



Neilson Research Corporation  
245 S Grape St  
Medford, OR 97501  
TEL: (541) 770-5678 FAX: (541) 770-2901  
Website: www.nrclabs.com

October 23, 2020

Craig Warren  
Reach  
270 W Evans Creek  
Rogue River, OR 97537  
TEL: (541) 840-1223  
FAX:

Order No.: 20100863

RE: Lead Testing

Dear Craig Warren:

Neilson Research Corporation received 3 sample(s) on 10/19/2020 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 Schmedemann  
Senior Project Manager  
245 S Grape St  
Medford, OR 97501



Original



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## Case Narrative

WO#: 20100863  
Date: 10/23/2020

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**CLIENT:** Reach

**Project:** Lead Testing

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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.

### GENERAL CHEMISTRY

#### Holding Time

Acceptance criteria were met

#### Digestion Exceptions:

None

#### Analysis:

- A. Method Blank(s): MB  
MB criteria were met.
- B. Matrix Spike Sample(s): MS  
MS criteria were met
- C. Duplicate Sample(s) Dup and/or MSD  
Dup and/or MSD criteria were met
- D. Lab Control Sample(s) LCS  
LCS criteria were met

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# Analytical Report

WO#: 20100863  
 Date Reported: 10/23/2020

<b>CLIENT:</b>	Reach	<b>Collection Date:</b>	10/19/2020 10:42:00 AM
<b>Lab ID:</b>	20100863-01	<b>Received Date:</b>	10/19/2020 10:51:00 AM
<b>Client Sample ID:</b>	GP 1st Floor	<b>Matrix:</b>	DRINKING WATER
<b>Project:</b>	Lead Testing	<b>PWS #:</b>	
<b>Sample Location:</b>	GP 1st Floor, Drinking Fountain	<b>Source ID:</b>	DRINKING FOUNTAIN
<b>Sample Address:</b>		<b>Sample Collector:</b>	CRAIG WARREN
		<b>Residual Chlorine</b>	

Analyses	Method	NELAP Status	Result	DF	RL Units	EPA Date Limit Analyzed	Analyst
Lead	E200.8	A	ND	1	0.000103 mg/L	0.0150 10/20/20 20:10	SJS

**QUALIFIERS**

CI	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded
MI	Recovery outside control limits due to Matrix Interference	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

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**NELAP**

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# Analytical Report

WO#: 20100863  
 Date Reported: 10/23/2020

<b>CLIENT:</b>	Reach	<b>Collection Date:</b>	10/19/2020 10:40:00 AM
<b>Lab ID:</b>	20100863-02	<b>Received Date:</b>	10/19/2020 10:51:00 AM
<b>Client Sample ID:</b>	GP 2nd Floor	<b>Matrix:</b>	DRINKING WATER
<b>Project:</b>	Lead Testing	<b>PWS #:</b>	
<b>Sample Location:</b>	GP 2nd Floor, Drinking Fountain	<b>Source ID:</b>	DRINKING FOUNTAIN
<b>Sample Address:</b>		<b>Sample Collector:</b>	CRAIG WARREN
		<b>Residual Chlorine</b>	

Analyses	Method	NELAP Status	Result	DF	RL Units	EPA Date Limit Analyzed	Analyst
Lead	E200.8	A	ND	1	0.000103 mg/L	0.0150 10/20/20 20:14	SJS

**QUALIFIERS**

CI	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded
MI	Recovery outside control limits due to Matrix Interference	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

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# Analytical Report

WO#: 20100863  
 Date Reported: 10/23/2020

<b>CLIENT:</b> Reach	<b>Collection Date:</b> 10/19/2020 9:30:00 AM
<b>Lab ID:</b> 20100863-03	<b>Received Date:</b> 10/19/2020 10:51:00 AM
<b>Client Sample ID:</b> Rogue River	<b>Matrix:</b> DRINKING WATER
<b>Project:</b> Lead Testing	<b>PWS #:</b>
<b>Sample Location:</b> Rogue River, Drinking Fountain	<b>Source ID:</b> DRINKING FOUNTAIN
<b>Sample Address:</b>	<b>Sample Collector:</b> CRAIG WARREN
	<b>Residual Chlorine</b>

Analyses	Method	NELAP Status	Result	DF	RL Units	EPA Date Limit Analyzed	Analyst
Lead	E200.8	A	ND	1	0.000103 mg/L	0.0150 10/20/20 20:45	SJS

**QUALIFIERS**

CI	Sample container temperature is out of limit as specified at testcode	H	Holding times for preparation or analysis exceeded
MI	Recovery outside control limits due to Matrix Interference	ND	Not Detected at the Reporting Limit
PL	Permit Limit		

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# QC SUMMARY REPORT

WO#: 20100863  
 23-Oct-20

**Client:** Reach  
**Project:** Lead Testing

**TestCode:** LEAD\_DW

Sample ID: <b>MB-7350</b>	SampType: <b>MBLK</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>10/20/2020</b>	RunNo: <b>15455</b>						
Client ID: <b>PBW</b>	Batch ID: <b>7350</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>10/20/2020</b>	SeqNo: <b>234019</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.000103									

Sample ID: <b>LCS-7350</b>	SampType: <b>LCS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>10/20/2020</b>	RunNo: <b>15455</b>						
Client ID: <b>LCSW</b>	Batch ID: <b>7350</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>10/20/2020</b>	SeqNo: <b>234020</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.104	0.000104	0.1000	0	104	85	115				

Sample ID: <b>20100811-01AMS</b>	SampType: <b>MS</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>10/20/2020</b>	RunNo: <b>15455</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>7350</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>10/20/2020</b>	SeqNo: <b>234022</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.102	0.000104	0.1000	0.0005129	101	70	130				

Sample ID: <b>20100811-01AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>LEAD_DW</b>	Units: <b>mg/L</b>	Prep Date: <b>10/20/2020</b>	RunNo: <b>15455</b>						
Client ID: <b>BatchQC</b>	Batch ID: <b>7350</b>	TestNo: <b>E200.8</b>	<b>E200.8</b>	Analysis Date: <b>10/20/2020</b>	SeqNo: <b>234023</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.0980	0.000104	0.1000	0.0005129	97.5	70	130	0.1019	3.84	20	

**Qualifiers:** C1 Sample container temperature is out of limit as specified at testcode      H Holding times for preparation or analysis exceeded      MI Recovery outside control limits due to Matrix In  
 ND Not Detected at the Reporting Limit      PL Permit Limit      RL Reporting Detection Limit


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# Sample Log-In Check List

Client Name: **REACH**

Work Order Number: **20100863**

RcptNo: **1**

Logged by:	<b>Kim Ramsay</b>	<b>10/19/2020 10:51:00 AM</b>	
Completed By:	<b>Katherine Crooks</b>	<b>10/21/2020 10:28:05 AM</b>	
Reviewed By:	<b>Naomi Orr</b>	<b>10/23/2020 9:39:49 AM</b>	

**Chain of Custody**

1. Is Chain of Custody complete? Yes  No  Not Present   
 2. How was the sample delivered? Client

**Log In**

3. Coolers are present? Yes  No  NA   
 4. Shipping container/cooler in good condition? Yes  No   
 Custody seals intact on shipping container/cooler? Yes  No  Not Present   
 No. Seal Date: Signed By:  
 5. Was an attempt made to cool the samples? Yes  No  NA   
 6. Were all samples received at a temperature of >0° C to 6.0°C Yes  No  NA   
 7. Sample(s) in proper container(s)? Yes  No   
 8. Sufficient sample volume for indicated test(s)? Yes  No   
 9. Are samples (except VOA and ONG) properly preserved? Yes  No   
 10. Was preservative added to bottles? Yes  No  NA   
 11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes  No  HNO3, pH<2  
 No VOA Vials   
 12. Were any sample containers received broken? Yes  No   
 13. Does paperwork match bottle labels? Yes  No   
 (Note discrepancies on chain of custody)  
 14. Are matrices correctly identified on Chain of Custody? Yes  No   
 15. Is it clear what analyses were requested? Yes  No   
 16. Were all holding times able to be met? Yes  No   
 (If no, notify customer for authorization.)

**Special Handling (if applicable)**

17. Was client notified of all discrepancies with this order? Yes  No  NA

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

18. Additional remarks:

**Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
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NEILSON RESEARCH CORPORATION (NRC)  
STANDARD TERMS AND CONDITIONS

Unless otherwise agreed in a formal contract, services provided by NRC are expressly limited to the terms and conditions stated herein.

**Confidentiality:** Strict confidentiality is maintained in all of our dealing with clients. Confidentiality agreements, therefore, are signed willingly. In any instance where information is subpoenaed and must be released to a regulatory or legal body, the client is promptly 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 cause harm to the company's reputation and/or business.

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

**Billing:** All fees are charged or billed directly to the client. The billing of a third party is not accepted without a signed statement in which the third party acknowledges and accepts payment responsibility. (Note: NRC is not responsible for re-collecting samples whose holding times have been exceeded due to late or unauthorized requests for third-party billing). It is necessary for us to assume that the paperwork submitted with a sample describes the testing protocol desired. Any changes to this protocol must be submitted to NRC in writing. However, if changes are made after the originally requested testing is initiated or has been completed, the client must accept payment responsibility. We cannot be responsible for holding times that are exceeded due to such changes. Please send all requests for changes marked: "Client Service—URGENT!" Our fax number is (541) 770-2901.

**Fee Discounts:** Economy-of-scale discounts are available and are determined by the number of samples and the nature and spectrum of the requested analyses. For established clients, discount rates are reevaluated annually, and a new rate is applied to future invoices based upon the previous year's volume of work, type of analyses, ease of scheduling, and work continuity. For clients with intermittent analytical needs, discounts may be extended based upon the quantity of work submitted at one time (\$1000 -\$4900 = 5/10 net 30, \$5000+ = 10/10 net 30). All discounts are contingent upon meeting payment terms. NRC reserves the right to drop discounts on late payments. No discounts apply to services provided by hourly rate, supplies, equipment used, subcontractors, etc.

**Rush Analyses:** A surcharge is added to the list fee if rapid turnaround time (TAT) is requested. The surcharge 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 days, and List x 3 for weekends and holidays. Standard TAT is 10 working days. Rush analysis service is contingent upon laboratory workload and must be prearranged with NRC. However, any sample delivered after 3:00 p.m. will not be entered in to our rush analyses handling system until the next business day.

**Hazardous Materials/Substances/Wastes:** Unused portions of samples found or suspected to be hazardous according to state or federal guidelines shall be picked up by the client upon completion of the analytical work. The cost of returning the sample or for disposal shall be invoiced to the client. The sample and portions thereof remain the property of the client at all times. (Note: For the protection of laboratory personnel, samples which might present health hazards, such as those containing high levels of toxic materials, must be clearly marked and identified.)

**Reports:** NRC prohibits use of its name in connection with any unauthorized conclusions based on its reports without its prior written consent.

**Special Reports:** Additional charges may be necessary for customized reports which differ significantly from the NRC format. No reports or copies thereof will be sent to anyone other than the client unless the client formally requests us to do so in writing.

**Litigation:** All costs associated with compliance to any subpoena for documents, for testimony in a court of law, or for any other purpose relating to work performed by NRC, in connection with work performed for that client shall be paid by the client. Such costs shall include, but are not limited to, hourly charge for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

**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, including a Warranty of Fitness for Particular Purpose and Warranty of Merchantability. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase 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	Retention Time
Hazardous None	(Client deliver and pick up)
All other samples	1 month

(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 overnight or rush delivery of sample containers will be invoiced for the associated charges. NRC personnel are available for the on-site collection of 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 weekdays if delivery is made without prior notification and approval. NRC reserves the right to refuse to proceed with an analytical request if the client fails 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 plan should identify, among other items the intent of the project, sample collection and preservation requirements, types of QC samples that are required (e.g. matrix spikes, matrix spike duplicates, field blanks, transfer blanks), laboratory analyses/methods to be performed, minimum data reporting requirements and required sample TAT. This plan should be submitted to NRC prior to sample submission. Unless such a plan is submitted, NRC shall not be responsible for project-specific QA/QC requirements. NRC personnel can assist in the preparation of project QA/QC plans.

Additional QC samples which might be requested, and which we consider "project-specific," are billed at the applicable unit price for the test(s). Such additional charges will apply to project-specific QA/QC samples for batches with fewer than ten samples, and to field/trip/transfer QA/QC samples. Samples with multiple phases (e.g. water/oil) will have each phase processed, analyzed, and billed as a distinct entity unless instructions accompanying the sample specify otherwise.

When requested, NRC may release verbal or fax results in advance of the written report of results. Such results are only tentative and are subject to subsequent confirmation or modification during standard NRC QA/QC review procedures.

**Severability:** If in any judicial proceeding, a court shall refuse to enforce all the provisions stated above, the scope of any unenforceable provision shall be deemed modified and diminished to the extent necessary to render such provision valid and enforceable. In any event, the validity or enforceability of any such provision shall not affect other provisions stated above, and the terms and conditions shall be construed and enforced as if such provision had not been included.

Submission of samples is deemed acceptance of the terms and conditions stated above.