

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Meadow Club
South Hampton, NY

File Number: 70822
Date Received: 07/29/2019
Date Reported: 07/30/2019

Submitted By: Soil and Water Consulting

Lab Number	1755
Sample Location	IRRIGATION WATER
Sample Description	SHOP YARD

pH	6.47
Hardness (ppm)	102.94
Hardness (grains/gal)	6.02
Conductivity (mmhos/cm)	0.35
Sodium Adsorp. Ratio	1.11
Adjusted SAR	1.23
Adjusted RNa	0.94
pHc	8.29
Residual Sodium Carbonate (RSC)	-0.92

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	28.05	1.40	6.36
Magnesium	(Mg)	7.95	0.65	1.80
Potassium	(K)	10.62	0.27	2.41
Sodium	(Na)	25.84	1.12	5.86
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	56.73		12.87
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	69.22	1.13	15.70
Hydroxide	(OH)	0.00		
Chloride	(Cl)	36.25	1.02	8.22
Sulfur as	(S04)	38.10	0.79	8.64
Salt Concentration	(TDS)	226.43		51.35
Boron	(B)	< 0.05		

Manganese	(Mn)	< 0.020		
Copper	(Cu)	0.031		0.007
Zinc	(Zn)	0.070		0.016
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	1.14
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NO ₃ -N (ppm)	5.13
Total P (ppm)	< 0.20

Reviewed by:

