

APPENDIX Q

ENVIRONMENTAL CONSEQUENCES SUMMARY TABLE (BY ALTERNATIVE)

Appendix Q. Summary of Direct, Indirect, and Cumulative Environmental Consequences by Alternative

Resource	Description of Stressor	Direct (D), Indirect (I)	Alt 1		Alt 2		Alt 3		Alt 4		Alt 5		Alt 6	
			Level of Effect	Potential for Cumulative Effect (Y or N)	Level of Effect	Potential for Cumulative Effect (Y or N)	Level of Effect	Potential for Cumulative Effect (Y or N)	Level of Effect	Potential for Cumulative Effect (Y or N)	Level of Effect	Potential for Cumulative Effect (Y or N)	Level of Effect	Potential for Cumulative Effect (Y or N)
Threatened and Endangered Species	Collision Threat	D	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N
	Effects to Foraging Habitat	I	Absent to Low	N	Absent	N	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N
Marine Mammals	Collision Threat	D	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N
	Physical Loss of Nesting Habitat	I	Moderate to High	N	High	N	Low	N	High	N	Low	N	Low to Moderate	N
	Beach Compaction/Compatability	I	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N
	Beach Impediments (e.g. Escarpments) to Adult Females	I	Low to Moderate	N	Moderate	N	Low to Moderate	N	Moderate	N	Low to Moderate	N	Low to Moderate	N
	Structural Impediments/Interference with Adult Females or Hatchlings	I	Low to Moderate (Groinfield)	N	Absent	N	Low to Moderate (Groinfield)	N	Absent	N	Moderate to High	N	Low to Moderate	N
	Predator Concentration	I	Low to Moderate (Groinfield)	N	Absent	N	Low to Moderate (Groinfield)	N	Absent	N	Moderate to High	N	Low to Moderate	N
Sea Turtles	Physical Loss of Nesting Habitat	I	Absent to Low	N	Moderate to High	N	Low to Moderate	N	Moderate to High	N	Low	N	Low	N
	Degradation of Nesting Habitat	I	Absent to Low	N	Moderate to High	N	Low to Moderate	N	Moderate to High	N	Low	N	Low	N
	Physical Loss of Foraging Habitat	I	Moderate to High	N	Moderate to High	N	Low to Moderate	N	Moderate to High	N	Low	N	Low	N
	Degradation of Foraging Habitat (e.g. reduced prey abundance)	I	Moderate	N	Low	N	Moderate	N	Moderate	N	Low to Moderate	N	Moderate	N
	Nest Interference	I	Low to Moderate	N	Absent to Low	N	Low to Moderate	N	Low to Moderate	N	Low	N	Low to Moderate	N
Birds	Entrainment	D	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N	Absent to Low	N
	Effects to Water Column	I	Low	N	Low	N	Low	N	Low	N	Low	N	Low	N
	Effects to Larval Transport	I	Absent	N	Absent	N	Absent	N	Absent	N	Absent to Low	N	Absent to Low	N
	Effects to Foraging Habitat	I	Low	N	Low	N	Low	N	Low to Moderate	N	Low	N	Low	N
	Effects to Ingress/Egress to Estuary	I	Absent	N	Absent	N	Absent	N	Absent	N	Absent to Low	N	Absent to Low	N
Fish	Physical Loss of Nesting Habitat	I	Absent to Low	N	Moderate to High	N	Low to Moderate	N	Moderate to High	N	Low	N	Low	N
	Degradation of Nesting Habitat	I	Absent to Low	N	Moderate to High	N	Low to Moderate	N	Moderate to High	N	Low	N	Low	N
Plants	Physical Loss of Habitat	D, I	Moderate to High	N	High	N	Moderate	N	High	N	Low	N	Low	N
	Degradation of Habitat/Effects to Germination and Growth	D, I	Moderate	N	Moderate	N	Moderate to High	N	Moderate to High	N	Moderate	N	Moderate	N
Permit Area Habitat Type														
Subtidal Bottom	Physical Loss	D, I	Absent	N	Absent	N	Absent	N	Absent	N	Low	N	Low	N
	Habitat Degradation	I	Low	N	Absent	N	Moderate	N	Moderate	N	Low to Moderate	N	Low to Moderate	N
Wet Beach	Physical Loss	D, I	Low	N	Low	N	Low	N	Low	N	Low	N	Low	N
	Habitat Degradation	I	Moderate	N	Low to Moderate	N	Moderate	N	Moderate to High	N	Low	N	Low	N
Dry Beach	Physical Loss	D, I	High	N	High	Y	Moderate	N	Moderate to High	Y	Low	N	Low	N
	Habitat Degradation	I	Moderate	N	Moderate to High	N	Moderate	N	Moderate to High	N	Low to Moderate	N	Moderate	N
Dunes	Physical Loss	D, I	Moderate to High	N	High	Y	Low to Moderate	N	High	Y	Low	N	Low	N
	Habitat Degradation	I	Low to Moderate	N	Moderate to High	N	Low to Moderate	N	Moderate	N	Low to Moderate	N	Moderate	N
Interdunal Wetlands	Physical Loss	D, I	Absent to Low	N	High	N	Absent to Low	N	High	N	Absent	N	Absent	N
	Habitat Degradation	I	Absent to Low	N	Low to Moderate	N	Absent to Low	N	Low to Moderate	N	Absent	N	Absent	N
Maritime Thicket/Forest	Physical Loss	D, I	Absent	N	High	N	Absent	N	High	N	Absent	N	Absent	N
	Habitat Degradation	I	Absent	N	Moderate to High	N	Absent	N	Moderate to High	N	Absent	N	Absent	N
Estuarine Salt Marsh	Physical Loss	D, I	Absent	N	Absent	N	Absent	N	Absent	N	Absent	N	Absent	N
	Habitat Degradation	I	Absent	N	Absent	N	Absent	N	Absent	N	Absent	N	Absent	N

Note: This table is intended to provide a general summary of the potential adverse effects to federally-listed species and the habitats identified in the permit area. For a complete description of the potential beneficial and adverse effects for all resources refer to Section 5 of the Final EIS.