

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

The Summit
Las Vegas, NV

File Number: 73668
Date Received: 3/31/2017
Date Reported: 4/3/2017

Submitted By: Soil and Water Consulting

Lab Number	0670
Sample Location	IRRIGATION WATER
Sample Description	SPRINKLER HOLE#18

pH		9.35
Hardness	(ppm)	451.58
Hardness	(grains/gal)	26.41
Conductivity	(mmhos/cm)	1.75
Sodium Adsorp. Ratio		4.77
Adjusted SAR		9.65
Adjusted RNa		5.26
pHc		7.38
Residual Sodium Carbonate (RSC)		-6.05

		(ppm)	meq/l	lbs/ac in
Calcium	(Ca)	126.00	6.29	28.58
Magnesium	(Mg)	33.23	2.73	7.54
Potassium	(K)	28.66	0.73	6.50
Sodium	(Na)	233.20	10.14	52.89
Iron	(Fe)	< 0.10		
Total Alkalinity	(CaCO3)	148.68		33.72
Carbonate	(CO3)	46.04	1.53	10.44
Bicarbonate	(HCO3)	87.83	1.44	19.92
Hydroxide	(OH)	0.00		
Chloride	(Cl)	282.55	7.97	64.08
Sulfur as	(S04)	300.60	6.26	68.18
Salt Concentration	(TDS)	1121.92		254.45
Boron	(B)	0.29		0.07

Manganese	(Mn)	< 0.020		
Copper	(Cu)	< 0.020		
Zinc	(Zn)	0.054		0.012
Aluminum	(Al)	< 0.200		

Cation/Anion Ratio	1.15
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NO3-N (ppm)	8.96
Total P (ppm)	0.59

Reviewed by:

