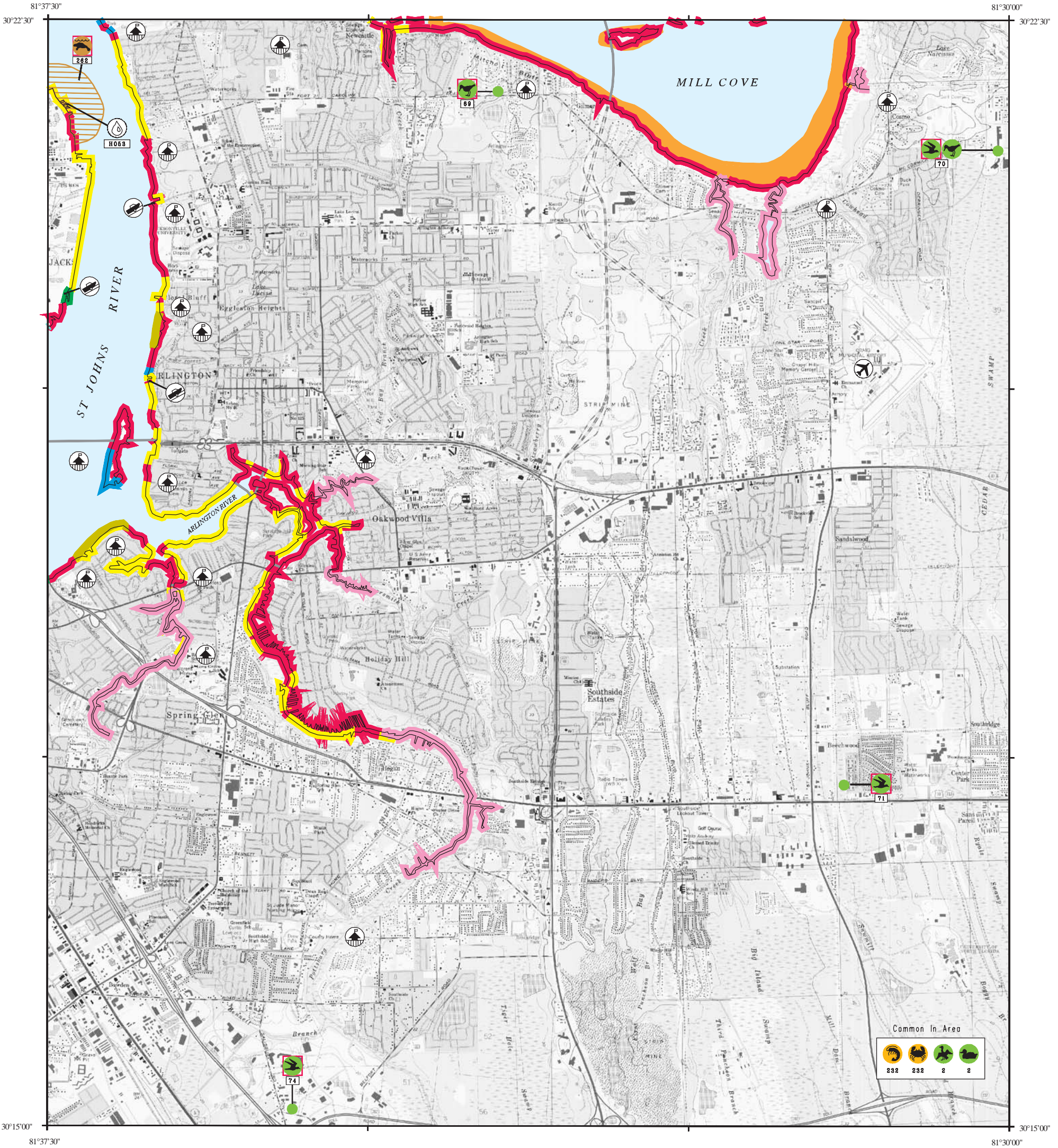


ENVIRONMENTAL SENSITIVITY INDEX MAP



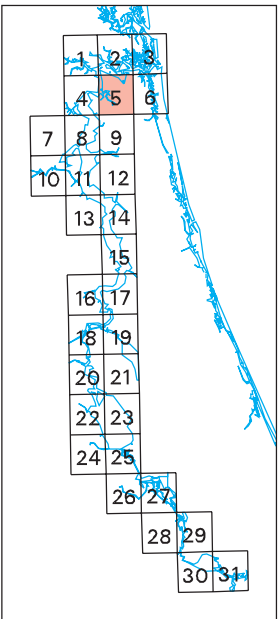
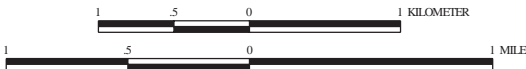
Prepared by:
Research Planning, Inc.



Prepared for:
Florida Department of
Environmental Protection



SCALE 1:50000



Not For Navigation
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ST. JOHNS RIVER ESIMAP 5

BIOLOGICAL RESOURCES:

BIRD:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Nesting	Laying	Hatching	Fledging
2	Brown pelican			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Bufflehead			LOW	X	X										X	-	-	-	-
	Common loon			LOW	X	X	X	X								X	X	-	-	-
	Double-crested cormorant			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Lesser scaup			MED	X	X	X	X						X	X	X	-	-	-	-
	Red-breasted merganser			LOW	X	X	X	X						X	X	X	-	-	-	-
	Redhead			LOW	X	X	X								X	X	-	-	-	-
69	Black-bellied plover				X	X	X	X	X		X	X	X	X	X	X	-	-	-	-
	Buff-breasted sandpiper												X	X	X		-	-	-	-
	Common snipe				X	X	X	X	X					X	X	X	-	-	-	-
	Dunlin			300	X	X	X	X	X			X	X	X	X	X	-	-	-	-
	Greater yellowlegs				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Killdeer				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Least sandpiper			60	X	X	X	X	X		X	X	X	X	X	X	-	-	-	-
	Lesser yellowlegs				X	X	X	X	X			X	X	X	X	X	-	-	-	-
	Long-billed dowitcher				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Pectoral sandpiper						X	X	X		X	X	X	X	X		-	-	-	-
	Peep				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Piping plover	S/F	T/T		X	X	X	X	X			X	X	X	X	X	-	-	-	-
	Ruddy turnstone				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Sanderling				X	X	X	X	X		X	X	X	X	X	X	-	-	-	-
	Semipalmated plover				X	X	X	X	X		X	X	X	X	X	X	-	-	-	-
	Semipalmated sandpiper				X	X	X	X	X		X	X	X	X	X	X	-	-	-	-
	Sharp-tailed sandpiper			12	X	X							X	X	X	X	-	-	-	-
	Short-billed dowitcher				X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Solitary sandpiper			1	X	X	X				X	X	X	X	X	X	-	-	-	-
	Spotted sandpiper			2	X	X	X	X	X		X	X	X	X	X	X	-	-	-	-
	Stilt sandpiper			99	X	X	X					X	X	X	X	X	-	-	-	-
	Western sandpiper			99	X	X	X	X	X		X	X	X	X	X	X	-	-	-	-
	Willet			17	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-
	Wilson's phalarope											X	X	X	X	X	-	-	-	-
70	Killdeer			1	X	X	X	X	X	X	X	X	X	X	X	X	MAR-JUL	-	-	-
	Least tern	S	T	48			X	X	X	X	X	X					APR-AUG	-	-	-
71	Least tern	S	T	19			X	X	X	X	X	X					APR-AUG	-	-	-
74	Least tern	S	T	46			X	X	X	X	X	X					APR-AUG	-	-	-

M_MAMMAL:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Mating	Calving	Pupping	Molting
262	West Indian manatee	S/F	E/E	HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-

SHELLFISH:

RAR#	Species	S/F	T/E	Concen	J	F	M	A	M	J	J	A	S	O	N	D	Spawning	Larvae/Juv	Mating
232	Blue crab			HIGH	X	X	X	X	X	X	X	X	X	X	X	X	-	JAN-DEC	MAR-DEC
	Brown shrimp			MED	X	X	X	X	X	X	X	X	X	X	X	X	-	JAN-DEC	-
	Pink shrimp			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	JAN-DEC	-
	Stone crab			LOW	X	X	X	X	X	X	X	X	X	X	X	X	-	JAN-DEC	SEP-NOV
	White shrimp			MED	X	X	X	X	X	X	X	X	X	X	X	X	APR-OCT	JAN-DEC	-

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HUMAN USE RESOURCES:

WATER_INTAKE:

RAR#	Name	Owner	Contact	Phone
H053	KENNEDY GEN. STATION	JACKSONVILLE ELECTRIC AUTHORITY	STAN STOKES	904-632-6258