



FORESTRY, FIRE & STATE LANDS REQUEST FOR GRANT APPLICATION Cover Sheet



Project Title	Mercury biomethylation in Great Salt Lake, UT		
Lead Project Sponsor	Utah State University		
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Project Description / Abstract	Bacteria within the Great Salt Lake (GSL) are responsible for both the biomethylation of mercury as well as the biodegradation of methylmercury, which is driven by sulfate metabolism. By studying the relationship between the sulfur cycling and mercury biomethylation within the microbial communities in GSL, we will understand the production of mercury and assess the biological capacity for bioaccumulation at the most basic level of the food web in the lake.		
Project Funding	Amount Requested	Matching Funds	Total Project Cost
	\$62,567	\$0	\$62,567