

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

River Winds Golf and Tennis Club
270 Eagle Point Road
Deptford, NJ 08086

File Number: 53894
Date Received: 5/31/2024
Date Reported: 6/4/2024

Submitted By: Soil and Water Consulting

Lab Number	0021			0022		
Description	TEE			TEE		
	2			14		
pH	7.7			7.8		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	250			249		
Chloride	43			33		
Nitrate (NO3-N)	< 0.5			< 0.5		
Bicarbonate	57.57			68.72		
Sulfur	17.19			17.69		
Phosphorus	0.78			0.77		
Calcium	28.78	1.44	39.75	25.25	1.26	34.67
Magnesium	7.13	0.59	16.22	5.38	0.44	12.17
Potassium	35.12	0.90	24.87	47.26	1.21	33.25
Sodium	15.92	0.69	19.16	16.64	0.72	19.91
TOTAL		3.61	100		3.63	100
Boron	0.08			0.09		
Iron	2.06			5.43		
Manganese	0.12			0.20		
Copper	0.07			0.06		
Zinc	0.06			0.09		
Aluminum	1.96			4.16		
Ammonium (NH4-N)	1.5			1.8		
ESP (calculated)	< .01			< .01		
SAR (calculated)	0.69			0.78		

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

River Winds Golf and Tennis Club
270 Eagle Point Road
Deptford, NJ 08086

File Number: 53894
Date Received: 5/31/2024
Date Reported: 6/4/2024

Submitted By: Soil and Water Consulting

Lab Number	0023			0024		
Description	FAIRWAY			FAIRWAY		
	2			14		
pH	7.5			7.5		
	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	184			341		
Chloride	34			61		
Nitrate (NO ₃ -N)	< 0.5			< 0.5		
Bicarbonate	38.90			48.64		
Sulfur	10.37			37.43		
Phosphorus	1.10			0.59		
Calcium	20.42	1.02	40.08	37.37	1.87	37.85
Magnesium	5.09	0.42	16.45	8.66	0.71	14.45
Potassium	25.84	0.66	26.00	43.75	1.12	22.71
Sodium	10.22	0.44	17.47	28.33	1.23	24.99
TOTAL		2.54	100		4.93	100
Boron	0.08			0.07		
Iron	7.10			2.69		
Manganese	0.17			0.26		
Copper	0.07			0.11		
Zinc	0.12			0.10		
Aluminum	6.46			2.37		
Ammonium (NH ₄ -N)	1.3			2.1		
ESP (calculated)	< .01			0.34		
SAR (calculated)	0.52			1.09		

* Soluble Salts: mmhos/cm = ppm / 640

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

River Winds Golf and Tennis Club
270 Eagle Point Road
Deptford, NJ 08086

File Number: 53894
Date Received: 5/31/2024
Date Reported: 6/4/2024

Submitted By: Soil and Water Consulting

Lab Number	0025			0026			
Description	GREEN			GREEN			
	2			14			
pH	7.5			7.6			
	(ppm)	meq/l	%	(ppm)	meq/l	%	
Soluble Salts *	126			191			
Chloride	4			8			
Nitrate (NO3-N)	< 0.5			< 0.5			
Bicarbonate	33.47			38.29			
Sulfur	10.17			25.04			
Phosphorus	0.69			0.63			
Calcium	11.73	0.59	36.45	19.39	0.97	36.99	
Magnesium	3.82	0.31	19.59	7.95	0.65	24.97	
Potassium	13.70	0.35	21.82	22.37	0.57	21.86	
Sodium	8.17	0.36	22.14	9.74	0.42	16.18	
TOTAL		1.61	100		2.62	100	
Boron	0.06			0.06			
Iron	1.92			1.17			
Manganese	0.07			0.08			
Copper	0.03			0.03			
Zinc	0.04			0.03			
Aluminum	4.45			2.28			
Ammonium (NH4-N)	0.9			1.4			
ESP (calculated)	< .01			< .01			
SAR (calculated)	0.53			0.47			

* Soluble Salts: mmhos/cm = ppm / 640