

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Santa Rosa Golf & Country Club
333 Country Club Drive
Santa Rosa, CA 95401

File Number: 94233
Date Received: 5/7/2025
Date Reported: 5/8/2025

Submitted By: Soil and Water Consulting

Lab Number	0972
Sample Location	IRRIGATION WATER
Sample Description	HOLE #1

pH	7.73
Hardness (ppm)	48.49
Hardness (grains/gal)	2.84
Conductivity (mmhos/cm)	0.28
Sodium Adsorp. Ratio	2.89
Adjusted SAR	3.63
Adjusted RNa	2.67
pHc	8.14
Residual Sodium Carbonate (RSC)	1.39

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	13.14	0.66	2.98
Magnesium	(Mg)	3.71	0.31	0.84
Potassium	(K)	2.17	0.06	0.49
Sodium	(Na)	46.08	2.00	10.45
Iron	(Fe)	0.23		0.05
Total Alkalinity	(CaCO ₃)	120.75		27.39
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	143.56	2.35	32.56
Hydroxide	(OH)	0.00		
Chloride	(Cl)	15.83	0.45	3.59
Sulfur as	(S04)	2.79	0.06	0.63
Salt Concentration	(TDS)	179.20		40.64
Boron	(B)	0.25		0.06

Manganese	(Mn)	< 0.020	
Copper	(Cu)	0.046	0.010
Zinc	(Zn)	< 0.040	
Aluminum	(Al)	0.293	0.066

Cation/Anion Ratio	NA
--------------------	----

NO ₃ -N (ppm)	< 0.10
Total P (ppm)	0.23

Reviewed by:

