

# **NEILSON RESEARCH CORPORATION**

### Environmental Testing Laboratory

Order No.: 1903232

3/13/2019

Ron Havniear Medford School District 815 S Oakdale Ave Medford, OR 97501

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

RE: 18-11 Abe Lincoln 2019 Lead Testing

Dear Ron Havniear:

Neilson Research Corporation received 10 sample(s) on 3/7/2019 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

Tamra R. Schmedemann

Project Manager

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:** 18-11 Abe Lincoln 2019 Lead Testing

**Lab Order:** 1903232

**CASE NARRATIVE** 

Date: 13-Mar-19

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.

The EPA recommended action level for lead in schools is 0.015 mg/L.

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

Analysis Papart	ORELAP 100016
Analysis Report	EPA OR00028

**Medford School District** Lab Order: 1903232

815 S Oakdale Ave Received Date: 3/7/2019 8:50:00 AM Medford, OR 97501 Reported Date: 3/13/2019 1:07:09 PM

Sample Information: 18-1	1 Abe Lincoln 2019	Lead Testi	ing				
Lab ID: 1903232-01 Collection Date: 3/7/20 Matrix: DRINKING WA				Client Sample ID: Source Sample Location:	Media	Ctr Work Rm-Sink	
Trace Metals by EPA 200.8 Analyses	ICP-MS Result	Qual	MRL	Units	Dilution Factor	Analyst: <b>JWC</b> Date Analyzed	NELAP Accredited
Lead	0.00403		0.0001	mg/L	1	3/8/2019	Α
Lab ID: 1903232-02 Collection Date: 3/7/20 Matrix: DRINKING WA				Client Sample ID: Source Sample Location:	Media	Ctr Work Rm-Sink	30 Sec
Trace Metals by EPA 200.8 Analyses	ICP-MS Result	Qual	MRL	Units	Dilution Factor	Analyst: <b>JWC</b> Date Analyzed	NELAP Accredited
Lead	0.000364		0.0001	mg/L	1	3/8/2019	А
Lab ID: 1903232-03 Collection Date: 3/7/20 Matrix: DRINKING WA				Client Sample ID: Source Sample Location:	Room	11B-Sink	
Trace Metals by EPA 200.8 Analyses	Result	Qual	MRL	Units	Dilution Factor	Analyst: <b>JWC</b> Date Analyzed	NELAP Accredited
Lead	0.00211		0.0001	mg/L	1	3/8/2019	A
Lab ID: 1903232-04 Collection Date: 3/7/20 Matrix: DRINKING WA				Client Sample ID: Source Sample Location:	Room	11B-Sink 30 Sec	
Trace Metals by EPA 200.8 Analyses Lead	ICP-MS Result 0.000234	Qual	MRL 0.0001	Units mg/L	Dilution Factor 1	Analyst: JWC Date Analyzed 3/8/2019	NELAP Accredited A
Lab ID: 1903232-05 Collection Date: 3/7/20 Matrix: DRINKING WA				Client Sample ID: Source Sample Location:	Room	13-Sink	
Trace Metals by EPA 200.8 Analyses		Qual	MRL	Units	Dilution Factor	Analyst: <b>JWC</b> Date Analyzed	NELAP Accredited
Lead	0.000807		0.0001	mg/L	1	3/8/2019	Α

### Qualifiers:

- Е Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Η
- Not Detected at the Minimum Reporting Limit

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Value exceeds Maximum Contaminant Level

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

Analysis Papart	ORELAP 100016
Analysis Report	EPA OR00028

Medford School District Lab Order: 1903232

815 S Oakdale Ave Received Date: **3/7/2019 8:50:00 AM**Medford, OR 97501 Reported Date: **3/13/2019 1:07:09 PM** 

Sample Information: 18-1	11 Abe Lincoln 2019	Lead Test	ing		.,		
Lab ID: 1903232-06 Collection Date: 3/7/20 Matrix: DRINKING W				Client Sample ID: Source Sample Location:	Room	13-Sink 30 Sec	
Trace Metals by EPA 200.8 Analyses		Qual	MRL	Units	Dilution Factor	Analyst: <b>JWC</b> Date Analyzed	NELAP Accredited
Lead	0.000236		0.0001	mg/L	1	3/8/2019	Α
Lab ID: 1903232-07  Collection Date: 3/7/20  Matrix: DRINKING W				Client Sample ID: Source Sample Location:	Room	15-Sink	
Trace Metals by EPA 200.8 Analyses	B ICP-MS Result	Qual	MRL	Units	Dilution Factor	Analyst: <b>JWC</b> Date Analyzed	NELAP Accredited
Lead	0.00109		0.0001	mg/L	1	3/8/2019	A
Lab ID: 1903232-08 Collection Date: 3/7/20 Matrix: DRINKING W				Client Sample ID: Source Sample Location:	Room	15-Sink 30 Sec	
Trace Metals by EPA 200.8		0 1	MBI	11.7	Dilution	Analyst: JWC	NELAP Accredited
Analyses <b>Lead</b>	Result <b>0.000155</b>	Qual	MRL 0.0001	Units mg/L	Factor 1	Date Analyzed 3/8/2019	Accredited
Lab ID: 1903232-09  Collection Date: 3/7/20  Matrix: DRINKING W	019 6:21:00 AM		0.000.	Client Sample ID: Source Sample Location:		23-Sink	
Trace Metals by EPA 200.8 Analyses	Result	Qual	MRL	Units	Dilution Factor	Analyst: JWC Date Analyzed	NELAP Accredited
Lead	0.00138		0.0001	mg/L	1	3/8/2019	A
Lab ID: 1903232-10  Collection Date: 3/7/20  Matrix: DRINKING W				Client Sample ID: Source Sample Location:	Room	23-Sink 30 Sec	
Trace Metals by EPA 200.8 Analyses		Qual	MRL	Units	Dilution	Analyst: <b>JWC</b> Date Analyzed	NELAP Accredited
Lead	0.000255	Qual	0.0001	mg/L	Factor 1	3/8/2019	А

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### Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Minimum Reporting Limit

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**Date:** 13-Mar-19

**CLIENT:** Medford School District

**Work Order:** 1903232

**Project:** 

18-11 Abe Lincoln 2019 Lead Testing

## ANALYTICAL QC SUMMARY REPORT

TestCode: ICPMS\_200.8\_SCHOOL

Sample ID: <b>MB-43925</b>	SampType: MBLK	TestCode: ICPMS_200.8 Units: mg/L	Prep Date: 3/8/2019	RunNo: <b>110642</b>
Client ID: ZZZZZ	Batch ID: 43925	TestNo: <b>EPA 200.8</b> ( <b>EPA 200.8</b> )	Analysis Date: 3/8/2019	SeqNo: <b>1694306</b>
Analyte	Result	MRL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Lead	ND	0.000100		
Sample ID: LCS-43925	SampType: <b>LCS</b>	TestCode: ICPMS_200.8 Units: mg/L	Prep Date: 3/8/2019	RunNo: <b>110642</b>
Client ID: ZZZZZ	Batch ID: 43925	TestNo: <b>EPA 200.8</b> ( <b>EPA 200.8</b> )	Analysis Date: 3/8/2019	SeqNo: <b>1694307</b>
Analyte	Result	MRL SPK value SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
Lead	0.09851	0.000100 0.1 0	98.5 85 115	
Sample ID: 1903271-01AMS	SampType: MS	TestCode: ICPMS_200.8 Units: mg/L	Prep Date: 3/8/2019	RunNo: <b>110642</b>
Sample ID: 1903271-01AMS  Client ID: ZZZZZ	SampType: MS Batch ID: 43925	TestCode: ICPMS_200.8 Units: mg/L TestNo: EPA 200.8 (EPA 200.8)	Prep Date: <b>3/8/2019</b> Analysis Date: <b>3/8/2019</b>	RunNo: <b>110642</b> SeqNo: <b>1694323</b>
·		_	·	
Client ID: ZZZZZ	Batch ID: <b>43925</b>	TestNo: <b>EPA 200.8</b> ( <b>EPA 200.8</b> )	Analysis Date: 3/8/2019	SeqNo: <b>1694323</b>
Client ID: ZZZZZ Analyte	Batch ID: 43925 Result	TestNo: <b>EPA 200.8 (EPA 200.8)</b> MRL SPK value SPK Ref Val	Analysis Date: 3/8/2019  %REC LowLimit HighLimit RPD Ref Val	SeqNo: <b>1694323</b>
Client ID: ZZZZZ  Analyte  Lead	Batch ID: <b>43925</b> Result  0.09931	MRL         SPK value         SPK Ref Val           0.000100         0.1         0.000338	Analysis Date: 3/8/2019  %REC LowLimit HighLimit RPD Ref Val  99.0 70 130	SeqNo: 1694323 %RPD RPDLimit Qual
Client ID: ZZZZZ Analyte Lead Sample ID: 1903271-01AMSD	Batch ID: 43925  Result  0.09931  SampType: MSD	TestNo: EPA 200.8         (EPA 200.8)           MRL         SPK value         SPK Ref Val           0.000100         0.1         0.000338           TestCode: ICPMS_200.8         Units: mg/L	Analysis Date: 3/8/2019  %REC LowLimit HighLimit RPD Ref Val  99.0 70 130  Prep Date: 3/8/2019	SeqNo: 1694323  %RPD RPDLimit Qual  RunNo: 110642

**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

# Chain of Custody Record

This Chain of Custody is a LEGAL DOCUMENT and must be filled out accurately.

Environmental Testing Laboratory
245 South Grape Street \* Medford, OR 97501
(541) 770-5678 fax (541) 770-2901

CORPORATION

RESEARCH

Section A Required Client Information	Š	Section B	1		Section C	Section D
Company: MSD 549C	ď	Project Name	2040 Lond Toxing	Tooling	€1	Rush Status (Subject to Scheduling)
Address: 815 South Oakdale Avenue	d	Droipet Number	40 44 41	Lesung	Attention: Accounting	Standard 10-14 Days
80		oject Number:	Id-11 Abe Lincoln	Lincoln	Company Name: Medford School District	5 Business Days (50% surcharge)
	<u>~</u>	port Tron.ha	vniear@med	Report Tron.havniear@medford.k12.or.us	Address: 815 South Oakdale Avenue	3 Business Dava (75% surcharoe)
ron.havniear	ŏ	py To andy.c	hasteen@me	Copy To andy.chasteen@medford.k12.or.us	Medford, OR 97501	24 - 48 hours (100% enghanns)
Phone: 541-840-4315 Fax;					PO # 61179	(afiguration of the standard)
Collected By (Print):						
Collected By (Sign):	Γ				Ameliani	Authorized Yes No
Email Report Yes No Mail Report Yes No	T				Analysis Kequested	
	]			STB		
Section E Sample Information				nistnoO		der#;
e ID	Bottle# Ma	Matrix* Date				(Lab Use Only) NRC Sample #
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Section F "Matrix: DW - Drinking Water WW - Wastewater W - Water S - Solusolid SL - Sludge O - Oil WP - Wipe O1 - Other	S - Sall/Solid SL - Sludge O - Oil WP - Wipe	of Other	
/Receive	Print	3	Section G
Relinquished By:	V V		Lab Use Only
Received By:	WIKE Wedner	2/7/19 8,50	Temp:()
Relinquished By:			4°C +/- 2°C: Yes No
Received By:			Received on loe: Yes X No
Relinquished By:			Number of Bottles Received:
Received By Laboratory:			pH Checked:
	Nacomi Oly	37119 850	COC Seals Intact: Yes No NA
			Field Blank Included: Yes No
		Received Via	UPS FedEX
		Payment: Invoice Cash V	VISA, M/C Check # Amount

# NEILSON RESEARCH CORPORATION (NRC) STANDARD TERMS AND CONDITIONS

STANDARD TE
Wess otherwise agreed in a formal contract, services provided by NRC are expressly limited to the terms and
Additions stated herein.

L

Spridentiality: Strict confidentiality is maintained in all of our dealing with clients. Confidentiality greenents, therefore, are signed willingly. In any instance where information is subpoenad and must be bleased to a regulatory or logal body, the client is prompty notified. Likewise, the client agrees to respect all such relationships of trust. Client agrees not to use NRC's name and/or data in any manner which might ause harm to the company's reputation and/or business.

ayment Terms: Payment in advance is required for all clients except those whose credit has been stabilished with our company. For clients with NRC-approved credit, payment terms are net balance due 30 sys from the date of invoice, after which time a 1½% per month late charge is added to all unpaid balances. RC has the right to ask for payment in advance if the established payment terms are not achered to. In the vent of default in payment for services rendered, the client is responsible for reasonable collection charges cluding any court costs and attorney's fees incurred by NRC.

illing: All fees are charged or billed directly to the client. The billing of a third party is not accepted without a gned statement in which the third party acknowledges and accepts payment responsibility. (Note: MRC is not responsibility, in the third party acknowledges and accepts payment responsibility. (Note: MRC is nawfhorked requests for third-party billing). It is necessary for us to assume that the paperwork submitted ith a sample describes the testing probocol desired. Any changes to this protocol must be submitted to NRC ampleted, the client must accept payment responsibility. We cannot be responsible for holding times that are ceeded due to such changes. Please send all requests for changes marked: 'Client Service—URGENT!'

e Discounts: Economy-of-scale discounts are available and are determined by the number of samples and enature and spectrum of the requested analyses. For established clients, discount rates are reevaluated invusibly, and a new rate is applied to future invoices based upon the pravious year's volume of work, type of allyses, ease of scheduling, and work continuity. For clients with intermittent analytical needs, discounts ay be extended based upon the quantity of work submitted at one time (\$1000 -\$4900 = \$710 net 30, 0000+ = 10/10 net 30). All discounts are contingent upon meeting payment terms. NRC reserves the right to op discounts on late payments. No discounts apply to services provided by hourly rate, supplies, equipment led, subcontractors, etc.

ush Analyses: A surcharge is added to the list fee if rapid turnaround time (TAT) is requested. The richarge for rush TAT will be List x 1.5 for 5-day TAT, List x 1.75 for 3-day TAT, List x 2 for 1-2 business iys, and List x 3 for weekends and holidays. Standard TAT is 10 working days. Rush analysis service is nitingent upon laboratory workload and must be prearranged with NRC. However, any sample delivered fer 3:00 p.m. will not be entered in to our rush analyses handling system until the next hindrage rich

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, we disclaim any other warranties, expressed or implied, are warrantly of Merchantability. We accept no legal responsibility for the purposes for Partoular Purpose and Warranty of Merchantability. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase or order or other order for work shall be accepted by the company which includes any condition that varies from this Standard Terms and Conditions, and NRC hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Retention of Samples: After the analytical results have been reported to the address indicated on the reverse of this form, samples are routinely retained in our storage facilities according to the following schedule. Hazardous samples will be picked up by the client or returned to the client immediately after analysis. Prior arrangements must be made if samples are to be held for periods longer than those indicated. NRC may charge a monthly fee for long-term storage. Unrefrigerated long-term storage is available at \$10.00 per sample per month.

Sample type
Hazardous None
(Client deliver and pick up)
All other samples
(Note: Water tested for Total Coliforms is discarded immediately after the analysis)

Retention of Reports: After analytical results have been reported to the client, NRC shall retain copies of such analytical reports for a minimum of five years. If a client requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

Sample Containers/Sample Collection: We will provide and ship the appropriate sample containers to our clients to return to NRC for analysis, at no charge, via non-priority shipping status. Clients requesting overright or rush delivery of sample containers will be invoiced for the associated charges. NRC personnel are available for the on-site collection or samples and can explain sample collection procedures and techniques to clients. It is the responsibility of the client to ensure proper sampling and to bear the cost of delivering samples to the laboratory under the proper storage/preservation conditions. We cannot be held responsible for sample integrity unless the sampling has been performed by a member of our staff.

Analytical Service Orders: Requests for analytical services may be made by telephone, fax, or in writing. The client must confirm all requests for services in writing. We cannot be responsible for holding times that are exceeded for samples delivered on weekends or after 5:00 p.m. on weekelays if delivery is made without prior notification and approval. NRC reserves the right to refuse to proceed with an analytical request if the client falls to provide acceptable written analytical request or to establish a customer credit agreement.

Prior to submission of environmental samples, the client should develop an appropriate QA/QC plan. This