



**WELL TESTING SERVICE**

**Phone:** (707) 823-3191 **Fax:** (707) 317-0057 **Email:** rayswelltesting@gmail.com  
**Address:** 4031 Shadowhill Dr, Santa Rosa Ca 95404 **CA Lic. #:** 903708

**Report of Mineral Analysis**

DATE: 9/18/13

CUSTOMER NAME: Karl Bundesen

PROPERTY ADDRESS: 1060 Lohrman Ln, Petaluma Ca 94952

PARAMETER	RESULT		RECOMMENDED RANGES
	Raw - Well		
PH	7.78		< 7 Increasingly acidic - may be corrosive 6.8 to 8.5 - Recommended Range >7 Increasingly alkaline - scaling may occur
TOTAL HARDNESS	16 gpg		< 1 gpg Soft 1 to 3.5 gpg Slightly Hard 3.5 to 7 gpg Moderately Hard 7 to 10.5 gpg Hard > 10.5 gpg Very Hard
TOTAL IRON	0.26 mg/l		0.3 mg/l - EPA Recommended Limit
TOTAL MANGANESE	0.09 mg/l		0.05 mg/l - EPA Recommended Limit
TOTAL DISSOLVED SOLIDS	299 mg/l		500 mg/l - EPA Recommended Limit
NITRATES	2.1 mg/l		45 mg/l - EPA Recommended Limit
SILICA	66 mg/l		*There is no EPA recommended Limit
VISUAL APPEARANCE	Clear		

\*Silica is increasingly reported as a nuisance at levels above 50 mg/l. 30 mg/l to 70 mg/l is common.

Abbreviations: gpg = grains per gallon  
mg/l = milligrams per liter  
< = less than  
> = greater than  
nt = not tested  
nd = not detected

**IMPORTANT INFORMATION ON THE LIMITATIONS OF THIS REPORT:**

The purpose of this report is to provide information regarding the general mineralogical character of a water supply. Unless specifically noted, this report does not include analysis for bacteria or any other health related contaminants. This analysis alone is therefore not suitable for determining the safety of a drinking water supply. This report is intended for the sole and exclusive use of our client named above. Our liability for error or omissions is expressly limited to the amount paid for the analysis.



Report Date: October 03, 2013

## Laboratory Report

Nick Brasesco  
Ray's Well Testing Service  
4031 Shadowhill Drive  
Santa Rosa, CA 95404

Project Name: **1060 Lohrman**

Lab Project: **3091915**

This 3 page report of analytical data has been reviewed and approved for release.

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Michele Peters

Laboratory Manager



### Total Coliform & E. Coli

Lab#	Sample ID	Compound Name	Result (MPN/100 mL)	RDL (MPN/100 mL)
3091915-01	<b>Raw Well</b>	Total Coliform	>2400	1
		E. Coli	<1 QT	1

  

Date Sampled:	09/18/13	Date Analyzed:	09/20/13	QC Batch:	B012589
Date Received:	09/19/13	Method:	SM 9223 B-2004		

### Graphite Furnace Metals

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
3091915-01	<b>Raw Well</b>	Arsenic (As)	ND	2.0

  

Date Sampled:	09/18/13	Date Analyzed:	09/23/13	QC Batch:	B012597
Date Received:	09/19/13	Method:	EPA 200.9		



## Notes and Definitions

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QT	The bacterial test utilized is a quantitative test. A result of less than 1 (<1) is indicating bacteria are "absent" in 100 milliliters of sample water.
RDL	Reporting Detection Limit
ND	Analyte NOT DETECTED at or above the reporting detection limit (RDL)
RPD	Relative Percent Difference
NR	Not Reported

**Please Note:** California Department of Health Services recommended drinking water standards are as follows:

Arsenic (10 ug/L)  
Iron (300 ug/L)  
Manganese (50 ug/L)  
Nitrate (45 mg/L)  
Lead (15 ug/L)  
Total Coliform (<1 MPN/100 mL)



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# CHAIN OF CUSTODY

Lab Project Number: 3091915  
 Project Name: Pico Logistics  
 Project Number: \_\_\_\_\_

**CLIENT INFORMATION**

Company Name: RAY'S WELL TESTING SERVICE  
 Address: 4031 SHADOWHILL DR  
SANTA ROSA CA 95404  
 Contact: NICK BRASESCO  
 Phone #: 707-823-3191  
 Fax #: 707-317-0057  
 e-mail: RAYSWELLTESTING@GMAIL.COM

Geotracker EDF: Y N  
 Global ID: \_\_\_\_\_  
 Cooler Temperature \_\_\_\_\_ °C

**TURNAROUND TIME (check one)**

Same Day \_\_\_\_\_  
 48 Hours \_\_\_\_\_  
 5 Days \_\_\_\_\_

72 hours \_\_\_\_\_  
 24 Hours \_\_\_\_\_  
 Normal

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Item	Client Sample ID	Date Sampled	Time	Matrix	# Cont.	Presv. Y/N	ANALYSIS										Lab Sample #		
							Bacteria	Arsenic	Nitrates	Lead	Copper	Boron	Sodium	Chloride	Comments				
1	<u>Ray well</u>	<u>9/18/13</u>	<u>4:00pm</u>				<u>X</u>	<u>K</u>										<u>3091915</u>	<u>-01</u>
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			

**SIGNATURES**

Relinquished By: \_\_\_\_\_  
 Signature \_\_\_\_\_

Sampled By: Cody Monday  
 Date: 9/19/13 Time: 12:30pm

Received By: \_\_\_\_\_  
 Signature \_\_\_\_\_ Date: 9/19/13 Time: 1405