

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Seven Oaks CC
Bakersfield, CA

File Number: 73606
Date Received: 10/20/2023
Date Reported: 10/24/2023

Submitted By: Soil and Water Consulting

Lab Number	0050
Description	FAIRWAY ISLANDS 6

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	166					
Chloride	21					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	58.62					
Sulfur	12.30					
Phosphorus	0.45					
Calcium	20.26	1.01	34.16			
Magnesium	3.73	0.31	10.37			
Potassium	10.79	0.28	9.33			
Sodium	31.40	1.37	46.14			
TOTAL		2.96	100			
Boron	0.14					
Iron	0.70					
Manganese	0.10					
Copper	0.06					
Zinc	0.02					
Aluminum	1.82					
Ammonium (NH ₄ -N)	< 0.5					
ESP (calculated)	1.21					
SAR (calculated)	1.68					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0051
Description	GREEN ISLANDS 6

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	179					
Chloride	18					
Nitrate (NO ₃ -N)	0.7					
Bicarbonate	45.22					
Sulfur	19.07					
Phosphorus	2.47					
Calcium	14.71	0.73	22.77			
Magnesium	4.67	0.38	11.91			
Potassium	21.43	0.55	16.99			
Sodium	35.86	1.56	48.33			
TOTAL		3.23	100			

Boron	0.16
Iron	1.72
Manganese	0.09
Copper	0.07
Zinc	0.02
Aluminum	1.73
Ammonium (NH ₄ -N)	0.7

ESP (calculated)	1.78
SAR (calculated)	2.08

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0052
Description	TEES ISLANDS 6

pH	8.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	225					
Chloride	34					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	95.22					

Sulfur	19.68					
Phosphorus	0.72					
Calcium	28.74	1.43	30.56			
Magnesium	5.19	0.43	9.09			
Potassium	20.53	0.53	11.19			
Sodium	53.06	2.31	49.16			
TOTAL		4.69	100			

Boron	0.19
Iron	0.63
Manganese	0.23
Copper	0.07
Zinc	0.05
Aluminum	1.70
Ammonium (NH ₄ -N)	0.9

ESP (calculated)	2.22
SAR (calculated)	2.39

* Soluble Salts: mmhos/cm = ppm / 640