

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Anaheim Hills Golf Course
6501 Nohl Ranch Rd
Anaheim, CA 92807

File Number: 91698
Date Received: 3/25/2024
Date Reported: 3/28/2024

Submitted By: Soil and Water Consulting

Lab Number	0045			0046			
Description	TEE			TEE			
	4			8			
pH	8.1			8.1			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	518			732			
Chloride	33			55			
Nitrate (NO3-N)	1.1			< 0.5			
Bicarbonate	126.44			131.78			
Sulfur	85.53			143.17			
Phosphorus	0.86			0.90			
Calcium	82.66	4.12	44.06	126.40	6.31	45.05	
Magnesium	22.05	1.81	19.37	33.81	2.78	19.86	
Potassium	16.94	0.43	4.63	20.30	0.52	3.71	
Sodium	68.76	2.99	31.94	101.02	4.39	31.38	
TOTAL		9.36	100		14.00	100	
Boron	0.21			0.29			
Iron	0.72			0.60			
Manganese	0.09			0.20			
Copper	0.03			0.06			
Zinc	0.02			0.03			
Aluminum	0.82			0.58			
Ammonium (NH4-N)	6.0			8.1			
ESP (calculated)	1.28			1.75			
SAR (calculated)	1.73			2.06			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0047
Description	TEE
	16

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	292					
Chloride	24					
Nitrate (NO ₃ -N)	< 0.5					
Bicarbonate	112.19					

Sulfur	18.73					
Phosphorus	2.81					
Calcium	31.94	1.59	34.19			
Magnesium	10.26	0.84	18.11			
Potassium	13.59	0.35	7.45			
Sodium	43.15	1.88	40.25			
TOTAL		4.66	100			

Boron	0.18					
Iron	1.27					
Manganese	0.05					
Copper	0.07					
Zinc	0.04					
Aluminum	0.95					
Ammonium (NH ₄ -N)	3.4					

ESP (calculated)	1.23					
SAR (calculated)	1.70					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0048
Description	GREEN
	4

pH	8.0
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	172					
Chloride	13					
Nitrate (NO ₃ -N)	1.9					
Bicarbonate	52.52					
Sulfur	15.08					
Phosphorus	1.07					
Calcium	20.76	1.04	37.82			
Magnesium	6.01	0.49	18.04			
Potassium	6.41	0.16	5.98			
Sodium	24.04	1.05	38.16			
TOTAL		2.74	100			
Boron	0.09					
Iron	0.88					
Manganese	0.06					
Copper	0.07					
Zinc	0.04					
Aluminum	1.04					
Ammonium (NH ₄ -N)	1.7					
ESP (calculated)	0.50					
SAR (calculated)	1.20					

* Soluble Salts: mmhos/cm = ppm / 640