

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Western Golf Properties
1 Spectrum Pointe Dr #310
Lake Forest, CA 92630

File Number: 80046
Date Received: 10/11/2022
Date Reported: 10/20/2022

Submitted By: Soil and Water Consulting

Lab Number	2301
Sample Location	SAN RAMON GC
Sample Description	IRRIGATION STREAM #9

pH	7.77
Hardness (ppm)	304.02
Hardness (grains/gal)	17.78
Conductivity (mmhos/cm)	0.97
Sodium Adsorp. Ratio	2.70
Adjusted SAR	5.95
Adjusted RNa	3.46
pHc	7.19
Residual Sodium Carbonate (RSC)	0.76

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	71.62	3.57	16.24
Magnesium	(Mg)	30.37	2.50	6.89
Potassium	(K)	2.52	0.06	0.57
Sodium	(Na)	108.10	4.70	24.52
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	341.43		77.44
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	416.61	6.83	94.49
Hydroxide	(OH)	0.00		
Chloride	(Cl)	94.81	2.67	21.50
Sulfur as	(S04)	66.63	1.39	15.11
Salt Concentration	(TDS)	621.70		141.00
Boron	(B)	0.34		0.08

Manganese	(Mn)	< 0.020
Copper	(Cu)	< 0.020
Zinc	(Zn)	< 0.040
Aluminum	(Al)	< 0.200

Cation/Anion Ratio	0.99
--------------------	------

NO ₃ -N (ppm)	0.87
Total P (ppm)	< 0.20

Reviewed by:



BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Western Golf Properties
1 Spectrum Pointe Dr #310
Lake Forest, CA 92630

File Number: 80046
Date Received: 10/19/2022
Date Reported: 10/20/2022

Submitted By: Soil and Water Consulting

Lab Number	2359
Sample Location	SAN RAMON GC
Sample Description	IRRIGATIO POND

pH	7.63
Hardness (ppm)	205.90
Hardness (grains/gal)	12.04
Conductivity (mmhos/cm)	1.12
Sodium Adsorp. Ratio	4.75
Adjusted SAR	9.10
Adjusted RNa	5.80
pHc	7.48
Residual Sodium Carbonate (RSC)	0.91

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	49.85	2.49	11.31
Magnesium	(Mg)	19.74	1.62	4.48
Potassium	(K)	2.21	0.06	0.50
Sodium	(Na)	156.70	6.81	35.54
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	250.80		56.88
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	306.03	5.02	69.41
Hydroxide	(OH)	0.00		
Chloride	(Cl)	221.78	6.25	50.30
Sulfur as	(S04)	2.53	0.05	0.57
Salt Concentration	(TDS)	714.82		162.12
Boron	(B)	1.01		0.23

Manganese	(Mn)	< 0.020
Copper	(Cu)	< 0.020
Zinc	(Zn)	< 0.040
Aluminum	(Al)	< 0.200

Cation/Anion Ratio	0.97
--------------------	------

NO ₃ -N (ppm)	< 0.10
Total P (ppm)	< 0.20

Reviewed by:

