



SOIL AND WATER CONSULTING

Data Collection Report

Holes #2 and #8 Date of Collection: 7/6/22

Client: Maplewood Country Club

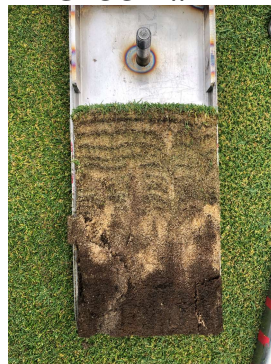


Testing Results

WATER	Acceptable Range For Water Sample	Well <u>11/10/09</u>	Hole #4 <u>7/6/22</u>
pH	6.3-6.5	7.72	6.64
EC	<2.25 mmhos/cm	0.52	0.90
Sodium		16.40	58.95
Calcium	20 - 60 ppm	68.94	87.84
Magnesium	10 - 25 ppm	9.56	9.40
Potassium	5 - 20 ppm	2.82	1.59
Sulfur	30 - 90 ppm	19.43	34.11
Bicarbonate	<120 ppm	175.40	179.26
Boron	<0.67 ppm	0.14	0.08
Chloride	<177 ppm	68.08	157.44
Nitrates	<3 ppm	n/t	10.35

	Green #2 0-5"	Green #2 Below 5"	Green #8 0-5"	Green #8 Below 5"	Greens Topdress Sand	USGA Recommendations
Clay	0.60	6.80	1.60	6.70	0.20	<= 5.0%
Silt	0.70	19.90	0.60	15.50	0.40	<= 3.0%
Sand	98.60	70.80	97.30	76.50	99.40	94 - 100%
Gravel	0.10	2.50	0.50	1.30	0.00	
Organic Material	1.54	4.45	1.88	4.41	<0.1	
<u>Sieve #:</u>						
Fine Gravel 10	0.10	2.50	0.50	1.30	0.00	2.0mm <= 3.0%
Very Coarse Sand 18	1.40	6.30	1.40	5.60	0.30	2.0mm + 1.0mm <= 10%
Coarse Sand 35	23.50	15.50	23.50	18.70	30.70	
Medium Sand 60	52.50	24.40	52.00	30.10	56.00	0.5mm + 0.25mm >= 60%
Fine Sand 100	16.90	12.40	16.00	12.30	11.00	0.15mm <= 20%
Very Fine Sand 140	3.30	12.30	4.00	5.70	1.30	0.106mm + 0.053mm <= 5.0%
Very Fine Sand 270	0.90	0.00	0.50	4.10	0.10	
Infiltration Rate in/hr	1.3"	<0.5	1.1"	0.9"	n/t	Greater than 6" per hour
Coefficient of Uniformity	2.43	6.76	2.52	7.61	2.06	1.8 to 3.5 for peat and sand mixes

Green #2



Green #8

