

200 White Mountain Drive
New Bremen, OH 45869
Tel: (419) 977-2766
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Report Date 12/29/2016

Client Name Las Vegas Country Club

File Number 51324

Consultant Soil and Water Consulting

Soil Saturated Hydraulic Conductivity Estimations (Drop)

Sample Description GREEN 13 0-1 3/4"

Weight of tube (g) 188.11

Weight of tube + material (g)

Wet weight of tube + material (g)

Pounds of wet material per cubic foot* 97.1

Soil depth (mm)

Water depth (mm)

Time to drain (s)

Volume of cylinder (cubic inches)

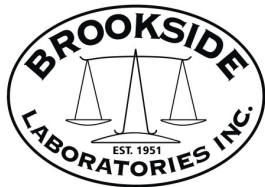
Height (mm) rim to surface of material

Estimated saturated hydraulic conductivity (mm/hour) 263.7

Estimated saturated hydraulic conductivity (in/hour) 10.4

*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 GREEN 13 BELOW 1 3/4"

Weight of tube (g) 189.44

Weight of tube + material (g)

Wet weight of tube + material (g)

Pounds of wet material per cubic foot* 115.9

Soil depth (mm)

Water depth (mm)

Time to drain (s)

Volume of cylinder (cubic inches)

Height (mm) rim to surface of material

Estimated saturated hydraulic conductivity (mm/hour) 853.3

Estimated saturated hydraulic conductivity (in/hour) 33.6

*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