



SOIL AND WATER CONSULTING

Data Collection Report

July 2019

Date of Collection: 7/31/19

Client: Jumping Brook Country Club



GREENS	Acceptable Range For Standard Soil Sample	5,13,14,16(avg) <u>7/31/19</u>
Organic Matter (Humus)	2 - 3%	4.25
Sulfur	50 - 100 ppm	10.00
Mehlich III - Phosphorus	350 lbs/acre	785.25
Calcium	68%	73.00
Magnesium	15%	9.82
Potassium	5%	3.55
Sodium	<2%	1.27
Boron	1 - 1.5 ppm	0.53
Iron	120 ppm	175.50
Manganese	50 ppm	10.25

GREENS	Acceptable Range For Saturated Paste Sample	5,13,14,16(avg) <u>7/31/19</u>	5,13,14,16(avg) <u>7/31/19</u>
Nitrate - Bentgrass/Poa	3 - 5 ppm	<0.5	8.08
Phosphorus	2 - 10 ppm	2.23	2.33
Potassium	40 - 100 ppm	39.04	33.93
Calcium	60 - 200 ppm	47.15	24.56
Magnesium	20 - 70 ppm	9.66	5.04
Sodium	0 - 30 ppm	12.37	12.25
Soluble Salts	<1,920 ppm	310.50	196.00
Bicarbonate	<60 ppm	80.53	41.49
Chloride	<1,000 ppm	32.00	35.00
SAR	<4%	0.43	0.59

GREENS	Acceptable Range For Tissue Sample	1,6,8,17(avg) <u>7/1/19</u>
Nitrogen	3.0%-6.5%	4.42
Phosphorus	0.2%-0.55%	0.83
Potassium	0.86%-2.55%	2.59
Calcium	0.21%-0.50%	0.42
Magnesium	0.09%-0.22%	0.18
Sodium	506- 2264 ppm	310.50