



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



Project Title	<i>Phragmites</i> Harvest for Bird Habitat Management		
Lead Project Sponsor	Hudsonia Ltd		
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Project Description / Abstract	<p>Hudsonia requests funding for a two year study of bird responses to <i>Phragmites</i> harvest. This project comprises two plant surveys, two periods of bird sampling (late summer, spring) repeated for two years, and two winter harvests of <i>Phragmites</i> on 5 one-acre plots. Plant surveys and bird sampling will compare the 5 large harvest plots with 5 equal size unharvested <i>Phragmites</i> plots and 5 plots of a native plant community. Harvest is hypothesized to create a temporary open habitat suitable for many waterfowl, heron, raptor, shorebird, marsh bird, and songbird species during late summer staging or migration, and spring migration or breeding. Harvested <i>Phragmites</i> biomass will be used as a bioenergy feedstock. The aim of this study is to test a method for managing <i>Phragmites</i>-invaded marshes that can improve bird habitat and create a commercial product to help underwrite management costs. Hudsonia brings wide experience with <i>Phragmites</i> ecology and management; Great Salt Lake collaborators are a <i>Phragmites</i> researcher and a biomass energy expert.</p>		
Project Funding	Amount Requested (two years)	Matching Funds	Total Project Cost
	\$ 63,006 \$ 57,387	\$ 14,258 \$ 14,258	\$ 77,265 \$ 71,645