

Appendix B-6
Data Sources: MARINE & ESTUARINE RESOURCES
(Strategic Habitat Areas)

Data Theme	Source(s)
Coastal Fish Habitats	
Submerged aquatic vegetation	Carroway and Priddy (1983); Ferguson and Wood (1994); DWQ (1998); Elizabeth City State University (2002- 2003-2006); DWQ (2005-2006-2007); and DMF Shellfish Habitat and Abundance Mapping Program (1988-present)
Shell bottom	DMF Shellfish Habitat and Abundance Mapping Program (1988-present)
Hard bottom	SEAMAP (2001)
Streams	National Hydrologic Dataset
Soft bottom	NOAA nautical chart bathymetry
Riparian wetlands	NWI (1981/1982/1983) and/or DCM (1994)
Corroborating Designations	
Anadromous fish spawning areas	MFC/WRC designation
Open shellfish harvesting waters	Division of Environment Health -Shellfish Sanitation classification
Oyster sanctuaries	MFC designation
Crab Spawning Sanctuary	MFC designation
Fish nursery areas	MFC designation
Corroborating Fish Data	
Juvenile anadromous and estuarine fish sampling	DMF programs 100, 120, and 135
Shellfish density sampling	DMF program 635
Freshwater stream bioclassification	DWQ assessment program