



Olympus Engineering

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Legal Description:

MSB Tax Id - I7N02E05C019
12200 Helen Dr.

4 Bedroom Residence

Well and Leachfield Adequacy Test Date: 5/23/07
Report Date: 5/30/07

Leachfield Adequacy Test Results: Pass for 4 Bedroom

Well Information:

Depth unknown, 6" Steel Casing, Static Water Level 83' BTC

Water Samples Taken:

5/23/07; PASS (Coliform)

Well Flow Test Results:

Pass for 4 Bedroom, 4.9 Gallons per Minute (GPM) pump capacity/Well Flow Rate

Introduction

The well wiring is protected in conduit, and the grade is sloped away to allow for drainage or surface water. No improvements are required to the well. As the Septic Tank needs to be pumped yearly to insure future performance of the Septic System, proof of pumping of the tank within 1 year of this report needs to be provided, or the tank will need to be pumped at the time of sale.

Well Flow Test

The test, conducted on 5/23/07, measured the static water level of the well at 83' below top of casing prior to the beginning of the test. A total draw down of 7 feet was observed after 41 minutes of pumping. Water was initially produced at an average flow rate of 5.0 GPM. After the flow had stabilized, an average flow rate of 4.9 gallons per minute was maintained for the remainder of the test. Observations and measurements made after the flow of water had stopped determined that the well had a recovery rate that was greater than the established flow rate of 4.9 GPM. This flow rate is the maximum that can be established with the water system in its current configuration.

A total of 638 gallons was produced over a 2.1 hour period, with a continuous flow rate of approximately 4.9 GPM. The well had recovered to a level of 86' within 2 minutes after the test ended.

Septic Adequacy Test

The monitor tube for the system showed a total depth of 134". The observed layout and depths of the septic system tubes are consistent with the parameters of a Pit design, which is what the owner believes is the type of system that was originally installed. This report tests only the performance of the septic system, and does not verify any construction methods, or system sizes or materials.

The capacity of the septic system was tested utilizing the observations taken both at the time of the test and following the test to monitor the recovery of the system. Water was added to the monitor tube, and a rise in the water level in the monitor tube of 0" was recorded. This indicates that the water that was

* = From Record Information

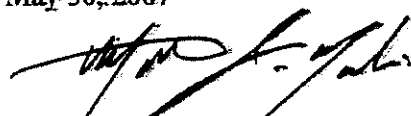
added was absorbed into the surrounding soil. The observed acceptance of 638 gallons of water exceeds the minimum 600 gallons required for a 4 bedroom residence.

In summary, the Well and Leachfield located at MSB Tax Id 17N02E05C019 (122200 Helen Dr.) have passed adequacy for the usage of a 4 Bedroom Single Family Residence at this time.

It should be noted that these results are not indicative of future performance of the system, and reflect performance at the time of the test. This test also does not verify construction methods or compliance of any materials used in the construction of the system, nor does it verify the condition of any of the subsurface components of the septic system.

Well and Septic Adequacy Test performed and certified by:

May 30, 2007



Matthew J. Nardini
CE 10322 AK

