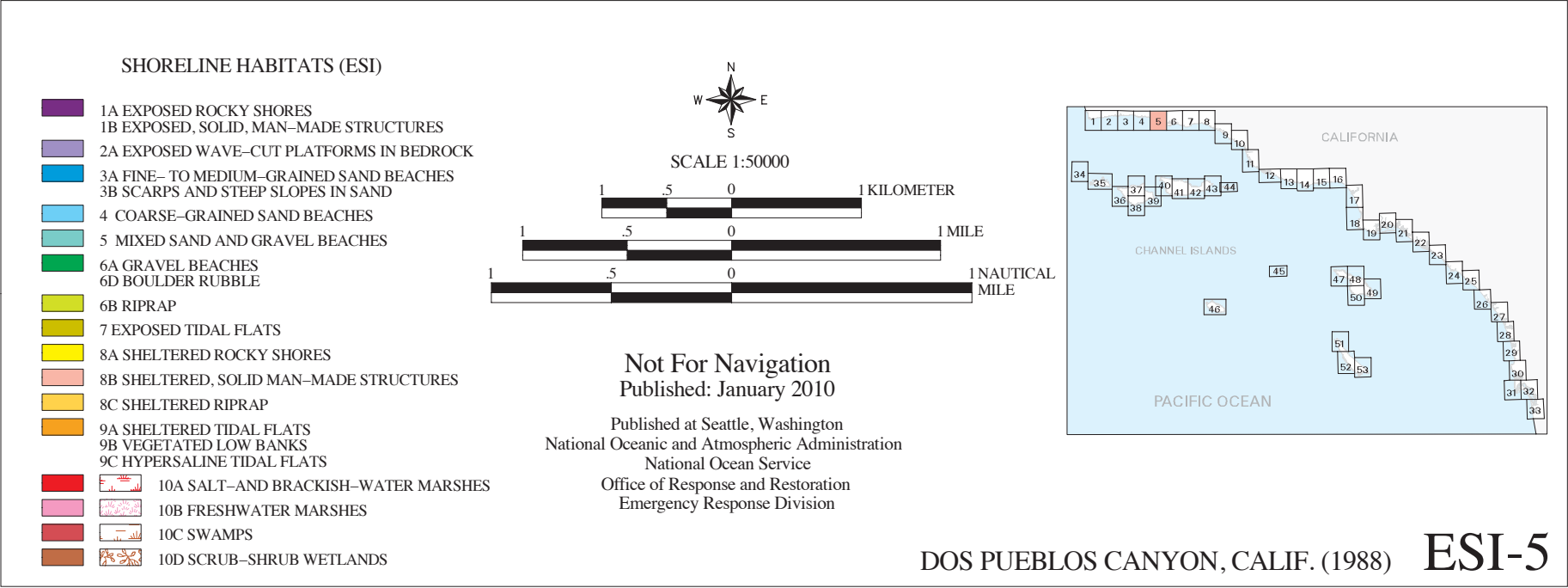
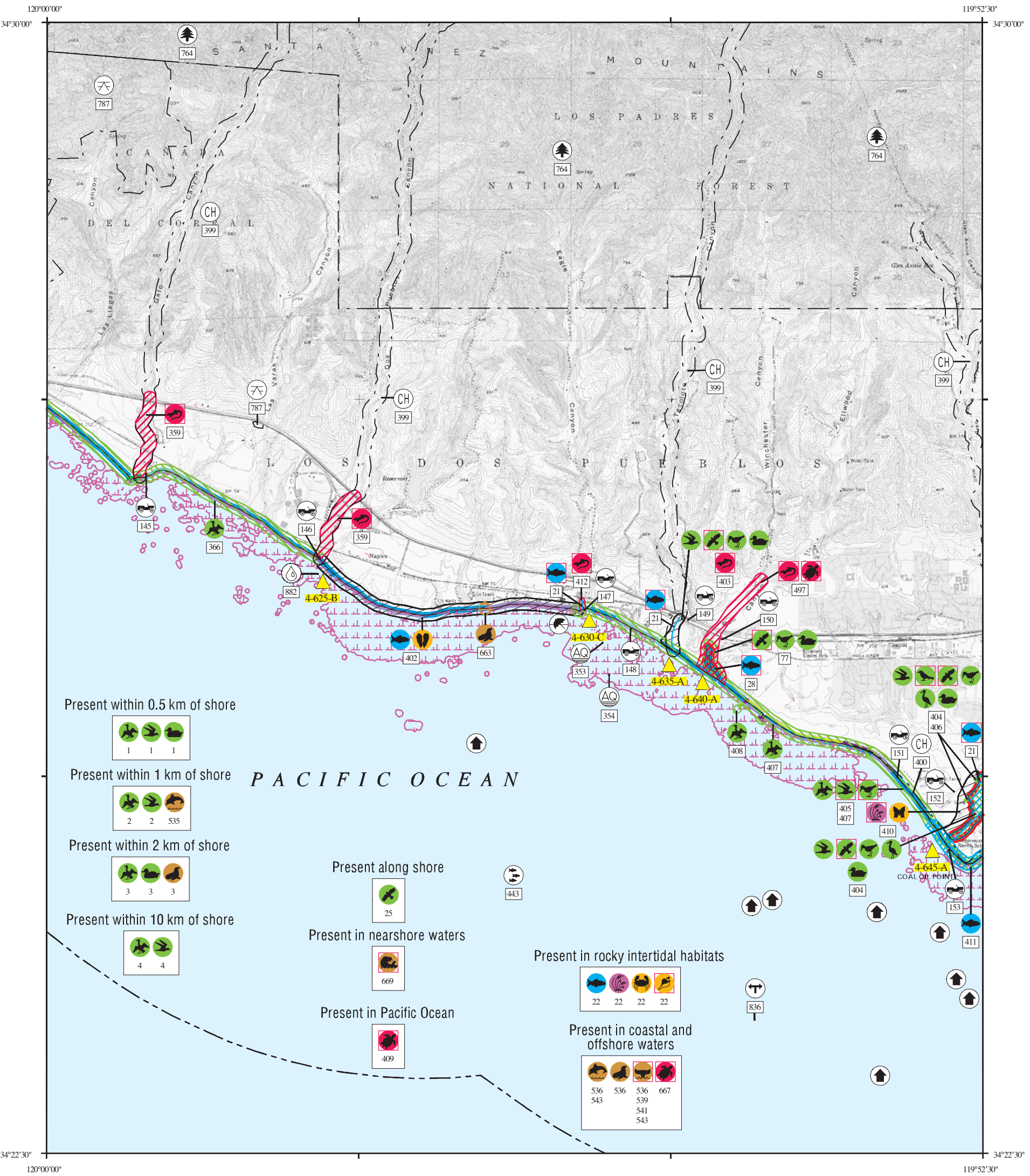


ENVIRONMENTAL SENSITIVITY INDEX MAP



Southern California: ESIMAP 5

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Migrating	Molting
1	Common loon		X X X X X	-	-	-
	Elegant tern		X X X X X X X X X	-	-	-
	Forster's tern		X X X X X X X X X X X	-	-	-
	Least tern		X X X X X X X X	-	-	-
	Pacific loon		X X X X X X	-	-	-
	Red-breasted merganser		X X X X	-	-	-
	Red-throated loon		X X X X	-	-	-
	Ring-billed gull		X X X X X	-	-	-
2	California gull		X X X X X	-	-	-
	Caspian tern		X X X X X X X X X X X	-	-	-
	Double-crested cormorant		X X X X X X X X X X X	-	-	-
	Heermann's gull		X X X X X X X X X X X	-	-	-
3	Surf scoter		X X X X X	-	-	-
	Western grebe		X X X X X	-	-	-
4	Bonaparte's gull		X X X X X	-	-	-
	Brandt's cormorant		X X X X X	-	-	-
	Brown pelican		X X X X X X X X X	-	-	-
	Western gull		X X X X X X X X X X X	-	-	-
25	Peregrine falcon		X X X X	-	-	-
77	Bald eagle	E	X X X X X X X X X X X	-	-	-
	Osprey		X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X	-	-	-
366	Brown pelican	0-177 BIRDS	X X X X X	-	-	-
403	Bald eagle	E	X X X X X X X X X X X	-	-	-
	Gulls		X X X X X X X X X X X	-	-	-
	Osprey		X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Terns		X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X	-	-	-
404	American coot		X X X X X X X X X X X	-	-	-
	American wigeon		X X X X	-	-	-
	Bald eagle	E	X X X X X X X X X X X	-	-	-
	Black-crowned night-heron		X X X X	-	-	-
	Canvasback		X X X	-	-	-
	Egrets		X X X X X X X X X X X	-	-	-
	Green-winged teal		X X X X X	-	-	-
	Gulls		X X X X X X X X X X X	-	-	-
	Hérons		X X X X	-	-	-
	Mallard		X X X X X X X X X X X	-	-	-
	Northern pintail		X X X	-	-	-
	Osprey		X X X X X	-	-	-
	Red-breasted merganser		X X X X	-	-	-
	Red-tailed hawk		X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Waterfowl		X X X X X	-	-	-
	White-tailed kite		X X X X X X X X X X X	-	-	-
405	California least tern	E E 1 PAIR	X X X X X X X	-	-	-
	Shorebirds		X X X X X X X X X X X	-	-	-
	Western snowy plover	C T 120-400 BIRDS	X X	-	-	-
	Western snowy plover	C T 8-30 BIRDS	X X X X X X X	MAR-SEP	-	-
406	Belding's savannah sparrow	E	X X X X X X X X X X X	MAR-MAY	-	-
407	Brown pelican	1-293 BIRDS	X X X X X	-	-	-
408	Brown pelican	0-160 BIRDS	X X X X X	-	-	-

FISH:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
21	Tidewater goby	C E	X X X X X X X X X X X	APR-JUN	-	-	-	-
22	Rocky intertidal fish		X X X X X X X X X X X	-	-	-	-	-
28	Steelhead	C E	X X X X X X X X X X X	DEC-APR	JAN-MAY	-	JAN-DEC	DEC-APR
	Tidewater goby	C E	X X X X X X X X X X X	APR-JUN	-	-	-	-
402	California grunion		X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC
411	California grunion	OCCASIONAL RUNS	X X X X X X X X X X X	MAR-AUG	MAR-SEP	MAR-SEP	MAR-SEP	JAN-DEC

HABITAT:

RAR#	Species	S F Conc.	J F M A M J J A S O N D
22	Rocky intertidal plants		X X X X X X X X X X X
410	Ventura marsh milkvetch	E E	X X X X X X X X X X X

INVERTEBRATE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Spawning	Eggs	Larvae	Juveniles	Adults
22	Black abalone	E POTENTIAL	X X X X X X X X X X X	-	-	-	-	-
	Rocky intertidal invertebrates		X X X X X X X X X X X	-	-	-	-	-
402	Pismo clam		X X X X X X X X X X X	JUN-SEP	-	-	-	-
410	Monarch butterfly	VERY HIGH	X X X	-	-	-	-	-

MARINE MAMMAL:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
3	Pacific harbor seal	PRIMARY	X X X X X X X X X X X	-	-	-	-
535	Bottlenose dolphin	SECONDARY	X X X X X X X X X X X	-	-	-	-
536	Bottlenose dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
	California sea lion	PRIMARY	X X X X X X X X X X X	-	-	-	AUG-SEP
	Dall's porpoise	PRIMARY	X X X X X	-	-	-	-
	Dall's porpoise	SECONDARY	X X X X X	-	-	-	-
	Killer whale	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Minke whale	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Northern right-whale dolphin	PRIMARY	X X X X X	-	-	-	-
	Northern right-whale dolphin	SECONDARY	X X X X X	-	-	-	-
	Pacific white-sided dolphin	PRIMARY	X X X X X	-	-	-	-
	Pacific white-sided dolphin	SECONDARY	X X X X X X X X	-	-	-	-
	Risso's dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Short-beaked common dolphin	PRIMARY	X X X X X X X X X X X	-	-	-	-
	Short-finned pilot whale	RARE	X X X X X X X X X X X	-	-	-	-
	Striped dolphin	RARE	X X X X X X X X X X X	-	-	-	-
539	Baird's beaked whale	SECONDARY	X X X X X X X X X X X	-	-	-	-
	Cuvier's beaked whale	SECONDARY	X X X X X X X X X X X	-	-	-	-
	Mesoplodont beaked whales	SECONDARY	X X X X X X X X X X X	-	-	-	-
	Sperm whale	E SECONDARY	X X X X X X X X X X X	-	-	-	-
541	Blue whale	E PRIMARY	X X X X X X X X X	-	-	-	-
	Blue whale	E RARE	X X X	-	-	-	-
	Bryde's whale	RARE	X X X X X X X X X	-	-	-	-
	Fin whale	E PRIMARY	X X X X X X X X X	-	-	-	-
	Fin whale	E SECONDARY	X X X	-	-	-	-
	Humpback whale	E PRIMARY	X X X X X X X X X	-	-	-	-
	Humpback whale	E SECONDARY	X X X	-	-	-	-

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.

Southern California: ESIMAP 5 (cont.)

BIOLOGICAL RESOURCES: (cont.)

MARINE MAMMAL: (cont.)

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Mating	Calving	Pupping	Molting
541	North Pacific right whale	E RARE	X X X X X X X X X	-	-	-	-
543	Gray whale	PRIMARY	X X X X	-	-	-	-
	Gray whale	RARE	X X X X X	-	-	-	-
	Gray whale	SECONDARY	X	-	-	-	-
	Long-beaked common dolphin	PRIMARY	X X X X X X X X X X	-	-	-	-
663	Pacific harbor seal	36 INDIV.	X X X X X X X X X X	-	-	-	MAY-JUL
669	Sea otter	T	X X X X X	X	-	-	-

REPTILE:

RAR#	Species	S F Conc.	J F M A M J J A S O N D	Nesting	Hatching	Interneesting	Juveniles	Adults
359	California red-legged frog	C T	X X X X X X X X X X X	JAN-MAY	-	-	-	-
403	California red-legged frog	C T PROBABLE	X X X X X X X X X X X	JAN-MAY	-	-	-	-
409	Loggerhead sea turtle	T RARE	X X X X X X X X X X X	-	-	-	-	-
412	California red-legged frog	C T PROBABLE	X X X X X X X X X X X	JAN-MAY	-	-	-	-
497	California red-legged frog	C T	X X X X X X X X X X X	JAN-MAY	-	-	-	-
	Southwestern pond turtle	C	X X X X X X X X X X X	-	-	-	-	-
667	Leatherback sea turtle	E PRIMARY	X X X X X	-	-	-	-	MAR-JUL

HUMAN USE RESOURCES:

ACP SENSITIVE SITES:

ACP SITE#	Name	Contact
4-625-B	Naples	CDF&G OSPR
4-630-C	Eagle Canyon Creek	CDF&G OSPR
4-635-A	Tecolote Creek	CDF&G OSPR
4-640-A	Bell Canyon Creek	CDF&G OSPR
4-645-A	Devereaux Slough	CDF&G OSPR

ACCESS:

HUN#	Name	Contact	Phone
145	SB-L-2011 GATO CREEK ACCESS	SANTA BARBARA COUNTY FIRE	805/863-2724
146	SB-L-3011 DOS PUEBLOS CREEK	SANTA BARBARA COUNTY FIRE	805/863-2724
147	SB-M-1011 EAGLE CREEK	VENECO	805/896-9567
148	SB-M-2011 VENOCO ELLWOOD PIER	VENECO	805/896-9567
149	SB-N-1011 TECOLOTE CRK @ BACARA RESORT	BACARA RESORT ONSITE MANAGER	805/562-9555
150	SB-N-1021 VENOCO PLANT @ BELL CRK	VENECO	805/896-9567
151	SB-N-2014 ELLWOOD MESA ACCESS	SANTA BARBARA COUNTY FIRE	805/863-2724
152	SB-N-2021 VENOCO PLANT @ ELLWOOD	VENECO	805/896-9567
153	SB-N-2036 DEVEREUX SLOUGH		

AQUACULTURE:

HUN#	Name	Contact	Phone
353	M-654-03 #1	TOM MOORE, CDF&G	707/875-4261
354	M-654-03 #2	TOM MOORE, CDF&G	707/875-4261

CRITICAL HABITAT:

HUN#	Name	Contact	Phone
399	CRITICAL HABITAT: STEELHEAD	NATIONAL MARINE FISHERIES SERVICE	562/980-4000
400	CRITICAL HABITAT: WESTERN SNOWY PLOVER	U.S. FISH AND WILDLIFE SERVICE	760/431-9440

FISHERY AREA:

HUN#	Name	J F M A M J J A S O N D
443	Barred sand bass	X X X X X X X X X X X
	Cabezon	X X X X X X X X X
	California halibut	X X X X X X X X X X X
	California market squid	X X X X X X X X X X X
	California scorpionfish	X X X X X X X X X X X
	California sea cucumber	X X X X X X X X X X X
	California sheephead	X X X X X X X X X X
	California spiny lobster	X X X X X X X X X X
	Dover sole	X X X X X X X X X X X
	Kelp bass	X X X X X X X X X X X
	Lingcod	X X X X X X X X X
	Ocean whitefish	X X X X X X X X X X X
	Pacific angel shark	X X X X X X X X X X X
	Pacific bonito	X X X X X X X X X X X
	Pacific sanddab	X X X X X X X X X X X
	Ridgeback prawn	X X X X X X X X X
	Rock crabs	X X X X X X X X X X X
	Rockfish	X X X X X X X X X X X
	Sablefish	X X X X X X X X X X X
	Sea cucumbers	X X X X X X X X X X X
	Sea urchins	X X X X X X X X X X X
	Shark	X X X X X X X X X X X
	Sheep crab	X X X X X X X X X X X
	Spot prawn	X X X X X X X X X
	Swordfish	X X X X X X X X X X X
	Thornyhead spp.	X X X X X X X X X X X
	Tuna	X X X X X X X X X X X
	White seabass	X X X X X X X X X X X

NATIONAL FOREST:

HUN#	Name	Contact	Phone
764	LOS PADRES NATIONAL FOREST	U.S. FOREST SERVICE	805/968-6640

PARK:

HUN#	Name	Contact	Phone
787	EL CAPITAN SB	CA STATE PARKS (24-HOUR DISPATCH)	951/443-2944

PLATFORM:

HUN#	Name	Contact	Phone
836	HOLLY		

WATER INTAKE:

HUN#	Name	Contact	Phone
882	THE CULTURED ABALONE	BEN BEEDE OR R. CRAIG	805/685-1956

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