



Report Date: May 17, 2016

## Laboratory Report

Nick Brasesco  
Ray's Well Testing Service  
4853 Vine Hill Rd  
Sebastopol, CA 95472

Project Name: **3999 Roblar Rd.**

Lab Project Number: **6050407**

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

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Mark A. Valentini, Ph.D.

Laboratory Director



### Total Coliform & E. Coli

Lab#	Sample ID	Compound Name	Result (MPN/100 mL)		RDL (MPN/100 mL)
6050407-01	<b>Kitchen Sink</b>	Total Coliform	<1	QT	1
		E. Coli	<1	QT	1

Date Sampled:	05/03/16	Date Analyzed:	05/05/16	QC Batch:	B015737
Date Received:	05/04/16	Method:	SM 9223 B-2004		

### Metals by Graphite Furnace

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
6050407-01	<b>Kitchen Sink</b>	Lead (Pb)	ND	5.0

Date Sampled:	05/03/16	Date Analyzed:	05/06/16	QC Batch:	B015712
Date Received:	05/04/16	Method:	EPA 200.9		

### Metals by Graphite Furnace

Lab#	Sample ID	Compound Name	Result (µg/L)	RDL (µg/L)
6050407-02	<b>Raw Well</b>	Arsenic (As)	ND	2.0

Date Sampled:	05/03/16	Date Analyzed:	05/06/16	QC Batch:	B015755
Date Received:	05/04/16	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)
mg/L	milligrams per Liter
ug/L	micrograms per Liter

**PLEASE NOTE:** The drinking water Maximum Contamination Limits (MCL) set by the California State Water Resource Control Board are as follows:

Arsenic (10 ug/L)  
Bromate (0.010 mg/L)  
Iron (300 ug/L)  
Manganese (50 ug/L)  
Nitrate as N (10 mg/L)  
Nitrite as N (1.0 mg/L)  
Lead (15 ug/L)  
Copper (1300 ug/L)  
Total Coliform / E. Coli (< 1 MPN/100 mL - Most Probable Number per 100 milliliters)



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## Report of Mineral Analysis

DATE: 5/3/16

CUSTOMER NAME: Joseph Honton

PROPERTY ADDRESS: 3999 Roblar Rd, Petaluma CA 94952

PARAMETER	RESULT		RECOMMENDED RANGES
	Raw	Treated	
PH	6.21	6.16	< 7 Increasingly acidic - may be corrosive 6.8 to 8.5 - Recommended Range >7 Increasingly basic
TOTAL HARDNESS	23 gpg	23 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	0.07 mg/l	0.07 mg/l	0.3 mg/l - SMCL
TOTAL MANGANESE	0.11 mg/l	0.11 mg/l	0.05 mg/l - SMCL
CONDUCTIVITY	1238 us/cm	1228 us/cm	900 us/cm - Recommended Upper Limit 1600 us/cm - SMCL
NITRATES	26.2 mg/l	NT	45 mg/l - MCL (tested as N03)
SILICA	70 mg/l	NT	*There is no EPA recommended Limit
VISUAL APPEARANCE	Clear	Clear	

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

Abbreviations: gpg = grains per gallon  
mg/l = milligrams per liter  
us/cm = microseimens/centimeter  
< = less than  
> = greater than

MCL = Primary maximum contaminant level as set by the EPA  
SMCL = Secondary maximum contaminant level as set by the EPA  
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.