

BROOKSIDE LABORATORIES, INC.
SATURATED SOIL ANALYSIS

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

File Number: 91413
Date Received: 10/25/2024
Date Reported: 10/29/2024

Submitted By: Soil and Water Consulting

Lab Number	0003			0004		
Description	TEE			TEE		
	2			17		
pH	7.0			7.3		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	820			694		
Chloride	92			71		
Nitrate (NO3-N)	57.9			41.9		
Bicarbonate	41.71			54.05		
Sulfur	105.07			80.42		
Phosphorus	6.16			4.31		
Calcium	126.67	6.32	46.62	100.56	5.02	44.92
Magnesium	28.54	2.35	17.31	20.46	1.68	15.06
Potassium	53.96	1.38	10.18	43.51	1.11	9.96
Sodium	80.73	3.51	25.89	77.21	3.36	30.05
TOTAL		13.56	100		11.17	100
Boron	0.68			0.66		
Iron	0.99			1.06		
Manganese	0.27			0.15		
Copper	0.05			0.05		
Zinc	0.10			0.06		
Aluminum	1.16			1.28		
Ammonium (NH4-N)	7.4			2.4		
ESP (calculated)	1.21			1.42		
SAR (calculated)	1.69			1.83		

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0005			0006			
Description	FAIRWAY			FAIRWAY			
	2			17			
pH	8.1			7.9			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	603			883			
Chloride	123			180			
Nitrate (NO3-N)	< 0.5			28.0			
Bicarbonate	190.78			180.92			
Sulfur	49.12			67.95			
Phosphorus	1.56			4.22			
Calcium	73.90	3.69	36.26	100.03	4.99	35.75	
Magnesium	18.51	1.52	14.96	28.56	2.35	16.82	
Potassium	45.11	1.15	11.34	83.37	2.13	15.27	
Sodium	87.57	3.81	37.43	103.29	4.49	32.16	
TOTAL		10.17	100		13.96	100	
Boron	0.50			0.69			
Iron	1.22			0.70			
Manganese	0.03			0.05			
Copper	0.03			0.04			
Zinc	0.03			0.02			
Aluminum	1.48			0.82			
Ammonium (NH4-N)	1.6			2.9			
ESP (calculated)	2.17			2.15			
SAR (calculated)	2.36			2.34			

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Lab Number	0007			0008		
Description	GREEN			GREEN		
	2			17		
pH	7.8			7.8		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	291			271		
Chloride	37			33		
Nitrate (NO3-N)	4.2			4.8		
Bicarbonate	74.92			84.36		
Sulfur	26.33			19.87		
Phosphorus	3.90			5.07		
Calcium	30.82	1.54	34.30	26.23	1.31	31.46
Magnesium	4.67	0.38	8.57	3.94	0.32	7.79
Potassium	17.29	0.44	9.86	19.17	0.49	11.78
Sodium	48.75	2.12	47.26	46.85	2.04	48.97
TOTAL		4.48	100		4.16	100
Boron	0.51			0.53		
Iron	0.58			0.56		
Manganese	0.06			0.06		
Copper	0.03			0.04		
Zinc	0.02			0.03		
Aluminum	0.95			0.72		
Ammonium (NH4-N)	1.0			1.1		
ESP (calculated)	1.89			2.02		
SAR (calculated)	2.16			2.25		

* Soluble Salts: mmhos/cm = ppm / 640