



SOIL AND WATER CONSULTING

Data Collection Report

Summer 2021

Date of Collection: 6/19/21

Client: Seven Oaks Country Club



Testing Results

<u>6/19/21</u>	
Humidity/Air Temperature	10%/100°
Greens Temperature	n/r

WATER	Acceptable Range For Water Sample	Irrigation Pond 6/19/21
pH	6.3-6.5	8.61
EC	<2.25 mmhos/cm	0.19
Sodium		22.96
Calcium	20 - 60 ppm	12.40
Magnesium	10 - 25 ppm	0.67
Potassium	5 - 20 ppm	2.45
Sulfur	30 - 90 ppm	18.32
Bicarbonate	<120 ppm	59.53
Boron	<0.67 ppm	0.13
Chloride	<177 ppm	4.26

GREENS	Acceptable Range For Alkaline Soils Sample	Island 1,2,5,6,7,8(avg) 6/19/21
Organic Matter (Humus)	2 - 3%	0.43
Sulfur	12 - 16 ppm	17.17
Olsen - Phosphorus	13 - 20 ppm	14.17
Calcium - TEC of 6 - 12	1,000 lbs/acre	829.33
Magnesium	>7% base saturation or at least 200 lbs/acre	15.12%/108.66
Potassium - TEC of 0 - 35	150 ppm	94.83
Manganese	>50 ppm	40.67

GREENS	Acceptable Range For Saturated Paste Sample	Island 1,2,5,6,7,8(avg) 6/19/21
Nitrate -Dominator Bentgrass	1-3 ppm	7.90
Phosphorus	2 - 7 ppm	4.90
Potassium	25-40 ppm	30.20
Calcium	50- 75 ppm	22.80
Magnesium	15-30 ppm	5.57
Sodium	0 - 30 ppm	22.20
Soluble Salts	<1,000 ppm	221.33
Bicarbonate	<60 ppm	43.53
Chloride	<200 ppm	10.67
SAR	<4%	1.08