

200 White Mountain Drive
New Bremen, OH 45869
Tel: (419) 977-2766
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Report Date 5/5/2016
Client Name Ramblewood Country Club
File Number 76006
Consultant Soil and Water Consulting

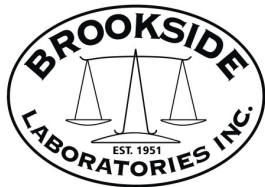
Soil Saturated Hydraulic Conductivity Estimations (Drop)

Sample Description RED COURSE GREEN 1 1-6"

Weight of tube (g)	187.45
Weight of tube + material (g)	553.06
Wet weight of tube + material (g)	637.19
Pounds of wet material per cubic foot*	115.3
Soil depth (mm)	120
Water depth (mm)	30
Time to drain (s)	89
Volume of cylinder (cubic inches)	14.8
Height (mm) rim to surface of material	30
Estimated saturated hydraulic conductivity (mm/hour)	137.6
Estimated saturated hydraulic conductivity (in/hour)	5.4

*Pounds of wet material per cubic foot is an estimate when water is still flowing through sample.

Note: Method used is from Practical Drainage for Golf, Sportsturf, and Horticulture



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Soil Saturated Hydraulic Conductivity Estimations (Drop)

Sample Description RED COURSE GREEN 1 BELOW 6"

Weight of tube (g)	194.48
Weight of tube + material (g)	535.66
Wet weight of tube + material (g)	597.57
Pounds of wet material per cubic foot*	99.2
Soil depth (mm)	125
Water depth (mm)	25
Time to drain (s)	756
Volume of cylinder (cubic inches)	15.5
Height (mm) rim to surface of material	25
Estimated saturated hydraulic conductivity (mm/hour)	15.3
Estimated saturated hydraulic conductivity (in/hour)	0.6

*Pounds of wet material per cubic foot is an estimate when water is still flowing through sample.

Note: Method used is from Practical Drainage for Golf, Sportsturf, and Horticulture