

Table 4-3. Models Used to Conduct the Benefits Analysis

Existing and Restored Habitat	Benefits Analysis Model	Source
Mixed riparian woodland	Riparian Songbird Guild Habitat Suitability Index Model	Roberts, R.C. and Oscar Larson & Associates. 1986. Habitat suitability index model riparian songbird guild Humboldt Bay, California. Prepared for the California State Coastal Conservancy, County of Humboldt Department of Public Works.
Seasonal wetland	Seasonal Wetland Habitat Quality Index Model	Jones & Stokes Associates, Inc. 1997. Middle Creek ecosystem restoration reconnaissance study: Alternatives benefits analysis for fish and wildlife. Draft. August 5, 1997. (JSA 97-188.) Sacramento, CA. Prepared for the U.S. Army Corps of Engineers, Sacramento, CA.
Permanent wetland	Permanent Marsh Habitat Quality Index Model	<p>This model was modified for use in this analysis.</p> <p>Jones & Stokes Associates, Inc. 1997. Middle Creek ecosystem restoration reconnaissance study: Alternatives benefits analysis for fish and wildlife. Draft. August 5, 1997. (JSA 97-188.) Sacramento, CA. Prepared for the U.S. Army Corps of Engineers, Sacramento, CA.</p>
Valley oak/sycamore woodland	Valley Oak Woodland and Savanna Habitat Quality Index Model	<p>This model was modified for use in this analysis.</p> <p>Jones & Stokes Associates, Inc. 1996. Murphy Slough habitat restoration alternatives assessment analysis. Administrative Draft. March 29, 1996. Sacramento, CA. Prepared for the U.S. Army Corps of Engineers, Sacramento, CA.</p> <p>This model was modified for use in this analysis.</p>

Table 4-3. Continued

Existing and Restored Habitat	Benefits Analysis Model	Source
Valley oak/sycamore savanna	Valley Oak Woodland and Savanna Habitat Quality Index Model	Jones & Stokes Associates, Inc. 1996. Murphy Slough habitat restoration alternatives assessment analysis. Administrative Draft. March 29, 1996. Sacramento, CA. Prepared for the U.S. Army Corps of Engineers, Sacramento, CA.
		This model was modified for use in this analysis.
Herbaceous upland	Herbaceous Upland Habitat Quality Index Model	Jones & Stokes Associates, Inc. 1996. Murphy Slough habitat restoration alternatives assessment analysis. Administrative Draft. March 29, 1996. Sacramento, CA. Prepared for the U.S. Army Corps of Engineers, Sacramento, CA.
		This model was modified for use in this analysis.