

200 White Mountain Drive
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Report Date 5/4/2016
Client Name River Winds Golf and Tennis Club
File Number 53894
Consultant Soil and Water Consulting

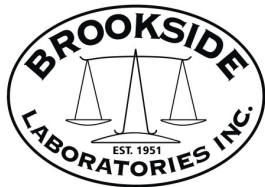
Soil Saturated Hydraulic Conductivity Estimations (Drop)

Sample Description GREEN 9 0- 3"

Weight of tube (g)	187.95
Weight of tube + material (g)	303.02
Wet weight of tube + material (g)	342.34
Pounds of wet material per cubic foot*	105.6
Soil depth (mm)	45
Water depth (mm)	105
Time to drain (s)	715
Volume of cylinder (cubic inches)	5.6
Height (mm) rim to surface of material	105
Estimated saturated hydraulic conductivity (mm/hour)	23.4
Estimated saturated hydraulic conductivity (in/hour)	0.9

*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 GREEN 9 BELOW 3"

Weight of tube (g)	189.72
Weight of tube + material (g)	613.37
Wet weight of tube + material (g)	396.26
Pounds of wet material per cubic foot*	48.9
Soil depth (mm)	130
Water depth (mm)	20
Time to drain (s)	49
Volume of cylinder (cubic inches)	16.1
Height (mm) rim to surface of material	20
Estimated saturated hydraulic conductivity (mm/hour)	220.1
Estimated saturated hydraulic conductivity (in/hour)	8.7

*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