

Blue River Home Inspections and services, Inc.

Water flow rate test

SUBJECT PROPERTY: xxx Summit County, CO

CLIENT:

DATE: April 2, 2013

The flow rate test was performed by connecting a hose the house water source, in this case the hose bib at the washing machine, down stream from the water filters and treatment equipment, and running the water through a digital flow meter. Photos of the meter were taken every 10 min. up to 60 minutes to observe the flow rate and total amount discharged over a one hour period. No water was discharged into the septic system during the test.

Flow Rate test

Time

flow rate

total gallons

10 min.

1.53 gal. per min

12.09 gallons



20 min.

1.71 gpm

24.36 gallons



30 min. 1.46 gpm



35.81 gallons



40 min. 1.28 gpm



47.68 gallons



50 min. 0.39 gpm



58.39 gallon



60 min

1.23 gpm



69.66 gallons



The flow rate consistently showed around 0.3 to 1.3 gallons + gallons per min. which is an extremely low amount of water produced through the system during the flow rate test. This is due to the filter system. When bypassing the water treatment filters and connecting the flow measuring equipment directly to the pressure tank the water flow measured 11.98 gallons per min. **Air sputtered out of the discharge hose when testing flow from the pressure tank. Water may be entering the line at some location. This should be investigated by a well equipment specialist.**



filter and treatment equipment.

