

Mailed 10/16/15

Print Form



COUNTY OF SONOMA PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

2550 Ventura Avenue, Santa Rosa, CA 95403-2829
(707) 565-1900 FAX (707) 565-1103

CERTIFICATION OF WATER YIELD IN WATER SCARCE AREAS

The Permit and Resource Management Department shall be notified 24 hours in advance of this test

Water Yield # _____

Well Permit # WEL14-0610

I. Individual performing test: Dave Lowman

II. Type of license/registration, number and expiration date: C57-177681 / 9-30-2015

III. Location of well:
Address: 9795 Summit Trail West, Santa Rosa A.P. #: 028/260/042

IV. Type and model of test pump: 30Q300 Hayes

V. Test pump setting depth: 280'

VI. Maximum reported yield for this pump type at this setting: 28 GPM

VII. Type of discharge measurement method: Meter & Bucket

VIII. Type and model of flow meter (or provide an accurate description of weir or orifice plate):

1" Recordall model #55 meter & measured 5 gallon bucket

Geographic coordinates (Plane Coordinate Method or distance from fixed landmarks): Latitude 38° 31' 50.7N

IX. Estimated elevation of well head: 1,990' GPS Longitude 122° 34' 22.4W

X. Initial static water level (include measuring points such as top of casing, surface seal, access port): 178.20' from the top of the well plate/ plate is 13" above ground level

XI. Date & time of initial static water level measurement: Aug 27, 2015 5:00 a.m./p.m.

- A. Discharge Rate: 2.6 GPM
- B. Dynamic Water Level: 191'
- C. Specific Capacity: ~~0.265~~ 0.18 Gpm/ft
- D. Pump Test duration: 8 hours 30 minutes

XII. Immediately after the test take the following measurements:

- A. Dynamic water level: 191'
- B. Final discharge rate: 2.3 GPM

XIII. Post - Test Measurement:

- A. Dynamic water level: 191'
- B. Static water level: 178.88'
- C. Percentage of recovery of final static level: 94.89%

Testing performed by (signature): Dave Lowman

Date: 8/27/15

Company: Weeks Drilling & Pump Co. Inc. Phone Number: (707)542-3272

RECEIVED

SEP 10 2015

PRMD - WELL & SEPTIC

Approved _____ Denied _____

Specialist [Signature]

Date 10/1/15