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TESTING CERT #1014.01

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Date Received: May 30, 2018

Date Reported: June 4, 2018

Sample Number: L155-18

Test Report For: Jersey Soil Blending

RE: Greens Toppdressing Sand Test

P.O. Box 525

Nutley, NJ 07110

Attn: Julianne Venezia

Recommendation Form (Version 1) - Effective Date: 5/17/10

Recommendations:

The 5R Sand from Jersey Soil Blending was evaluated on June 1, 2018, to determine if it meets USGA recommendations for a topdressing sand. The condition of the sample as received was normal.

The Sand is a coarse medium sand with 93.4% particles within the USGA range of 1.0 to 0.15 mm for a topdressing sand. This is a very high percentage of particles within this range with a majority of the particles (46.3%) in the medium sand fraction range. The USGA has recognized for many years that the medium sand fraction is the best sand fraction for a topdressing sand. This topdressing sand has only 4.9% particles larger than 1.0 mm and only 1.7% "fines" (0.9 very fine sand, 0.5% silt, and 0.3% clay). This Sand meets USGA particle size recommendations for a topdressing and rootzone mix (greensmix) sand.

The Sand is a silica sand with a soil water pH of 4.3.

The Sand had a high water permeability rate of 48.5 in/hr. when compacted by the USGA procedure ASTM F1815 to simulate a compacted golf green. This is a high and very adequate rate for a topdressing sand. A topdressing sand should have a rate >20 in/hr. to allow for adequate drainage.

Conclusion: According to USGA guidelines for selecting a topdressing sand, this 5R Sand is a very good topdressing sand. This topdressing sand is very compatible with any green that meets USGA particle size recommendations and will greatly benefit those greens that do not.

Rowell Gimes

Recommendations are based on the samples received. Results and comments relate to the samples tested. This report cannot be reproduced except in full, and not without written approval of the laboratory.