

BROOKSIDE LABORATORIES, INC.

SATURATED SOIL ANALYSIS

Silver Lakes Sports Complex

File Number: 76665
Date Received: 9/16/2016
Date Reported: 9/20/2016

Submitted By: Soil and Water Consulting

Lab Number	0117
Description	NATIVE SITE SOIL BACKYARD

pH	6.4
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	(ppm)	meq/l	%	(ppm)	meq/l	%
Soluble Salts *	2432					
Chloride	321					
Nitrate (NO ₃ -N)	142.3					
Bicarbonate	48.81					

Sulfur	310.51					
Phosphorus	0.03					
Calcium	568.37	28.36	68.94			
Magnesium	72.10	5.93	14.41			
Potassium	20.64	0.53	1.28			
Sodium	145.33	6.32	15.36			
TOTAL		41.14	100			

Boron	0.32
Iron	0.71
Manganese	0.11
Copper	0.07
Zinc	< 0.01
Aluminum	1.53
Ammonium (NH ₄ -N)	< 0.5

ESP (calculated)	0.98
SAR (calculated)	1.53

* Soluble Salts: mmhos/cm = ppm / 640