

Neilson Research Corporation

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

Analysis Report

ORELAP 100016
EPA OR00028

CLIENT: Box R Waterlab
Project: X022782 Windy River Elem Lead Study
Lab Order: 1606B44

Date: 07-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

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: 1606B44
NRC Sample ID: 1606B44-01A
Collection Date: 6/23/2016 10:35:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/7/2016 2:17:17 PM

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #1
Collectors Name: SKM
Sample Location: Main Hallway Lower DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000335		0.000103	mg/L	0.020 AL	7/4/2016	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

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: 1606B44
NRC Sample ID: 1606B44-02A
Collection Date: 6/23/2016 10:36:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/7/2016 2:17:17 PM

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #2
Collectors Name: SKM
Sample Location: Teacher Lounge Sink
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000959		0.000103	mg/L	0.020 AL	7/4/2016	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

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: 1606B44
NRC Sample ID: 1606B44-03A
Collection Date: 6/23/2016 10:37:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/7/2016 2:17:17 PM

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #3
Collectors Name: SKM
Sample Location: Main Hall by Cafeteria Higher
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000320		0.000103	mg/L	0.020 AL	7/4/2016	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

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: 1606B44
NRC Sample ID: 1606B44-04A
Collection Date: 6/23/2016 10:42:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/7/2016 2:17:17 PM

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #5
Collectors Name: SKM
Sample Location: Room B-4 DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000656		0.000103	mg/L	0.020 AL	7/4/2016	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

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: **1606B44**
NRC Sample ID: **1606B44-05A**
Collection Date: **6/23/2016 10:40:00 AM**
Received Date: **6/27/2016 12:30:00 PM**
Reported Date: **7/7/2016 2:17:17 PM**

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #6
Collectors Name: SKM
Sample Location: Room B-1 DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000473		0.000103	mg/L	0.020 AL	7/4/2016	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

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: 1606B44
NRC Sample ID: 1606B44-06A
Collection Date: 6/23/2016 6:25:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/7/2016 2:17:17 PM

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #7
Collectors Name: SKM
Sample Location: Kitchen Sink by Cooler
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.00375		0.000103	mg/L	0.020 AL	7/4/2016	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

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: 1606B44
NRC Sample ID: 1606B44-07A
Collection Date: 6/23/2016 10:50:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/7/2016 2:17:17 PM

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #8
Collectors Name: SKM
Sample Location: Kitchen Veg Prep Sink
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.00177		0.000103	mg/L	0.020 AL	7/4/2016	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

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: 1606B44
NRC Sample ID: 1606B44-08A
Collection Date: 6/23/2016 10:32:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/7/2016 2:17:17 PM

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #9
Collectors Name: SKM
Sample Location: Main Hall Higher DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.000339		0.000103	mg/L	0.020 AL	7/4/2016	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 OR00029

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: **1606B44**
NRC Sample ID: **1606B44-09A**
Collection Date: **6/23/2016 11:01:00 AM**
Received Date: **6/27/2016 12:30:00 PM**
Reported Date: **7/7/2016 2:17:17 PM**

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #10
Collectors Name: SKM
Sample Location: A-3 Classroom DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.00369		0.000103	mg/L	0.020 AL	7/4/2016	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 OR0028

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: 1606B44
NRC Sample ID: 1606B44-10A
Collection Date: 6/23/2016 11:00:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/7/2016 2:17:17 PM

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #11
Collectors Name: SKM
Sample Location: A-2 Classroom DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000939		0.000103	mg/L	0.020 AL	7/4/2016	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

Box R Waterlab
567 NW Second Street
Prineville, OR 97754

Lab Order: 1606B44
NRC Sample ID: 1606B44-11A
Collection Date: 6/23/2016 10:47:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/7/2016 2:17:17 PM

Sample Information:

X022782 Windy River Elem Lead Study

Client Sample ID: X022782 #13
Collectors Name: SKM
Sample Location: Cafeteria Hallway Lower DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.000384		0.000103	mg/L	0.020 AL	7/5/2016	OML

Notes: ND - Not Detected at the MRL

N.L. - No Limit

MRL - Minimum Reporting Limit

Neilson Research Corporation

Date: 07-Jul-16

CLIENT: Box R Waterlab
 Work Order: 1606B44

ANALYTICAL QC SUMMARY REPORT

Project: X022782 Windy River Elem Lead Study

BatchID: 35673

Sample ID	MB-35673	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 7/2/2016	RunNo: 88212					
Client ID:	ZZZZZ	Batch ID: 35673	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/4/2016	SeqNo: 1319434					
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	ND	0.000104									

Sample ID	LCS-35673	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 7/2/2016	RunNo: 88212					
Client ID:	ZZZZZ	Batch ID: 35673	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/4/2016	SeqNo: 1319435					
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	0.09644	0.000104	0.1	0	96.4	85	115				

Sample ID	1606B46-09AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 7/2/2016	RunNo: 88231					
Client ID:	ZZZZZ	Batch ID: 35673	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/5/2016	SeqNo: 1319752					
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	0.09844	0.000104	0.1	0.0007218	97.7	70	130				

Sample ID	1606B46-09AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 7/2/2016	RunNo: 88231					
Client ID:	ZZZZZ	Batch ID: 35673	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/5/2016	SeqNo: 1319753					
Analyte	Result	MRL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Lead	0.09833	0.000104	0.1	0.0007218	97.6	70	130	0.09844	0.106	20	

Qualifiers: E Value above quantitation range
 ND Not Detected at the Minimum Reporting Limit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits