

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: X022779-80 N End Dist Office Lead Study
Lab Order: 1606B40

Date: 06-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: **1606B40**
NRC Sample ID: **1606B40-01A**
Collection Date: **6/23/2016 9:20:00 AM**
Received Date: **6/27/2016 12:30:00 PM**
Reported Date: **7/6/2016 3:05:04 PM**

Sample Information:

X022779-80 N End Dist Office Lead Study

Client Sample ID: X022780 #1
Collectors Name: SKM
Sample Location: Coffee Sink
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date	
		Accredited	Result					Analyzed	Analyst
Lead	EPA 200.8	A	0.00365		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: 1606B40
NRC Sample ID: 1606B40-02A
Collection Date: 6/23/2016 9:21:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/6/2016 3:05:04 PM

Sample Information:

X022779-80 N End Dist Office Lead Study

Client Sample ID: X022780 #2
Collectors Name: SKM
Sample Location: DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.000523		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: 1606B40
NRC Sample ID: 1606B40-03A
Collection Date: 6/23/2016 9:22:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/6/2016 3:05:04 PM

Sample Information:

X022779-80 N End Dist Office Lead Study

Client Sample ID: X022779 #1
Collectors Name: SKM
Sample Location: Mec Kitchen
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP		Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
		Accredited	Result						
Lead	EPA 200.8	A	0.00382		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: 1606B40
NRC Sample ID: 1606B40-04A
Collection Date: 6/23/2016 9:23:00 AM
Received Date: 6/27/2016 12:30:00 PM
Reported Date: 7/6/2016 3:05:04 PM

Sample Information:

X022779-80 N End Dist Office Lead Study

Client Sample ID: X022779 #2
Collectors Name: SKM
Sample Location: Mec Hall DF
Source: City Water

ANALYTICAL RESULTS

Analyses	Method	NELAP Accredited	Result	Qual	MRL	Units	EPA Limit	Date Analyzed	Analyst
Lead	EPA 200.8	A	0.000378		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

Neilson Research Corporation

Date: 06-Jul-16

CLIENT: Box R Waterlab
 Work Order: 1606B40

ANALYTICAL QC SUMMARY REPORT

Project: X022779-80 N End Dist Office Lead Study

BatchID: 35607

Sample ID: MB-35607	SampType: MBLK	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/28/2016	RunNo: 88212						
Client ID: ZZZZZ	Batch ID: 35607	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/4/2016	SeqNo: 1319378						
Analyte	Result	MRL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.000104	0.1	0	98.8	85	115				

Sample ID: LCS-35607	SampType: LCS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/28/2016	RunNo: 88212						
Client ID: ZZZZZ	Batch ID: 35607	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/4/2016	SeqNo: 1319379						
Analyte	Result	MRL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.09878	0.000104	0.1	0	98.8	85	115				

Sample ID: 1606B41-11AMS	SampType: MS	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/28/2016	RunNo: 88212						
Client ID: ZZZZZ	Batch ID: 35607	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/4/2016	SeqNo: 1319402						
Analyte	Result	MRL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.09891	0.000104	0.1	0.0003208	98.6	70	130				

Sample ID: 1606B41-11AMSD	SampType: MSD	TestCode: ICPMS_200.8	Units: mg/L	Prep Date: 6/28/2016	RunNo: 88212						
Client ID: ZZZZZ	Batch ID: 35607	TestNo: EPA 200.8	(EPA 200.8)	Analysis Date: 7/4/2016	SeqNo: 1319403						
Analyte	Result	MRL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.09809	0.000104	0.1	0.0003208	97.8	70	130	0.09891	0.834	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