

Tel: 831 724-5422
FAX: 831 724-3188

196098-1-90

29 AUG 05

SOIL CONTROL LAB

ANALYTICAL CHEMISTS
and
BACTERIOLOGISTS
Approved by State of California

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Capitola Pump
300 Kennedy Drive
Capitola CA 95010

MATERIAL: 335 Pikerd, Ben Lomond - Well
IDENTIFICATION: 335 Pikerd, Ben Lomond - Well
REPORT:

Water sample received 18 August 2005
Quantitative chemical analysis is as
follows expressed as milligrams per
liter (parts per million):

PUBLIC
HEALTH
DRINKING
WATER
LIMITS¹

Total Dissolved Solids	730	1000
Nitrate (as NO ₃)	< 1	45
Chloride (Cl)	57	250
Total Iron (Fe)	5.1	0.3
Manganese (Mn)	0.72	0.05

¹ California Administrative Code;
Title 22

Tel: 831 724-5422
FAX: 831 724-3188

Account Number:
196098-1-90

Reporting Date:
August 22, 2005

SOIL CONTROL LAB

ANALYTICAL CHEMISTS
and
BACTERIOLOGISTS
Approved by State of California

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Bacteriological Examination of Water for Coliform Organisms

Date Received: Water sample(s) received August 18, 2005
Water System #/Name: NA
Sampling Type: NA
Sampler's Name: Dean Slay / Capitola Pump
Report: Bacteriological examination of water for total coliforms and E Coli by MMO-MUG procedure using 100 milliliter sample is as follows:

Sample Identification	Sampling Date	Sampling Time	Total Coliforms	E. Coli
335 Pikerd, Ben Lomond, Well	8/18/05	11:30	Absent	Absent

Date/Time Analyzed: 8/18/2005 16:15
Method of Analysis: SM 9223 B

CA ELAP Certificate #1494 (This identifies our Laboratory to the Health Department)
A Division of Control Laboratories Inc

Sarah J. Jones

CAPITOLA PUMP COMPANY

300 KENNEDY DR., CAPITOLA, CA 95010 TEL: 475-5364 FAX: 475-0405
2 HOUR WELL TEST REPORT

DATE : 08/18/2005

PROPERTY OWNER: Robert Dobbinius

ADDRESS: 335 Pike Road, Ben Lomond

CONSTANT PUMP TEST ? Yes SUSTAINED YIELD: GPM 6

CONSTANT SPRING TEST? NO SUSTAINED YIELD:

AVERAGE YIELD TEST ? NO AVERAGE YIELD: N/A TOTAL GALLONS: N/A

NOTE: Average yield tests are used on 24 hour tests and on low yield wells or where pump controls don't allow for constant flow from the well

COMPLETE SAMPLES TAKEN ? Yes BACTERIA ONLY SAMPLES TAKEN ? No

NOTE: Complete samples to Santa Cruz County Standards for new construction.

COMMENTS: The system was in operating condition as of test date. The wood timbers supports under the tank are rotted and need to be replaced. Tank is in good shape. Need to put wire in junction boxes and conduit at well head.

INSPECTED BY: Dean Slay

Sustained yield is the pumping rate at which the pumping water level can be maintained, and is the rate normally used to compare wells. If the test is of sufficient duration (and assuming the aquifer has a large storage capacity), the sustained yield is the best indicator of long term well production during regular use. As used in this report, sustained yield is the production rate measured at the conclusion of a constant pumping level test.

Water levels in many wells, however, particularly small diameter domestic wells, cannot be monitored during pumping, and sustained yield can only be approximated by measuring average yield. Since the pumping level may be declining during the test, and the measured water production may include water in storage in the well at the start of the test, average yield may be significantly higher than the true sustained yield. Any period in which the pump broke suction during the test is included in calculating average yield.

Wells which break suction or have high drawdowns in relation to the standing water level, are often indicative of marginal long-term water producers. These wells should always have protective shutoff devices to prevent pump burnout. A smaller capacity pump may improve electrical efficiency and sustain less wear due to longer pumping cycles.

This report contains the sole observations and conclusions of the company pertaining to the testing of the customer's well. Any statements of the agents or employees of the company which are not repeated herein are superseded by this report and shall be relied upon at the customer's own voluntary risk.

The data and conclusions provided are based upon the tests and measurements of the company using standard and accepted practices of the groundwater industry. However, conditions in water wells are subject to dramatic changes in even short periods of time. Additionally, the techniques employed in this test may be subject to considerable error due to factors within the well and groundwater formation, which are beyond the company's immediate control or observation.

Therefore, the data are valid only as of the date and within the observational limitations of the test indicated. The test conclusions are intended for general comparison of the well in its present condition against known water well standards or guidelines, and should not be relied upon to predict either the future quantity or quality of the water that the well will produce. Wells should be periodically re-tested to reveal both seasonal and long-term fluctuations and trends. In presenting the data and conclusions, the company makes no warranties, either express or implied, as to future water production of the well. Further, the company, unless expressly stated to the contrary, does not represent that the well or pump system is in any particular condition or state of repair. Nor that the water produced will satisfy governmental ordinances or regulations, nor that the water is adequate for a particular purpose contemplated by customer. In accepting this report, the customer and holds harmless from liability for consequential or incidental damages arising (1) out of the breach of an express or implied warranty of future water production, or (2) in any matter connected to the further dissemination of this report or its conclusions by either customer or third parties except as required to complete the project or other activity for which the report is provided.