

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

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

File Number: 91413
Date Received: 2/20/2024
Date Reported: 2/21/2024

Submitted By: Soil and Water Consulting

Lab Number	0008			0009			
Description	TEE			TEE			
	4			14			
pH	7.8			7.8			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	419			344			
Chloride	45			40			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	147.51			83.79			
Sulfur	43.71			27.06			
Phosphorus	5.55			3.02			
Calcium	68.61	3.42	43.94	39.38	1.97	37.75	
Magnesium	15.54	1.28	16.40	10.04	0.83	15.86	
Potassium	32.23	0.82	10.58	19.08	0.49	9.38	
Sodium	52.12	2.27	29.09	44.32	1.93	37.02	
TOTAL		7.79	100		5.21	100	
Boron	0.38			0.35			
Iron	2.56			4.45			
Manganese	0.17			0.11			
Copper	0.19			0.14			
Zinc	0.07			0.10			
Aluminum	2.73			4.11			
Ammonium (NH4-N)	3.2			1.5			
ESP (calculated)	0.91			1.13			
SAR (calculated)	1.48			1.63			

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	0010			0011			
Description	FAIRWAY			FAIRWAY			
	4			14			
pH	8.2			8.0			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	470			316			
Chloride	44			41			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	219.42			112.71			
Sulfur	36.26			24.12			
Phosphorus	0.83			0.86			
Calcium	57.25	2.86	32.30	31.52	1.57	27.82	
Magnesium	12.87	1.06	11.96	9.22	0.76	13.41	
Potassium	39.04	1.00	11.29	36.33	0.93	16.44	
Sodium	90.45	3.93	44.46	55.04	2.39	42.33	
TOTAL		8.85	100		5.65	100	
Boron	0.70			0.58			
Iron	1.72			3.16			
Manganese	0.07			0.07			
Copper	0.08			0.13			
Zinc	0.04			0.05			
Aluminum	1.66			3.79			
Ammonium (NH4-N)	1.4			0.8			
ESP (calculated)	2.80			1.97			
SAR (calculated)	2.81			2.22			

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Lab Number	0012			0013		
Description	GREEN			GREEN		
	4			14		
pH	7.8			7.8		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	94			105		
Chloride	6			5		
Nitrate (NO3-N)	0.8			1.1		
Bicarbonate	53.80			59.63		
Sulfur	3.54			2.73		
Phosphorus	1.22			1.37		
Calcium	20.74	1.03	60.22	24.10	1.20	64.60
Magnesium	3.26	0.27	15.59	3.24	0.27	14.30
Potassium	2.86	0.07	4.26	2.99	0.08	4.11
Sodium	7.88	0.34	19.93	7.28	0.32	16.99
TOTAL		1.72	100		1.86	100
Boron	0.13			0.12		
Iron	0.77			0.71		
Manganese	0.11			0.09		
Copper	0.04			0.03		
Zinc	0.04			0.01		
Aluminum	1.03			1.04		
Ammonium (NH4-N)	< 0.5			0.5		
ESP (calculated)	< .01			< .01		
SAR (calculated)	0.42			0.37		

* Soluble Salts: mmhos/cm = ppm / 640