



SOIL AND WATER CONSULTING

Data Collection Report

Summer 2018

Client: Canyon Gate Country Club



	<u>6/15/18</u>	<u>6/21/18</u>	<u>6/29/18</u>
Nutrients Sprayed			

Testing Results



	Acceptable Range For Water Sample	Direct Pipe 3/7/18	Direct Pipe 6/21/18
EC	<2.25 mmhos/cm	1.78	1.02
Sodium		222.10	84.58
Calcium	20 - 60 ppm	78.45	64.87
Magnesium	10 - 25 ppm	23.65	27.14
Potassium	5 - 20 ppm	20.88	11.62
Nitrate	10-25 ppm	16.04	3.99
Phosphorus	0.1-0.4 ppm	1.35	0.24
Sulfur	30 - 90 ppm	226.38	118.20
Bicarbonate	<120 ppm	148.11	241.76
Boron	<0.67 ppm	0.35	0.14
Chloride	<177 ppm	292.59	124.93

GREENS	Acceptable Range For Tissue Sample	1,7,11 (avg) 6/15/18	1,7,11 (avg) 6/21/18	1,7,11 (avg) 6/29/18
Nitrogen	3.0%-6.5%	5.21	5.01	5.17
Phosphorus	0.2%-0.55%	0.61	0.58	0.68
Potassium	0.86%-2.55%	2.64	1.95	2.00
Calcium	0.21%-0.50%	0.96	0.62	0.91
Magnesium	0.09%-0.22%	0.52	0.35	0.53
Sulfur	0.23%-0.39%	0.48	n/t	n/t
Boron	5-24 ppm	40.43	n/t	n/t
Iron	99-500 ppm	690.33	n/t	n/t
Manganese	30-160 ppm	326.00	n/t	n/t
Copper	9-40 ppm	43.43	n/t	n/t
Zinc	5-60 ppm	118.80	n/t	n/t
Aluminum	63- 408 ppm	539.67	n/t	n/t
Sodium	506- 2264 ppm	2,706.67	2,170.00	2,903.33