



FORESTRY, FIRE & STATE LANDS REQUEST FOR PROPOSALS Cover Sheet



Project Title	Preliminary Phylogeographic Analysis of North Arm GSL Microbial Communities		
Lead Project Sponsor	Brigham Young University, College of Life Sciences		
Project Contact	Name	Dr. Alan R. Harker	
	Mailing Address	302B WIDB, Provo, UT 84602	
	Phone Number	(801) 422-3582	
	Fax Number	(801) 522-0050	
	E-Mail Address	alan_harker@byu.edu	
Project Description / Abstract	<p>The heterotrophic microbial communities that occupy niches in the North Arm of Great Salt Lake are almost completely unrepresented in the scientific literature. These microbes represent perfect indicators of environmental damage to the lake ecosystem. They are likewise an enormous and untapped technological resource. Molecular technologies have advanced to the point that these communities can be rapidly and economically characterized, allowing both the environmental monitoring and biotechnological potential of this State resource to be realized.</p>		
Project Funding	Amount Requested	Matching Funds	Total Project Cost
	\$ 73,575	\$ 20,900	\$ 94,475