

# SOMERSETT HOUSING DEVELOPEMENT



INITIAL CUT AND  
FILL SLOPES 11/2002



TOPSOIL  
APPLICATION 11/2002



TEMPORARY  
IRRIGATION 11/2002

In the summer of 2001, developers initiated construction on a 2500 home and golf course development on the northwest foothills of Reno, Nevada. Due to the hilly terrain, the project is characterized by extensive cut and fill work. The architect defined an ambitious program for topsoil salvage and drought tolerant native vegetation for the cut slopes and common areas. The vegetation parameters have been dictated by Reno and Washoe County for all new developments in order to conserve water and reduce long term maintenance budgets for common areas. This project also included temporary irrigation for all revegetation efforts. The success of this project has created a native shrub-steppe community that was more common prior to the grazing impacts of the late 1800's. The species list included the following:

SPECIES	PLS LBS/ACRE	
<b>Grasses</b>		
Agropyron spicatum	4.80	
Agropyron trachycaulum(nurse crop)	4.80	16.50
Elymus cinereus	2.40	
Poa sandbergii	2.50	
Festuca ovina	2.00	
<b>Shrubs</b>		
Artemisia tridentata wyomingensis	.30	
Chrysothamnus nauseosus	.20	
Grayia spinosa	.40	5.50
Ephedra viridis	.30	
Purshia tridentata	1.00	
Prunus andersonii	.50	
Atriplex canescens	1.80	
Atriplex contertifolia	1.00	
<b>Flowers</b>		
Balsamorhiza sagittata	1.00	
Linum lewisii	.50	
Lupinus argenteus	.50	3.00
Penstemon palmeri	.40	
Peony brownii	.20	
Eriogonum umbellatum	.20	
Achillea millefolium	.20	
Total PLS #/acre:		25.00



THIRD SEASON  
GROWTH  
05/2005



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