



200 White Mountain Drive
New Bremen, OH 45869
Tel: (419) 977-2766
Fax: (419) 977-2767

Report Date 12/20/2016

Client Name Tucson Country Club

File Number 34998

Consultant Soil and Water Consulting

Soil Saturated Hydraulic Conductivity Estimations (Drop)

Sample Description GREEN 10 0-2"

Weight of tube (g) 189.51

Weight of tube + material (g)

Wet weight of tube + material (g)

Pounds of wet material per cubic foot* 119.5

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) 5.3

Estimated saturated hydraulic conductivity (in/hour) < 0.5

*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 10 BELOW 2"

Weight of tube (g) 189.73

Weight of tube + material (g)

Wet weight of tube + material (g)

Pounds of wet material per cubic foot* 120.1

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) 79.5

Estimated saturated hydraulic conductivity (in/hour) 3.1

*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