

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Anthem Country Club
Phoenix, AZ

File Number: 85330
Date Received: 6/9/2022
Date Reported: 6/10/2022

Submitted By: Soil and Water Consulting

Lab Number	1183
Sample Location	IRONWOOD COURSE
Sample Description	IRRIGATION WATER

pH	6.28
Hardness (ppm)	266.48
Hardness (grains/gal)	15.58
Conductivity (mmhos/cm)	1.48
Sodium Adsorp. Ratio	4.65
Adjusted SAR	6.60
Adjusted RNa	4.65
pHc	7.98
Residual Sodium Carbonate (RSC)	-3.96

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		61.35	3.06	13.91
Magnesium (Mg)		27.48	2.26	6.23
Potassium (K)		10.28	0.26	2.33
Sodium (Na)		174.60	7.59	39.60
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		67.85		15.39
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		82.79	1.36	18.78
Hydroxide (OH)		0.00		
Chloride (Cl)		198.63	5.60	45.05
Sulfur as (SO ₄)		313.80	6.53	71.17
Salt Concentration (TDS)		947.20		214.82
Boron (B)		0.24		0.06

Cation/Anion Ratio	0.98
--------------------	------

Reviewed by:



BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Anthem Country Club
Phoenix, AZ

File Number: 85330
Date Received: 6/9/2022
Date Reported: 6/10/2022

Submitted By: Soil and Water Consulting

Lab Number	1184
Sample Location	PERSIMMON COURSE
Sample Description	IRRIGATION WATER

pH	6.21
Hardness (ppm)	254.04
Hardness (grains/gal)	14.86
Conductivity (mmhos/cm)	1.49
Sodium Adsorp. Ratio	4.91
Adjusted SAR	6.44
Adjusted RNa	4.72
pHc	8.09
Residual Sodium Carbonate (RSC)	-3.93

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		56.75	2.83	12.87
Magnesium (Mg)		27.25	2.24	6.18
Potassium (K)		10.34	0.26	2.35
Sodium (Na)		180.00	7.83	40.82
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		57.23		12.98
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		69.83	1.14	15.84
Hydroxide (OH)		0.00		
Chloride (Cl)		203.06	5.73	46.05
Sulfur as (SO ₄)		318.90	6.64	72.33
Salt Concentration (TDS)		952.32		215.99
Boron (B)		0.25		0.06

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

Reviewed by:

