centralchemical.com  
 Phone: 541 247 6689  
 Collected By (Print): Alison J White  
 Collected By (Sign): [Signature]  
 Email Report  Yes  No Mail Report  Yes  No  
 Fax Report  Yes  No

**Section B**

**Required Project Information**

Project Name: GRHS  
 Project Number: \_\_\_\_\_  
 Report To: \_\_\_\_\_  
 Copy To: \_\_\_\_\_

**Section C**

**Invoice Information**

Attention: Kristal Clepper  
 Company Name: Central Chemical  
 Address: 29516 Ecclesville Ave  
 City: Madison State: OR Zip: 97444  
 P.O.# \_\_\_\_\_

**Section D**

**Rush Status (Subject to Scheduling)**

Standard 10-14 Days  
 5 Business Days (60% surcharge)  
 3 Business Days (75% surcharge)  
 24 - 48 hours (100% surcharge)  
 Other \_\_\_\_\_  
 Authorized  Yes  No

**Section E**

**Sample Information**

Sample ID	Comp/Grab	Matrix	Date Collected	Time Collected	No. of Containers	Analyte Requested	NRC Workorder # (Use use only)	NRC Sample # (Use use only)
116	21454		10/17	7:13	1	Lead	1610671	01
33	21453		10/17	7:35	1			02
42	21451		10/17	7:43	1			03
51	21476		10/17	7:57	1			04
60	21479		10/17	7:40	1			05
70	21475		10/17	7:41	1			06
80	21480		10/17	7:45	1			07
90	21466		10/17	7:46	1			08
98	21461		10/17	7:46	1			09

\*Main: DW - Drinking Water WWR - Wastewater W - Water S - Solids SL - Sludge O - Oil WP - W/ign OT - Other

**Section F**

Reinquired/Received By: \_\_\_\_\_ Sign \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_  
 Reinquired/Received By: \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_  
 Reinquired/Received By: \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_  
 Reinquired/Received By: \_\_\_\_\_  
 Date \_\_\_\_\_ Time \_\_\_\_\_  
 Received By Laboratory: Central Chemical 10/16/09 9:59 AM

**Section G**

Lab Use Only  
 Temp: Amo  
 4°C +/- 2°C  Yes  No  
 Received on ice  Yes  No  
 Number of Bottles Received: 9  
 pH Checked: NA  
 CQC Seal Intact:  Yes  No  
 Field Blank Included:  Yes  No

Payment:  Invoice  Cash  VISA  M/C  Check # \_\_\_\_\_  
 Returned Via  UPS  FedEx  Other  Hand  
 Amount: \_\_\_\_\_