

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Downingtown Country Club
93 Country Club Road
Downingtown, PA 19335

File Number: 74198
Date Received: 05/11/2018
Date Reported: 05/14/2018

Submitted By: Soil and Water Consulting

Lab Number	0943
Sample Location	IRRIGATION WATER
Sample Description	HOLE #2

pH	7.46
Hardness (ppm)	239.27
Hardness (grains/gal)	13.99
Conductivity (mmhos/cm)	1.06
Sodium Adsorp. Ratio	3.13
Adjusted SAR	5.70
Adjusted RNa	3.69
pHc	7.58
Residual Sodium Carbonate (RSC)	-1.76

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	65.48	3.27	14.85
Magnesium	(Mg)	18.23	1.50	4.13
Potassium	(K)	2.21	0.06	0.50
Sodium	(Na)	111.10	4.83	25.20
Iron	(Fe)	0.41		0.09
Total Alkalinity	(CaCO ₃)	150.53		34.14
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	183.68	3.01	41.66
Hydroxide	(OH)	0.00		
Chloride	(Cl)	217.87	6.14	49.41
Sulfur as	(S04)	22.82	0.48	5.17
Salt Concentration	(TDS)	675.97		153.31
Boron	(B)	< 0.05		

Cation/Anion Ratio	1.00
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Reviewed by:

