



# Analytical Test Report

Science First. ORELAP ID: 4096 OLCC#: 010-1002112892C  
ODA: AG-L1040657A

7200 SE Johnson Creek Blvd  
Portland OR 97206

May 29, 2024

Benjamin Jansen  
Benjamin Jansen  
22492 S. Redland Rd.  
Estacada, OR 97023

RE: Drinking Water Testing

Enclosed are the results of analyses for samples received by our laboratory on 5/21/2024. If you have any questions concerning this report, please feel free to contact the lab at (503) 307-0096, or by e-mail at [info@rosecitylabs.com](mailto:info@rosecitylabs.com).

Sincerely,

Chris Griffey  
Lab Director

Benjamin Jansen  
22492 S. Redland Rd.  
Estacada, OR 97023

Project: Drinking Water Testing  
Project Number:  
Project Manager: Benjamin Jansen

**Reported:**  
05/29/2024 13:26

## Sample Results

**Sample: Well Tap-Shop**  
**2405176-01 (Drinking Water)**

**Sampling Location:** 22492 S. Redland Rd. Estacada, OR 97023

Analyte	Result	Limit	LOQ	Units	Date Analyzed	Date Prepared	Method	Note
<b>Heavy Metals</b>								
Arsenic	ND	10	1.00	ppb	5/23/24 15:50	5/23/24 13:37	EPA 200.8	
Lead	ND	15	1.00	ppb	5/23/24 15:50	5/23/24 13:37	EPA 200.8	
<b>Metals</b>								
Sodium	8.02	60	4.00	ppm	5/29/24 9:05	5/28/24 12:17	ICP-MS	
Calcium	9.94	--	0.500	ppm	5/23/24 10:55	5/23/24 9:26	ICP-MS	
Magnesium	5.54	--	0.500	ppm	5/23/24 10:55	5/23/24 9:26	ICP-MS	
Total Hardness	47.6	500	3.30	ppm	5/23/24 10:55	5/23/24 9:26	ICP-MS	
<b>Nitrate (NO3)</b>								
Nitrate as N (NO3)	ND	10	3.00	ppm	5/22/24 17:24	5/22/24 17:23	SOP 69	
<b>Total Coliform/E. Coli</b>								
Total Coliform	Absent	--	--	Det/ND	5/22/24 12:59	5/21/24 17:38	Total Coliform/E. coli	
E. Coli	Absent	--	--	Det/ND	5/22/24 12:59	5/21/24 17:38	Total Coliform/E. coli	
<b>Temperature</b>								
Temperature	25.9	--	--	°C	5/25/24 15:26	5/25/24 15:26	Temperature	
<b>pH</b>								
pH	7.04	8.5	--	pH	5/25/24 15:26	5/25/24 15:26	SOP 66	
<b>Gravimetric Analysis</b>								
Total Dissolved Solids (TDS)	141	500	100	mg/L	5/24/24 12:31	5/23/24 15:36	TDS	

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**2405176-01 (Drinking Water)**

**Sampling Location:** 22492 S. Redland Rd. Estacada, OR 97023

Analyte	Result	Limit	LOQ	Units	Date Analyzed	Date Prepared	Method	Note
<b>Heavy Metals</b>								
Manganese (Reshot)	263	50	5.00	ppb	5/24/24 9:42	5/23/24 13:37	EPA 200.8	D
<b>Metals</b>								
Iron (Reshot)	4900	300	250	ppb	5/23/24 11:15	5/23/24 10:18	ICP-MS	D

The laboratory holds ORELAP accreditation for lead, arsenic, nitrate, total coliforms and E. Coli in drinking water. Test results meet all requirements of NELAP and the Rose City Laboratories quality assurance plan unless otherwise noted. Samplings performed by RCL personnel follow sampling SOP 30. Samples not collected by RCL personnel are analyzed in "as received" condition. These results relate only to the sample(s) included on this report. The report may not be reproduced except in full, without the written permission of Rose City Labs.

Benjamin Jansen  
22492 S. Redland Rd.  
Estacada, OR 97023

Project: Drinking Water Testing  
Project Number:  
Project Manager: Benjamin Jansen

**Reported:**  
05/29/2024 13:26

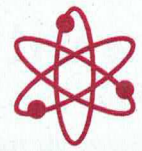
## Notes and Definitions

Item	Definition
D	Initial result exceeded calibration range, reported data are based on analysis of a dilution.
M	Matrix interference
Q1	QC out of limits but acceptable based on remaining QC.
ND	Analyte NOT DETECTED at or above the LOQ.
LOQ	Limit of Quantitation
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

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# HOMEOWNERS 11 in 1 Water Test Kit

IRON, SODIUM/HARDNESS,  
ARSENIC, NITRATE, pH,  
LEAD, MANGANESE, TOTAL  
DISSOLVED SOLIDS (TDS)  
TOTAL COLIFORMS & E.COLI



## ROSE CITY LABORATORIES

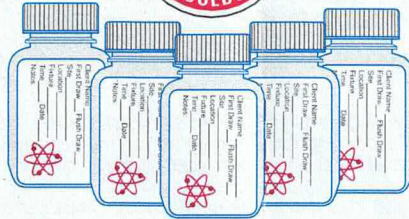
Main Office (503) 307-0096  
Rosecitylabs.com  
7200 SE Johnson Creek Blvd.  
Portland, OR 97206

### Contents:

- Five (250ml) sample bottles
- One (100ml) treated sample bottle

### FOLLOW THESE INSTRUCTIONS CLOSELY:

- Proper sampling of water is critical for Rose City Labs' ability to achieve valid analytical results.
- Do not run water for at least 8 hours before beginning the sampling process.
- Complete the CHAIN OF CUSTODY below or online (see QR code) as samples are taken.
- Record Container #'s (found on 250ml bottles) in the spaces provided.
- Samples should remain as cold as possible without freezing (<10° C / <50° F). Store and transport all samples in refrigeration or on ice.



### 6 TOTAL COLIFORMS & E.COLI 1 TREATED BOTTLE (100ml)

**NOTE: Do not break the 100ml seal until ready to take sample.**

**REMOVE FAUCET FILTERS** - Remove any attachments or aeration devices such as screen, filters sprayers, hoses etc.

**DISINFECT THE AREA** - Thoroughly disinfect faucet area, especially the inside of the spout, with bleach/alcohol and clean wipe.

**FLUSH THE SYSTEM** - Continue to flush the pipeline.

**UNSEAL THE BOTTLE** - Remove the sterile seal from the cap and remove the cap. DO NOT touch the inside of the bottle or underside of the cap during any part of the sampling procedure. Do not disturb the white powder inside the bottle

**COLLECT THE SAMPLE WITHOUT OVERFILLING** - Turn the water down to a trickle to avoid spillover while collecting the sample. Fill the container just above the 100ml fill line. Make sure cap is tight so that water does not leak.

**INFORMATION** - Fill out the bottle label.

**TRANSPORT SAMPLES** - Samples should remain as cold as possible without freezing (<10° C / <50° F) during transport.

**All water samples MUST be received by Rose City Labs within 24 hours of being collected.**

### 1 IRON, SODIUM/HARDNESS 1 BOTTLE (250 ml)

Container # 6831

**WAIT 8 HOURS** - Do not run water for at least 8 hours to take the IRON, SODIUM/HARDNESS first-draw sample.

**TAKE THE SAMPLE** - Collect the water in a 250ml bottle immediately as it first comes out of the faucet. Bottle must be filled completely for a successful analysis. Make sure cap is tight so that water does not leak.

**INFORMATION** - Fill out bottle label and write the five digit container # in the space above.

### 2-3 ARSENIC, NITRATE, pH, LEAD MANGANESE 2 BOTTLES (500 ml)

Container # 6891  
Container # 6859

**FLUSH THE SYSTEM** - Before taking the ARSENIC AND NITRATE flush sample, flush the pipeline in your structure completely. Run water for at least 3-5 minutes, or until temperature is constant.

**TAKE THE SAMPLE** - Bottles must be filled completely for a successful analysis. Make sure cap is tight so that water does not leak.

**INFORMATION** - Fill out bottle label and write the five digit container # in the space above.

### 4-5 TOTAL DISSOLVED SOLIDS 2 BOTTLES (500 ml)

Container # 6829  
Container # 6901

**FLUSH THE SYSTEM** - Follow same instructions as 2-3

**TAKE THE SAMPLE** - Bottles must be filled completely for a successful analysis. Make sure cap is tight so that water does not leak.

**INFORMATION** - Fill out bottle label and write the five digit container # in the space above.

## Chain of Custody

Testing at Rose City Laboratories requires you to agree to our terms and conditions. Your signature above indicates that you agree to these terms. See reverse for terms and conditions.

Name:	<u>Ben Jansen</u>	Temperature: (°)	<u>8.4</u>
Billing Address:	<u>22492 S Redland Rd</u> <u>Estacada, OR 97023</u>	Time:	<u>9:30AM</u>
Shipping Address: (if different from Billing Address)		LAB USE ONLY	<u>WO# 2409176</u>
Email:	<u>rosecitylabs.com-ben@w207.com</u>	Received By:	<u>KC</u>
Signature:		Name:	<u>Kimberly Crawford</u>
Phone:	<u>503 560 1955</u>	Signature:	
Date:	<u>5/21/24</u>	Date:	<u>5-21-24</u>