

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Boulder Creek Golf Club
1501 Veterans Memorial Drive
Boulder City, NV 89005

File Number: 47327
Date Received: 6/13/2008
Date Reported: 6/16/2008

Submitted By: Soil and Water Consulting

Lab Number	5470
Description	DESERT HAWK FAIRWAY 9

pH	7.6
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	1619					
Chloride	159					
Nitrate (NO ₃ -N)	< 0.1					
Bicarbonate	49.20					

Sulfur	415.22					
Phosphorus	1.26					
Calcium	251.54	12.55	44.10			
Magnesium	66.21	5.45	19.13			
Potassium	27.90	0.71	2.51			
Sodium	224.22	9.75	34.25			
TOTAL		28.46	100			

Boron	0.35					
Iron	0.16					
Manganese	0.02					
Copper	0.04					
Zinc	0.02					
Aluminum	0.42					
Ammonium (NH ₄ -N)	< 0.1					

ESP (calculated)	3.41					
SAR (calculated)	3.25					

* Soluble Salts: mmhos/cm = ppm / 640

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Lab Number	5471
Description	ELDORADO GREEN 9

pH	7.3
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	512					
Chloride	42					
Nitrate (NO ₃ -N)	0.8					
Bicarbonate	110.70					
Sulfur	53.77					
Phosphorus	2.87					
Calcium	28.95	1.44	28.76			
Magnesium	9.32	0.77	15.26			
Potassium	7.60	0.19	3.87			
Sodium	60.22	2.62	52.11			
TOTAL		5.02	100			
Boron	0.19					
Iron	0.27					
Manganese	0.07					
Copper	0.02					
Zinc	0.01					
Aluminum	1.50					
Ammonium (NH ₄ -N)	< 0.1					
ESP (calculated)	2.36					
SAR (calculated)	2.49					

* Soluble Salts: mmhos/cm = ppm / 640

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Submitted By: Soil and Water Consulting

Lab Number	5472
Description	COYOTE RUN
	TEE
	9

pH	7.2
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	2963					
Chloride	391					
Nitrate (NO ₃ -N)	8.3					
Bicarbonate	87.46					
Sulfur	754.11					
Phosphorus	2.92					
Calcium	538.86	26.89	50.73			
Magnesium	132.59	10.90	20.57			
Potassium	62.26	1.59	3.00			
Sodium	313.17	13.62	25.69			
TOTAL		53.00	100			
Boron	0.45					
Iron	0.19					
Manganese	0.12					
Copper	0.08					
Zinc	0.03					
Aluminum	0.58					
Ammonium (NH ₄ -N)	1.1					
ESP (calculated)	3.25					
SAR (calculated)	3.13					

* Soluble Salts: mmhos/cm = ppm / 640