

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Porter Valley Country Club
19216 Singing Hills Drive
Northridge, CA 91326

File Number: 91413
Date Received: 5/1/2025
Date Reported: 5/2/2025

Submitted By: Soil and Water Consulting

Lab Number	0004
Description	TEE
	1

pH	7.1
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	442					
Chloride	62					
Nitrate (NO3-N)	4.3					
Bicarbonate	41.35					
Sulfur	62.61					
Phosphorus	7.94					
Calcium	60.60	3.02	39.17			
Magnesium	11.87	0.98	12.64			
Potassium	37.66	0.96	12.48			
Sodium	63.39	2.76	35.71			
TOTAL		7.72	100			
Boron	0.50					
Iron	1.30					
Manganese	0.12					
Copper	0.05					
Zinc	0.06					
Aluminum	1.18					
Ammonium (NH4-N)	1.0					
ESP (calculated)	1.59					
SAR (calculated)	1.95					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0005
Description	FAIRWAY
	1

pH	7.9
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	451					
Chloride	84					
Nitrate (NO3-N)	8.0					
Bicarbonate	140.84					
Sulfur	24.99					
Phosphorus	3.65					
Calcium	52.37	2.61	32.88			
Magnesium	16.51	1.36	17.09			
Potassium	60.65	1.55	19.52			
Sodium	55.78	2.43	30.52			
TOTAL		7.95	100			
Boron	0.46					
Iron	2.88					
Manganese	0.02					
Copper	0.04					
Zinc	0.04					
Aluminum	3.12					
Ammonium (NH4-N)	1.5					
ESP (calculated)	1.26					
SAR (calculated)	1.72					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0006			0007			
Description	GREEN			GREEN			
	1			5			
pH	7.7			7.7			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	246			195			
Chloride	23			17			
Nitrate (NO3-N)	4.5			3.1			
Bicarbonate	44.45			36.21			
Sulfur	28.18			23.62			
Phosphorus	1.31			1.23			
Calcium	35.19	1.76	45.30	30.32	1.51	48.09	
Magnesium	6.30	0.52	13.38	5.03	0.41	13.15	
Potassium	5.16	0.13	3.41	3.57	0.09	2.90	
Sodium	33.81	1.47	37.92	25.94	1.13	35.86	
TOTAL		3.88	100		3.15	100	
Boron	0.25			0.18			
Iron	0.40			0.48			
Manganese	0.06			0.08			
Copper	0.01			0.01			
Zinc	0.03			0.02			
Aluminum	0.77			0.75			
Ammonium (NH4-N)	< 0.5			< 0.5			
ESP (calculated)	0.77			0.43			
SAR (calculated)	1.38			1.15			

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	0008
Description	GREEN
	18

pH	7.7
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	186					
Chloride	20					
Nitrate (NO3-N)	3.9					
Bicarbonate	35.50					
Sulfur	18.57					
Phosphorus	1.34					
Calcium	25.36	1.27	44.99			
Magnesium	4.31	0.35	12.60			
Potassium	3.71	0.09	3.37			
Sodium	25.26	1.10	39.04			
TOTAL		2.81	100			
Boron	0.18					
Iron	0.49					
Manganese	0.06					
Copper	0.02					
Zinc	0.02					
Aluminum	0.68					
Ammonium (NH4-N)	< 0.5					
ESP (calculated)	0.54					
SAR (calculated)	1.22					

* Soluble Salts: mmhos/cm = ppm / 640