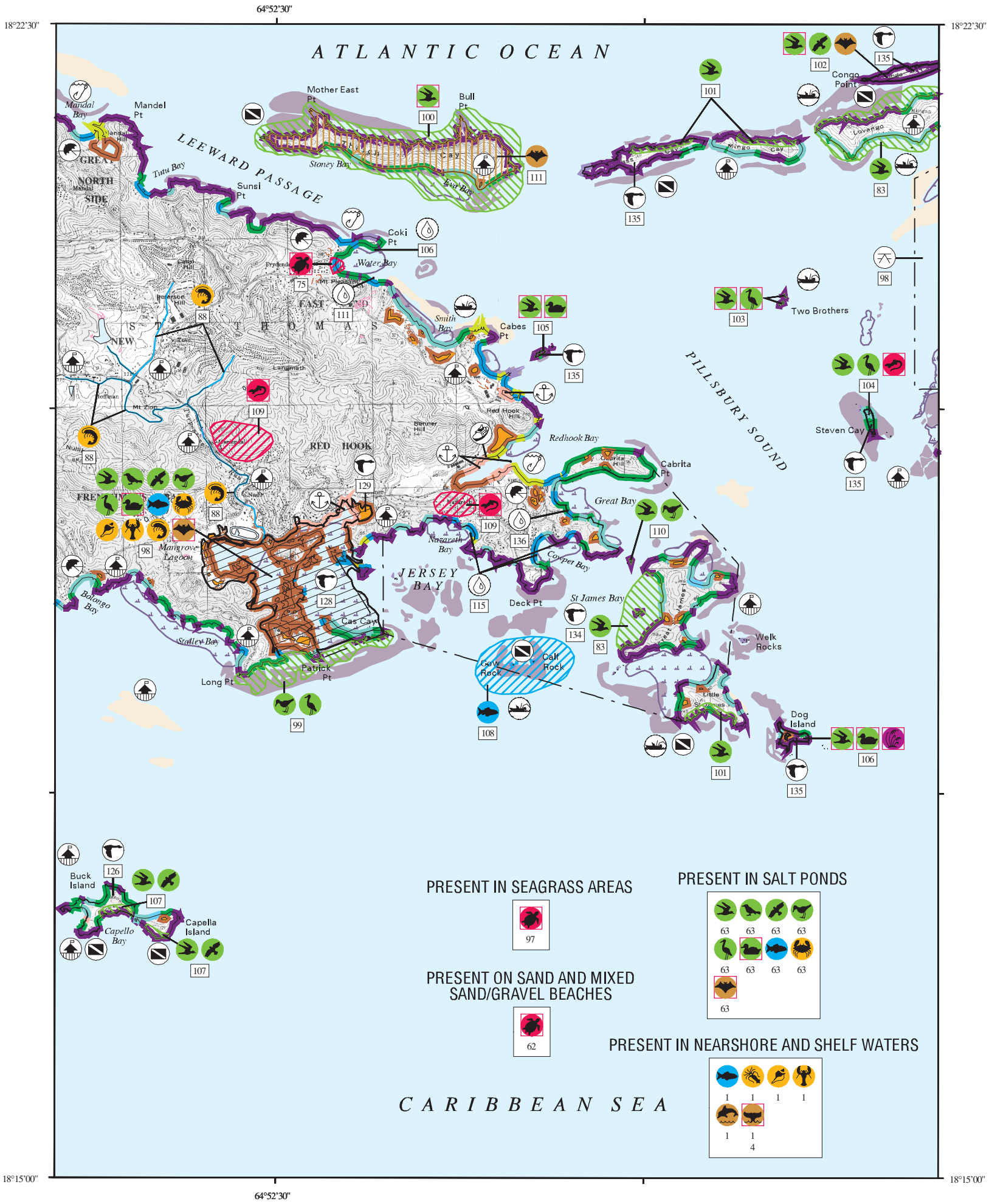
ENVIRONMENTAL SENSITIVITY INDEX MAP



SHORELINE HABITATS (ESI)

- 1A EXPOSED ROCKY CLIFFS
- 1B EXPOSED, SOLID MAN–MADE STRUCTURES
- 2A EXPOSED WAVE–CUT PLATFORMS IN BEDROCK
- 3A FINE– TO MEDIUM–GRAINED SAND BEACHES
- 4 COARSE–GRAINED SAND BEACHES
- 5 MIXED SAND AND GRAVEL BEACHES
- 6A GRAVEL BEACHES
- 6B RIPRAP
- 7 EXPOSED TIDAL FLATS
- 8A SHELTERED ROCKY SHORES
- 8B SHELTERED, SOLID MAN–MADE STRUCTURES
- 9A SHELTERED TIDAL FLATS
- 9B SHELTERED VEGETATED LOW BANKS
- 10D MANGROVES
- SALT– AND BRACKISH–WATER MARSHES
- FRESHWATER MARSHES
- FRESHWATER SWAMPS
- FRESHWATER SCRUB/SHRUB

N W E S

SCALE 1:55000

1 .5 0 1 KILOMETER

1 .5 0 1 MILE

Not For Navigation

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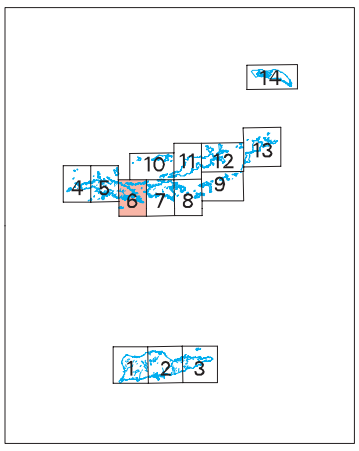
National Ocean Service
Office of Response and Restoration
Hazardous Materials Response Division



EASTERN ST. THOMAS, V.I. (1982)

VI-6

VIRGIN ISLANDS - ESIMAP 6

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Nesting
63	American coot				X	X	X	X	X	X	X	X	X	X	X	X	-
	Belted kingfisher				X	X	X	X					X	X	X	X	-
	Black-necked stilt						X	X	X	X	X	X	X	X			APR-OCT
	Blue-winged teal				X	X	X	X						X	X	X	-
	Caribbean coot	S	E		X	X	X	X	X	X	X	X	X	X	X	X	-
	Common moorhen				X	X	X	X	X	X	X	X	X	X	X	X	-
	Gulls				X	X	X	X	X	X	X	X	X	X	X	X	-
	Magnificent frigatebird				X	X	X	X	X	X	X	X	X	X	X	X	-
	Osprey				X	X	X	X					X	X	X	X	-
	Passerine birds				X	X	X	X	X	X	X	X	X	X	X	X	-
	Ruddy duck	S	E		X	X	X	X	X	X	X	X	X	X	X	X	-
	Shorebirds				X	X	X	X	X			X	X	X	X	X	-
	Terns				X	X	X	X	X	X	X	X	X	X	X	X	-
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	-
	White-cheeked pintail	S	E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
	Wilson's plover				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL
83	Seabirds				X	X	X	X	X	X	X	X	X	X	X	X	-
98	American coot				X	X	X	X	X	X	X	X	X	X	X	X	-
	Belted kingfisher				X	X	X	X					X	X	X	X	-
	Black-necked stilt						X	X	X	X	X	X	X	X			APR-OCT
	Blue-winged teal				X	X	X	X						X	X	X	-
	Caribbean coot	S	E		X	X	X	X	X	X	X	X	X	X	X	X	-
	Common moorhen				X	X	X	X	X	X	X	X	X	X	X	X	-
	Gulls				X	X	X	X	X	X	X	X	X	X	X	X	-
	Magnificent frigatebird				X	X	X	X	X	X	X	X	X	X	X	X	-
	Osprey				X	X	X	X					X	X	X	X	-
	Passerine birds				X	X	X	X	X	X	X	X	X	X	X	X	-
	Ruddy duck	S	E		X	X	X	X	X	X	X	X	X	X	X	X	-
	Shorebirds				X	X	X	X	X			X	X	X	X	X	-
	Terns				X	X	X	X	X	X	X	X	X	X	X	X	-
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	-
	White-cheeked pintail	S	E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
	Wilson's plover				X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL
99	Shorebirds			HIGH	X	X	X	X	X			X	X	X	X	X	-
	Wading birds			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-
100	Roseate tern	S/F	E/T					X	X	X	X	X	X				-
	Seabirds				X	X	X	X	X	X	X	X	X	X	X	X	-
101	Red-billed tropicbird				X	X	X	X	X	X				X	X	X	OCT-JUN
102	Bridled tern			<50				X	X	X	X	X					MAY-AUG
	Brown noddy			20-40	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Brown pelican	S/F	E/E	75-150	X	X	X	X	X	X	X	X	X	X	X	X	AUG-FEB
	Peregrine falcon				X	X	X	X	X					X	X	X	-
	Red-billed tropicbird			15-30	X	X	X	X	X	X				X	X	X	OCT-JUN
	Seabirds				X	X	X	X	X	X	X	X	X	X	X	X	-
	White-tailed tropicbird	S	E	5-10			X	X	X	X	X	X					MAR-AUG
103	Great blue heron	S	E		X	X	X	X	X	X	X	X	X	X	X	X	APR-AUG
	Laughing gull							X	X	X	X	X	X				JUN-AUG
	Red-billed tropicbird				X	X	X	X	X	X				X	X	X	OCT-JUN
	Roseate tern	S/F	E/T					X	X	X	X	X	X				MAY-AUG
	Royal tern				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Seabirds				X	X	X	X	X	X	X	X	X	X	X	X	-
104	Laughing gull							X	X	X	X	X	X				JUN-AUG
	Seabirds				X	X	X	X	X	X	X	X	X	X	X	X	-
	Wading birds				X	X	X	X	X	X	X	X	X	X	X	X	APR-JUL
105	Red-billed tropicbird			3-6	X	X	X	X	X	X				X	X	X	OCT-JUN
	Roseate tern	S/F	E/T	100-800				X	X	X	X	X	X				MAY-AUG
	White-cheeked pintail	S	E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
106	Bridled tern							X	X	X	X	X	X				MAY-AUG
	Laughing gull			200-400				X	X	X	X	X	X				JUN-AUG
	Red-billed tropicbird			3-6	X	X	X	X	X	X				X	X	X	OCT-JUN
	Roseate tern	S/F	E/T	14-275				X	X	X	X	X	X				MAY-AUG
	Royal tern			25-85	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Sandwich tern			100-800	X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Sooty tern			1				X	X	X	X	X	X				APR-AUG
	White-cheeked pintail	S	E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC
	White-tailed tropicbird	S	E				X	X	X	X	X	X					MAR-AUG
107	Peregrine falcon				X	X	X	X	X					X	X	X	-
	Red-billed tropicbird			5-20	X	X	X	X	X	X				X	X	X	OCT-JUN
110	American oystercatcher				X	X	X	X	X	X	X	X	X	X	X	X	MAY-AUG
	Laughing gull							X	X	X	X	X	X				JUN-AUG
	Seabirds				X	X	X	X	X	X	X	X	X	X	X	X	-

FISH:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Eggs	Larvae	Juveniles	Adults
1	Pelagic fish				X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Reef fish				X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
63	Common snook				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Great barracuda				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Mullet				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Nursery fish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
98	Common snook				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Great barracuda				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Groupers				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Grunts				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Mullet				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Nursery fish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Parrotfish				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
	Snappers				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	JAN-DEC
	Tarpon				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-
108	Dwarf herring (blue fry)			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	-	JAN-DEC

PLANT:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D
106	Mammilaria nivosa	S	E		X	X	X	X	X	X	X	X	X	X	X	X

INVERTEBRATE:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Spawn/Mate	Eggs	Larvae	Juveniles	Adults
1	Caribbean spiny lobster				X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Octopus				X	X	X	X	X	X	X	X	X	X	X	X	DEC-MAR	DEC-APR	-	JAN-DEC	JAN-DEC
	Queen conch				X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	APR-OCT	APR-OCT	JAN-DEC	JAN-DEC
63	Land crabs				X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC	JAN-DEC
88	Native stream shrimp				X	X	X	X	X	X	X	X	X	X	X	X	APR-MAY AUG-NOV	APR-MAY AUG-NOV	APR-MAY AUG-NOV	JAN-DEC	JAN-DEC
98	Caribbean spiny lobster				X	X	X	X	X	X	X	X	X	X	X	X	-	-	MAR-OCT	JAN-DEC	-
	Land crabs				X	X	X	X	X	X	X	X	X	X	X	X	JUL-AUG	JUL-AUG	JUL-SEP	JAN-DEC	JAN-DEC
	Native stream shrimp								X	X		X	X	X	X		-	-	APR-MAY AUG-NOV	-	-
	Queen conch				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	JAN-DEC	-

MARINE MAMMAL:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving
1	Dolphins				X	X	X	X	X	X	X	X	X	X	X	X	-	-
	Whales				X	X	X	X	X	X	X	X	X	X	X	X	-	-
4	Humpback whale	S/F	E/E	MODERATE	X	X	X	X	X					X	X	X	NOV-MAY	NOV-MAY

VIRGIN ISLANDS - ESIMAP 6 cont.

BIOLOGICAL RESOURCES: cont.

REPTILE:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Hatching	Juveniles	Adults
62	Green sea turtle	S/F	E/T		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Hawksbill sea turtle	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
75	Green sea turtle	S/F	E/T		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Hawksbill sea turtle	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	JAN-DEC	JAN-DEC	JAN-DEC	JAN-DEC
	Leatherback sea turtle	S/F	E/E				X	X	X	X	X	X					MAR-JUL	MAY-SEP	MAY-SEP	MAR-AUG
97	Green sea turtle	S/F	E/T	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	JAN-DEC	-
104	Virgin Islands tree boa	S/F	E/E		X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-SEP	JAN-DEC	JAN-DEC
109	Virgin Islands tree boa	S/F	E/E	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	JUL-SEP	JAN-DEC	JAN-DEC

TERRESTRIAL MAMMAL:

RAR#	Species	S/F	T/E	Conc	J	F	M	A	M	J	J	A	S	O	N	D
63	Fisherman bat	S	E		X	X	X	X	X	X	X	X	X	X	X	X
98	Fisherman bat	S	E		X	X	X	X	X	X	X	X	X	X	X	X
102	Bats				X	X	X	X	X	X	X	X	X	X	X	X
111	Bats				X	X	X	X	X	X	X	X	X	X	X	X

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HUMAN USE RESOURCES:

NATIONAL PARK:

HUN#	Name	Owner/Manager	Contact	Phone
98	VIRGIN ISLANDS NATIONAL PARK	NPS	CHIEF OF RESOURCE MANAGEMENT	340/693-8950

WATER INTAKE:

HUN#	Name	Owner/Manager	Contact	Phone
106	CORAL WORLD	CORAL WORLD		340/775-1555
136	DESALINATION PLANT	RITZ CARLTON HOTEL		
111	DESALINATION PLANT	WYNDAM HOTEL		
115	DESALINATION PLANTS	HOTELS (VARIOUS)		

WILDLIFE REFUGE:

HUN#	Name	Owner/Manager	Contact	Phone
126	BUCK ISLAND NATIONAL WILDLIFE REFUGE	USFWS	REFUGE MANAGER	340/773-4554
128	CAS CAY/MANGROVE LAGOON MRWS	USVI DPNR	DIVISION OF FISH AND WILDLIFE	340/775-6762
129	COMPASS POINT. POND MRWS	USVI DPNR	DIVISION OF FISH AND WILDLIFE	340/775-6762
134	ST. JAMES BAY MRWS	USVI DPNR	DIVISION OF FISH AND WILDLIFE	340/775-6762
135	USVI WILDLIFE SANCTUARY	USVI DPNR	DIVISION OF FISH AND WILDLIFE	340/775-6762

Biological information shown on the maps represents known concentration areas or occurrences, but does not necessarily represent the full distribution or range of each species. This is particularly important to recognize when considering potential impacts to protected species.