

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Anthem Country Club
Phoenix, AZ

File Number: 85330
Date Received: 3/24/2022
Date Reported: 3/25/2022

Submitted By: Soil and Water Consulting

Lab Number	0544
Sample Location	PERSIMMON COURSE
Sample Description	IRRIGATION HOLE #, SPRINKLERHEAD

pH	6.99
Hardness (ppm)	294.54
Hardness (grains/gal)	17.22
Conductivity (mmhos/cm)	1.68
Sodium Adsorp. Ratio	7.35
Adjusted SAR	12.05
Adjusted RNa	8.13
pHc	7.76
Residual Sodium Carbonate (RSC)	-3.79

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		72.87	3.64	16.53
Magnesium (Mg)		27.31	2.25	6.19
Potassium (K)		16.97	0.43	3.85
Sodium (Na)		289.80	12.60	65.73
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		104.43		23.68
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		127.43	2.09	28.90
Hydroxide (OH)		0.00		
Chloride (Cl)		317.27	8.95	71.96
Sulfur as (SO ₄)		291.75	6.07	66.17
Salt Concentration (TDS)		1075.97		244.03
Boron (B)		0.30		0.07

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

Cation/Anion Ratio	1.10
--------------------	------

NO ₃ -N (ppm)	4.29
Total P (ppm)	< 0.20

Reviewed by:

