

TOWNSHIP OF DELAWARE
PERCOLATION TEST

PERMIT # 29-K-18

DATE 12/17,18/18

APPLICANT Robert & Evelyn Jacob

ADDRESS 29 Upper Creek Road, Stockton, N.J. 08559

Location of property to be witnessed

Block 19 Lot 8.02

Road Name Upper Creek Road

Property owners name and address (if different from above)

same

Engineering firm to do testing

Bayer- Risse Engineering

78 Route 173 West , Ste 6

Hampton, N.J. 08827

Witnessed by Robert H Kleckner Date 12/17,18/18

Fee of \$600.00 made payable to Delaware Township

Received by Robert H Kleckner Date 12/17/18

OK#
12640

Soil Log #1217-1 same pit as Pit Bail Test #1217-1

Depth 76"
 0" - 8" undisturbed topsoil loose leaves (wooded area) many fine, medium
 To large roots
 8" - 76" non-soil 60% to 80% fragments 60% gravel 10% cobbles 10% stone
 With 20% 10yr silt loam filler roots to 48" few fine faint 7.5yr7/2
 Mottles 46" to 76"
 No seepage
 Ground water infiltration @ 46"
 Mottles 46" to 76"
 Hard bottom machine refusal Kubota KX080-3

Soil Log #1217-2

Depth 78"
 0" - 3" Undisturbed topsoil loose leaves (wooded area) many fine, medium
 To large roots
 3" - 78" non-soil 60% to 80% fragments 60% gravel 10% cobbles 10% stone
 With 20% 10yr4/4 silt loam filler roots to 48" few fine faint 7.5yr7/2
 Mottles 42" to 78"
 No seepage
 Ground water infiltration @ 42"
 Mottles 42" to 78"
 Hard bottom machine refusal Kubota KX080-3

Pit Bail Test #1217-1 same pit as soil log #1217-1

Depth of pit----- 72"
 Static water 2 hrs. ----- 50"
 Static water 24 hrs. -----50"
 Impermeable stratum ----- 108"
 Final depth ----- 76"

Depth of pit -----72"
 Static water 2 hrs. -----50"
 Static water 24 hrs. -----50"
 Impermeable stratum -----108"
 Final depth -----76"

TIME	DEPTH	LENGTH	WIDTH	RATE
1:43	65"	45"	30"	
1:58	61"	53"	42"	5.8
2:13	59"	62"	46"	5.2
2:28	57"	68"	51"	8.1
2:43	55"	73"	53"	12.4
3:00	53"	74"	55"	15.7

TEST POSITIVE FINAL K 42

PERCOLATION TEST REPORT

Date of request 12/4/18 Name of caller Mark

Location 29 Upper Creek Road

Block 19 Lot 8.02 Municipality Delaware Township

Engineering firm Bayer-Risse Engineering

Tester(on site) Mark

Date of test 12/17,18/18

Test hole depth 72"

Results POSITIVE

Soil Boring:depth 76"---78"

Ground water encountered 42"

Depth to water table 42"

Comments:

Perc Test Rate: Acceptable X Unacceptable _____

Test Witnessed by: Robert H. Hickman Date 12/17,18/18

Exploratory Log # 1

0" - 4" topsoil
4" - 60" non-soil
Seepage @ 21"
Mottles @ 21" to 60"
Stopped test

Exploratory Log # 2

0" - 3" topsoil
3" - 48" non-soil
Hard bottom stopped test

Exploratory Log # 3

0" - 3" topsoil
3" - 72" non-soil
Slight seepage @ 36"
Mottles @ 36" to 72"
Hard bottom stopped test

Exploratory Log # 4

0" - 3" topsoil
3" - 36" silt loam
36" - 78" non-soil
mottles 36 to 78
hard bottom stopped rest

