

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

La Valle Coastal Club
5690 Cancha de Golf
Rancho Santa Fe, CA 92091

File Number: 93033
Date Received: 4/14/2025
Date Reported: 4/15/2025

Submitted By: Soil and Water Consulting

Lab Number	0731
Sample Location	IRRIGATION WATER
Sample Description	NORTH

pH	7.15
Hardness (ppm)	270.44
Hardness (grains/gal)	15.82
Conductivity (mmhos/cm)	1.43
Sodium Adsorp. Ratio	4.93
Adjusted SAR	9.88
Adjusted RNa	5.61
pHc	7.39
Residual Sodium Carbonate (RSC)	-2.92

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	69.76	3.48	15.82
Magnesium	(Mg)	23.34	1.92	5.29
Potassium	(K)	22.53	0.58	5.11
Sodium	(Na)	186.17	8.09	42.22
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	127.10		28.83
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	151.33	2.48	34.32
Hydroxide	(OH)	0.00		
Chloride	(Cl)	248.33	7.00	56.32
Sulfur as	(S04)	199.87	4.16	45.33
Salt Concentration	(TDS)	917.76		208.15
Boron	(B)	0.36		0.08

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

Cation/Anion Ratio	NA
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NO ₃ -N (ppm)	10.75
Total P (ppm)	3.60

Reviewed by:



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Submitted By: Soil and Water Consulting

Lab Number	0732
Sample Location	IRRIGATION WATER
Sample Description	EAST NEW #1

pH	7.20
Hardness (ppm)	290.18
Hardness (grains/gal)	16.97
Conductivity (mmhos/cm)	1.44
Sodium Adsorp. Ratio	4.70
Adjusted SAR	9.53
Adjusted RNa	5.36
pHc	7.37
Residual Sodium Carbonate (RSC)	-3.26

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		71.60	3.57	16.24
Magnesium (Mg)		27.02	2.22	6.13
Potassium (K)		21.52	0.55	4.88
Sodium (Na)		184.20	8.01	41.78
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO ₃)		129.84		29.45
Carbonate (CO ₃)		0.00		
Bicarbonate (HCO ₃)		154.68	2.54	35.08
Hydroxide (OH)		0.00		
Chloride (Cl)		251.91	7.10	57.13
Sulfur as (S04)		213.89	4.45	48.51
Salt Concentration (TDS)		920.96		208.87
Boron (B)		0.29		0.07

Manganese (Mn)		0.197		0.045
Copper (Cu)		0.073		0.017
Zinc (Zn)		< 0.040		
Aluminum (Al)		< 0.200		

Cation/Anion Ratio	NA
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NO ₃ -N (ppm)	10.75
Total P (ppm)	2.32

Reviewed by:

