Work Task F1:
Vegetation Survival and Growth – Habitat Monitoring

Contact:	John Swett, LC-8220
Purpose:	Habitat restoration will be monitored for initial survivorship and successional changes over time to determine if habitat goals are met. These data will be used to manage the restoration sites.
Conservation Measures:	MRM2
Long-term Goal(s):	As each demonstration or habitat creation site is established (see Section E), Reclamation will monitor initial survivorship for two years. Monitoring succession changes will occur on a periodic basis over time, with the interval dependent on age of each stand.
FY2006 Estimate:	$250,000 includes costs for Reclamation staff, travel, and miscellaneous supplies.
FY2007 Estimate:	$275,000 includes costs for Reclamation staff, travel, and miscellaneous supplies.
FY2008 Estimate:	$310,000 includes costs for Reclamation staff, travel, and miscellaneous supplies.
Project Description:	In order to implement the adaptive management program, habitat restoration projects must be monitored to determine if necessary habitat components have been provided. Monitoring the biotic components (vegetation) and abiotic components (soil moisture, etc.) will provide data to incorporate into future restoration efforts. Vegetation will be monitored using two separate protocols. Initially, each restoration site will be

monitored to determine if all necessary habitat components have been provided, and to determine survivorship of the newly restored sites. After year two, successional changes within stands will be monitored as each restoration site matures. Changes in habitat quality over time, in conjunction with covered species monitoring, will drive management of each restoration site.