



SOIL AND WATER CONSULTING

Data Collection Report

Spring 2023

Date of Collection: 3/1/23

Client: Yorba Linda Country Club



Testing Results

<u>3/1/23</u>	
Humidity/Air Temperature	n/r
Greens Temperature	n/r
Fairway Temperature	n/r

WATER	Acceptable Range For Water Sample	Hole #? 3/1/23
pH	6.0-6.5	7.45
EC	<2.25 mmhos/cm	1.59
Sodium		147.02
Calcium	20 - 60 ppm	147.86
Magnesium	10 - 25 ppm	60.03
Potassium	5 - 20 ppm	2.99
Sulfur	30 - 90 ppm	411.47
Bicarbonate	<120 ppm	301.49
Boron	<0.67 ppm	0.21
Chloride	<177 ppm	233.19

TEES	Acceptable Range For Alkaline Soils Sample	1,5,9,18(avg) 3/1/23
Organic Matter (Humus)	2 - 3%	2.93
Sulfur	12 - 16 ppm	41.00
Olsen - Phosphorus	13 - 20 ppm	63.50
Calcium - TEC of 6 - 12	1,000 lbs/acre	3,988.00
Magnesium	>7% base saturation or at least 200 lbs/acre	17.21%/546.50
Potassium - TEC of 0 - 35	100 ppm	80.25
Manganese	>50 ppm	31.25

FAIRWAYS	Acceptable Range For Alkaline Soils Sample	1,9,10,18(avg) 3/1/23
Organic Matter (Humus)	2 - 3%	6.80
Sulfur	12 - 16 ppm	88.00
Olsen - Phosphorus	13 - 20 ppm	46.75
Calcium - TEC of 6 - 12	1,000 lbs/acre	6,375.00
Magnesium	>7% base saturation or at least 200 lbs/acre	25.75%/1519
Potassium - TEC of 0 - 35	100 ppm	246.25
Manganese	>50 ppm	53.00

GREENS	Acceptable Range For Alkaline Soils Sample	1,4,7,9,15,18(avg) 3/1/23
Organic Matter (Humus)	2 - 3%	0.70
Sulfur	12 - 16 ppm	22.67
Olsen - Phosphorus	13 - 20 ppm	10.17
Calcium - TEC of 6 - 12	1,000 lbs/acre	1,787.00
Magnesium	>7% base saturation or at least 200 lbs/acre	13.97%/188.67
Potassium - TEC of 0 - 35	150 ppm	48.50
Manganese	>50 ppm	19.67