

# BROOKSIDE LABORATORIES, INC.

## SATURATED SOIL ANALYSIS

Yorba Linda Country Club  
 19400 E. Mountain View Avenue  
 Yorba Linda, CA 92866

File Number: 89340  
 Date Received: 10/23/2023  
 Date Reported: 10/25/2023

Submitted By: Soil and Water Consulting

Lab Number 0028  
 Description TEE  
 2

pH 8.1

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	609					
Chloride	125					
Nitrate (NO <sub>3</sub> -N)	4.7					
Bicarbonate	118.12					
Sulfur	66.77					
Phosphorus	2.07					
Calcium	77.19	3.85	36.48			
Magnesium	24.53	2.02	19.10			
Potassium	18.52	0.47	4.49			
Sodium	96.96	4.22	39.93			
TOTAL		10.56	100			

Boron 0.19  
 Iron 0.66  
 Manganese 0.03  
 Copper 0.03  
 Zinc 0.02  
 Aluminum 0.71  
 Ammonium (NH<sub>4</sub>-N) 1.1

ESP (calculated) 2.32  
 SAR (calculated) 2.46

\* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number                   0029  
Description                 FAIRWAY  
                                      2

pH                                 8.1

	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	799					
Chloride	165					
Nitrate (NO3-N)	< 0.5					
Bicarbonate	142.04					
Sulfur	98.62					
Phosphorus	3.13					
Calcium	99.41	4.96	33.78			
Magnesium	42.05	3.46	23.55			
Potassium	34.13	0.87	5.94			
Sodium	124.06	5.39	36.73			
TOTAL		14.69	100			

Boron                         0.31  
Iron                            0.78  
Manganese                    0.07  
Copper                        0.03  
Zinc                            0.03  
Aluminum                     0.85  
Ammonium (NH4-N)         1.6

ESP (calculated)            2.55  
SAR (calculated)            2.63

\* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0030				0031		
Description	GREEN				GREEN		
	2				14		
pH	8.0				8.0		
	(ppm)	meq/l	%		(ppm)	meq/l	%
Soluble Salts *	274				283		
Chloride	35				43		
Nitrate (NO <sub>3</sub> -N)	< 0.5				1.7		
Bicarbonate	62.31				55.34		
Sulfur	29.41				32.07		
Phosphorus	1.75				1.42		
Calcium	26.04	1.30	29.74		28.61	1.43	32.15
Magnesium	7.32	0.60	13.78		8.14	0.67	15.08
Potassium	13.55	0.35	7.93		11.56	0.30	6.66
Sodium	48.78	2.12	48.54		47.10	2.05	46.11
TOTAL		4.37	100			4.44	100
Boron	0.10				0.09		
Iron	0.84				0.70		
Manganese	0.08				0.07		
Copper	0.04				0.03		
Zinc	0.02				0.01		
Aluminum	1.32				1.19		
Ammonium (NH <sub>4</sub> -N)	< 0.5				< 0.5		
ESP (calculated)	1.91				1.66		
SAR (calculated)	2.17				2.00		

\* Soluble Salts: mmhos/cm = ppm / 640