



DIVISION OF OPERATIONS - PUBLIC WORKS DEPARTMENT

JACKSON COUNTY COURTHOUSE
 306 WEST KANSAS AVENUE
 INDEPENDENCE, MISSOURI 64050

DIRECTOR 881-4530
 ENGINEERING DIVISION 881-4510
 ROAD MAINTENANCE 881-4450
 ENVIRONMENTAL HEALTH 881-4472

PERCOLATION TEST DATA FORM

Percolation Test for Stephanie Mullins

Location Maybrook Rd.

Test Hole Number Preliminary

Depth to Bottom of Hole 19 inches. Diameter of Hole 6 inches.

Depth, Inches	Type and Condition of Soil
<u>0-19</u>	<u>Med. Brn. Loam/Clay</u>

Date and Time of Saturation Process 8:30-12:30; 6/14/17

Percolation Test by Tom R. Hampton, P.E.

Date of Test 6/15/17

Time	Interval, Minutes	Measurement, Inches	Drop in Water Level, Inches	Percolation Rate, Minutes per Inch	Remarks/Refills
7:50		11 5/8			
8:19	29	12 3/4	1 1/8	26	
8:49	30	13 3/4	1	30	
9:18	29	14 3/4	1	29	
9:48	30	15 5/8	7/8	34	
9:50	-	11 1/4	-	-	Refilled
10:20	30	12 1/4	1	30	
10:49	29	13 1/8	7/8	33	
11:19	30	14	7/8	34	
11:49	30	14 3/4	3/4	40	

Percolation Rate = 40 minutes per inch.

I hereby certify that the results of the above described test are correct.

Registered Engineer
 HAMPTON
 E-10510
 PROFESSIONAL ENGINEER
 6/20/17

TOM R. HAMPTON, P.E.
CONSULTING ENGINEER
9400 TIMBER MEADOWS DRIVE
LEE'S SUMMIT, MISSOURI 64064

(816) 824-2039

April 5, 2018

Mr. Matt Schlight
Environmental Solutions
50 S.E. 30th Street
Lee's Summit, MO

Dear Mr. Schlight:

This is in regard to the property at 5261 Maybrook. A percolation test was conducted on June 20, 2017 which indicated a rate of 40 minutes per inch. This rate would be adequate for a low pressure pipe system consisting of a septic tank, pumping chamber and, for a four bedroom home, 600 lineal feet of laterals.

The area required for the lateral field would be 3,000 sq. ft. or 50' x 60' and located to comply with the required setback of 25' from property lines. Plans would need to be prepared for submittal to Jackson County Public Works Dept. for review in order to obtain a construction permit.

If you have any questions, please contact me.

Sincerely,

Tom R. Hampton
Tom R. Hampton, P.E.