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Alpha Analytical Laboratories, Inc. email: [clientservices@alpha-labs.com](mailto:clientservices@alpha-labs.com)  
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

30 July 2020

Ray's Well Testing Service

Attn: Ray's Well Testing Service

4853 Vine Hill Rd.

Sebastopol, CA 95472

RE: Water Quality

2455 Middle 2 Rock - Well B

Work Order: 20G2273

Enclosed are the results of analyses for samples received by the laboratory on 07/20/20 13:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Alisabeth J. Wilcox For Stephen F. McWeeney  
Lab Manager



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Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | T: 925-828-6226 | F: 925-828-6309 | ELAP# 2728  
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | T: 916-686-5190 | F: 916-686-5192 | ELAP# 2922  
North Bay: 110 Liberty Street | Petaluma, CA 94952 | T: 707-769-3128 | F: 707-769-8093 | ELAP# 2303  
San Diego: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | T: 760-930-2555 | F: 760-930-2510 | ELAP# 3055

|                            |              |                             |                |
|----------------------------|--------------|-----------------------------|----------------|
| Ray's Well Testing Service | Project:     | Water Quality               |                |
| 4853 Vine Hill Rd.         | Project #:   | 2455 Middle 2 Rock - Well B | Reported:      |
| Sebastopol CA, 95472       | Project Mgr: | Ray's Well Testing Service  | 07/30/20 16:44 |

### Analytical Report for Samples

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| Raw Well  | 20G2273-01    | Water  | 07/20/20 09:00 | 07/20/20 13:05 |



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Sample Name: Raw Well  
Laboratory ID: 20G2273-01  
Notes:

Report Date: 07/30/20 16:44  
Sample Date: 07/20/20 09:00  
Sample Received: 07/20/20 13:05

### Inorganic Chemicals

| Parameter | Result | MCL | Reporting Limit | Units | Test Method | ELAP # | Notes |
|-----------|--------|-----|-----------------|-------|-------------|--------|-------|
| Arsenic   | <2.0   | 10  | 2.0             | ug/L  | EPA 200.5   | 2303   |       |



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#### Notes and Definitions

- MCL Maximum Contaminant Level, the highest level of a contaminant that is allowed in drinking water regulated by the state of California. If no MCL is listed, the MCL has not been established.
- ND Analyte NOT DETECTED at or above the reporting limit
- \* Tiered Maximum Contaminant and/or Action Levels: Sulfate and Chloride 250-500-600 mg/L, Specific Conductance 900-1600-2200 umho/cm, TDS 500-1000-1500 mg/L.



Phone: (707) 823-3191 Fax: (707) 317-0057 Email: rayswelltesting@gmail.com

Address: 4853 Vine Hill Rd, Sebastopol Ca 95472 CA Lic. #: 903708

## Report of Mineral Analysis

DATE: 7/20/20

CUSTOMER NAME:

PROPERTY ADDRESS: 2455 Middle Two Rock Rd - Well B

| PARAMETER         | RESULT     |  | RECOMMENDED RANGES   |
|-------------------|------------|--|--|
|                   | Raw - Well |  |  |
| PH                | 8.22       |  | < 7 Increasingly acidic - may be corrosive<br>6.8 to 8.5 - Recommended Range<br>>7 Increasingly basic                    |
| TOTAL HARDNESS    | 4 gpg      |  | < 1 gpg Soft<br>1 to 3.5 gpg Slightly Hard<br>3.5 to 7 gpg Moderately Hard<br>7 to 10.5 gpg Hard<br>> 10.5 gpg Very Hard |
| TOTAL IRON        | ND         |  | 0.3 mg/l - SMCL  |
| TOTAL MANGANESE   | 0.04 mg/l  |  | 0.05 mg/l - SMCL   |
| CONDUCTIVITY      | 297 us/cm  |  | 900 us/cm - Recommended Upper Limit<br>1600 us/cm - SMCL   |
| NITRATES          | 13.3 mg/l  |  | 45 mg/l - MCL (tested as N03)  |
| SILICA            | 55 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 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.