

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 7/3/2017
Date Reported: 7/5/2017

Submitted By: Soil and Water Consulting

Lab Number	1664
Sample Location	IRRIGATION WATER
Sample Description	HOLE #4

pH	6.31
Hardness (ppm)	336.78
Hardness (grains/gal)	19.69
Conductivity (mmhos/cm)	1.46
Sodium Adsorp. Ratio	3.59
Adjusted SAR	5.36
Adjusted RNa	3.57
pHc	7.91
Residual Sodium Carbonate (RSC)	-5.66

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	94.40	4.71	21.41
Magnesium	(Mg)	24.51	2.02	5.56
Potassium	(K)	12.65	0.32	2.87
Sodium	(Na)	151.60	6.59	34.38
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO ₃)	53.55		12.15
Carbonate	(CO ₃)	0.00		
Bicarbonate	(HCO ₃)	65.34	1.07	14.82
Hydroxide	(OH)	0.00		
Chloride	(Cl)	191.14	5.39	43.35
Sulfur as	(S04)	325.80	6.78	73.89
Salt Concentration	(TDS)	936.96		212.50
Boron	(B)	0.18		0.04

Manganese	(Mn)	< 0.020		
Copper	(Cu)	0.074		0.017
Zinc	(Zn)	0.304		0.069
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	1.02
--------------------	------

NO ₃ -N (ppm)	4.30
Total P (ppm)	0.66

Reviewed by:

