



SOIL AND WATER CONSULTING

Data Collection Report

July 2020

Date of Collection: 7/6/20

Client: Jumping Brook Country Club



GREENS	Acceptable Range For Standard Soil Sample	5,13,14,16(avg) 7/31/19	8,11,14,17(avg) 7/6/20
Organic Matter (Humus)	2 - 3%	4.25	4.50
Sulfur	50 - 100 ppm	10.00	52.75
Mehlich III - Phosphorus	350 lbs/acre	785.25	1,338.50
Calcium	68%	73.00	71.81
Magnesium	15%	9.82	8.61
Potassium	5%	3.55	4.25
Sodium	<2%	1.27	1.70
Boron	1 - 1.5 ppm	0.53	0.67
Iron	120 ppm	175.50	436.75
Manganese	50 ppm	10.25	53.50

GREENS	Acceptable Range For Saturated Paste Sample	5,13,14,16((avg) 7/31/19	8,11,14,17(avg) 7/6/20
Nitrate - Bentgrass/Poa	1-3 ppm	8.08	<0.5
Phosphorus	2 - 7 ppm	2.33	0.53
Potassium	25-40 ppm	33.93	35.28
Calcium	50- 75 ppm	24.81	63.63
Magnesium	15-30 ppm	5.04	10.53
Sodium	0 - 30 ppm	12.25	14.41
Soluble Salts	<1,000 ppm	196.00	362.75
Bicarbonate	<60 ppm	41.49	59.75
Chloride	<200 ppm	35.00	35.50
SAR	<4%	0.59	0.44

GREENS	Acceptable Range For Tissue Sample	1,6,8,17(avg) 7/1/19	8,11,14,17(avg) 7/6/20
Nitrogen	3.0%-6.5%	4.42	4.36
Phosphorus	0.2%-0.55%	0.83	0.89
Potassium	0.86%-2.55%	2.59	2.64
Calcium	0.21%-0.50%	0.42	0.41
Magnesium	0.09%-0.22%	0.18	0.19
Sodium	506- 2264 ppm	310.50	400.75