

Environmental Resource Analysis: Resources-At-Risk Report

All Analyses for Regional General Permit Area

December 15, 2003, rev. January 6, 2004

Event Class = Generic Polygons
Event Name = 1
Entry Date = 2003/12/18/14:33:07
Entry User = user_id
Buffer Distance = 0 (feet)
Boundary Area Analyzed = 47905.27 (acres)

General/Descriptive

NRCS Ecological Communities within Boundary

		Percent Area	Area
	1	0.02%	9.54 (acres)
	17, 21, 22,	23.41%	11214.63 (acres)
	18	5.89%	2821.63 (acres)
	21	3.62%	1735.41 (acres)
	21, 22	6.28%	3009.00 (acres)
	22	1.04%	498.56 (acres)
	3	3.56%	1707.59 (acres)
	3, 7	0.61%	293.74 (acres)
	4	7.05%	3376.88 (acres)
	4, 5	2.74%	1314.36 (acres)
	5	1.39%	666.35 (acres)
	5, 11	0.01%	4.29 (acres)
	7	34.35%	16457.57 (acres)
	7, 21	0.06%	28.34 (acres)
	7, 25	6.11%	2926.05 (acres)
	Disturbed	2.23%	1070.22 (acres)
	Water	1.61%	770.72 (acres)

Total Area = 47905.27 (acres)

NWFWMD Land Use (FLUCCS Level 3) within Boundary

		Percent Area	Area
	1100	0.31%	150.02 (acres)
	1120	0.01%	3.44 (acres)
	1200	0.87%	415.68 (acres)
	1220	0.03%	12.84 (acres)
	1300	1.08%	519.10 (acres)
	1320	0.19%	91.41 (acres)
	1400	0.54%	259.72 (acres)
	1420	0.01%	3.57 (acres)
	1500	0.01%	3.35 (acres)
	1600	0.02%	8.27 (acres)
	1660	0.01%	6.18 (acres)
	1710	0.02%	8.71 (acres)

1720	0.01%	6.64 (acres)
1800	0.08%	36.56 (acres)
1820	0.30%	143.77 (acres)
1840	0.01%	3.46 (acres)
1850	0.00%	1.87 (acres)
1900	0.02%	8.00 (acres)
2100	0.03%	13.32 (acres)
3200	1.04%	498.00 (acres)
3220	0.15%	72.80 (acres)
4100	7.54%	3612.91 (acres)
4340	2.39%	1146.09 (acres)
4410	49.08%	23510.12 (acres)
4430	6.50%	3115.23 (acres)
5100	0.19%	88.76 (acres)
5200	0.48%	231.04 (acres)
5300	0.27%	126.99 (acres)
5420	0.05%	21.92 (acres)
6100	0.06%	26.93 (acres)
6200	1.70%	812.03 (acres)
6210	0.05%	23.80 (acres)
6300	14.76%	7070.94 (acres)
6400	0.00%	0.37 (acres)
6410	0.97%	464.29 (acres)
6420	3.95%	1894.10 (acres)
6440	0.01%	4.23 (acres)
6510	0.58%	277.42 (acres)
6530	0.01%	2.97 (acres)
6900	2.12%	1017.09 (acres)
7200	1.65%	789.27 (acres)
7400	0.14%	67.70 (acres)
8140	0.20%	96.63 (acres)
8210	0.00%	0.98 (acres)
8310	0.03%	15.87 (acres)
8320	0.86%	414.29 (acres)
8340	0.05%	24.81 (acres)

Total Area = 47905.27 (acres)

NWI Wetlands within Boundary

Classification	Classification	Classification	Percent Area	Area
E	2	EM	6.97%	3336.65 (acres)
L	2	FL	0.06%	29.12 (acres)
P		EM	45.47%	21782.35 (acres)

Total Area = 47905.27 (acres)

Soils by Name within Boundary

	Percent Area	Area
Albany sand, 0 to 2 percent slopes	0.01%	4.29 (acres)
ALLANTON SAND	0.05%	23.18 (acres)
Arents, 0 to 5	1.06%	509.28 (acres)
Arents, 2 to 8	1.17%	558.66 (acres)
BAYVI LOAMY SAND	5.46%	2617.22 (acres)
Centenary sand, 0 to 5	0.08%	39.91 (acres)
Chipleys sand, 0 to 5	1.39%	666.35 (acres)
DIREGO MUCK	0.43%	204.41 (acres)
DOROVAN-PAMLICO ASSOCIATION,	0.74%	354.11 (acres)
DUCKSTON MUCK, FREQUENTLY FL	0.02%	9.54 (acres)
Eglin sand, 0 to 5	0.08%	36.38 (acres)
Foxworth sand, 0 to 5	2.46%	1177.12 (acres)
Foxworth sand, 5 to 8	0.29%	137.24 (acres)
Hurricane sand	2.67%	1277.88 (acres)
Hurricane Sand, 0 to 5	3.70%	1772.16 (acres)
Kureb sand, 0 to 5	1.75%	836.24 (acres)
Kureb sand, 0 to 8	0.73%	348.26 (acres)
Kureb sand, hilly	0.07%	32.78 (acres)
Lakeland sand , 0 to 5	0.22%	105.96 (acres)
Lakeland sand 0 to 5 percent slopes	0.27%	131.35 (acres)
Lakeland sand 8 to 12 percent slopes	0.03%	13.24 (acres)
LEON SAND	21.62%	10356.79 (acres)
Mandarin sand	0.88%	421.98 (acres)
OSIER FINE SAND	0.06%	28.34 (acres)
PAMLICO MUCK	3.57%	1712.23 (acres)
PAMLICO-DOROVAN COMPLEX	5.54%	2654.89 (acres)
PICKNEY FINE SAND	0.24%	116.84 (acres)
PICKNEY SAND, DEPRESSIONAL	0.80%	381.72 (acres)
PITS	0.00%	2.28 (acres)
POTTSBURG SAND	18.84%	9026.83 (acres)
Resota fine sand, 0 to 5	0.65%	311.82 (acres)
Resota sand, 0 to 5	0.10%	50.24 (acres)
RUTLEGE FINE SAND	2.18%	1045.08 (acres)

RUTLEGE SAND	21.21%	10162.60 (acres)
RUTLEGE-PAMLICO COMPLEX	0.01%	6.94 (acres)
Unclassified - Water	1.61%	770.72 (acres)
Total Area = 47905.27 (acres)		

Hydric Status of Soils within Boundary

	Percent Area	Area
NonHydric	18.60%	8908.14 (acres)
Not Primary	41.13%	19702.82 (acres)
Primary	40.28%	19293.93 (acres)
Total Area = 47905.27 (acres)		

Estimation of Corps Jurisdiction within Boundary

	Percent Area	Area
Upland	39.17%	18759.55 (acres)
50% Waterward Not Primary	20.57%	9851.41 (acres)
Primary	40.28%	19293.93 (acres)
Total Area = 47905.27 (acres)		

Primary Hydric Soils with Timber Cover within Boundary

	Percent Area	Area
Planted	11.27%	5400.61 (acres)
Unplanted	12.80%	6129.76 (acres)
Total Area = 47905.27 (acres)		

Fifty Percent Waterward Not-Primary Hydric Soils with Timber within Boundary

	Percent Area	Area
Planted	11.17%	5352.07 (acres)
Unplanted	2.74%	1314.54 (acres)
Total Area = 47905.27 (acres)		

Timber Cover within Boundary

	Percent Area	Area
	0.00%	0.05 (acres)
Non Joe Land	18.62%	8921.44 (acres)
Planted	40.97%	19624.54 (acres)
Unplanted	18.27%	8752.42 (acres)
Total Area = 47905.27 (acres)		

Regional Significance

Large Landscape Priorities within Boundary

	Percent Area	Area
0	100.00%	47905.27 (acres)
Total Area = 47905.27 (acres)		

Recreational Trails within Boundary

	Percent Length	Length
CANOE/KAYAK	78.81%	60359.88 (feet)
HIKING	20.28%	15530.29 (feet)
SCENIC ROADS	0.92%	700.89 (feet)

Total Length = 76591.07 (feet)

Florida Managed Lands within Boundary

CAMP HELEN STATE PARK

CHOCTAWHATCHEE RIVER WATER MANAGEMENT AREA

DEER LAKE STATE PARK

EDEN GARDENS STATE PARK

POINT WASHINGTON STATE FOREST

FNAI Priority Habitat Conservation Lands

Unaffected within Boundary

CARL Projects within Boundary

	Percent Area	Area
South Walton County Ecosystem	0.78%	375.28 (acres)

Total Area = 47905.27 (acres)

NRCS Ecological Communities within Boundary

	Percent Area	Area
1	0.02%	9.54 (acres)
17, 21, 22,	23.41%	11214.63 (acres)
18	5.89%	2821.63 (acres)
21	3.62%	1735.41 (acres)
21, 22	6.28%	3009.00 (acres)
22	1.04%	498.56 (acres)
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3, 7	0.61%	293.74 (acres)
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4, 5	2.74%	1314.36 (acres)
5	1.39%	666.35 (acres)
5, 11	0.01%	4.29 (acres)
7	34.35%	16457.57 (acres)
7, 21	0.06%	28.34 (acres)
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Disturbed	2.23%	1070.22 (acres)
Water	1.61%	770.72 (acres)

Total Area = 47905.27 (acres)

FNAI Natural Communities Priorities within Boundary

	Percent Area	Area
0	85.92%	41158.76 (acres)
1	0.17%	80.10 (acres)
128	13.22%	6335.31 (acres)
16	0.00%	0.22 (acres)
32	0.69%	330.88 (acres)

Total Area = 47905.27 (acres)

FNAI Coast Priorities within Boundary

		Percent Area	Area
	0	95.30%	45653.81 (acres)
	1	3.84%	1837.73 (acres)
	2	0.86%	413.73 (acres)
			Total Area = 47905.27 (acres)

FMRI Seagrass Beds within Boundary

		Percent Area	Area
	EST	0.52%	247.28 (acres)
	LAND	51.51%	24676.88 (acres)
	PSG2	0.01%	4.43 (acres)
	PSG3	0.00%	0.42 (acres)
	PSG4	0.00%	0.19 (acres)
			Total Area = 47905.27 (acres)

Biodiversity

NRCS Ecological Communities within Boundary

		Percent Area	Area
	1	0.02%	9.54 (acres)
	17, 21, 22,	23.41%	11214.63 (acres)
	18	5.89%	2821.63 (acres)
	21	3.62%	1735.41 (acres)
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	7, 21	0.06%	28.34 (acres)
	7, 25	6.11%	2926.05 (acres)
	Disturbed	2.23%	1070.22 (acres)
	Water	1.61%	770.72 (acres)
			Total Area = 47905.27 (acres)

FWC SCHAs within Boundary

		Percent Area	Area
	0	0.04%	21.53 (acres)
	1	3.11%	1487.87 (acres)
			Total Area = 47905.27 (acres)

FWC Priority Wetlands within Boundary

		Percent Area	Area
	1-3 species, upland habitat	52.29%	25051.83 (acres)

1-3 species, wetland habitat	16.91%	8100.28 (acres)
4-6 species, wetland habitat	1.30%	622.15 (acres)
Background	20.97%	10045.97 (acres)
Total Area = 47905.27 (acres)		

Natural Communities Priorities within Boundary

	Percent Area	Area
0	85.92%	41158.76 (acres)
1	0.17%	80.10 (acres)
128	13.22%	6335.31 (acres)
16	0.00%	0.22 (acres)
32	0.69%	330.88 (acres)
Total Area = 47905.27 (acres)		

FNAI Priority Habitat Conservation Lands

Unaffected within Boundary

FNAI Element Occurrences within Boundary

Classification	Classification	Classification	Classification	Classification
CALAMOVILFA CURTISSII	CURTISS' SANDGRASS	1988-11-30	MC	LT
GENTIANA PENNELIANA	WIREGRASS GENTIAN	1988-11-30	MC	LE
GOPHERUS POLYPHEMUS	GOPHER TORTOISE	ZZ	N	LS
LUPINUS WESTIANUS	GULF COAST LUPINE	1996-07-26	MC	LT
MESIC FLATWOODS	ZZ	1994-04-19	N	N
PICOIDES BOREALIS	RED-COCKADED WOODPECKER	ZZ	LE	LT
POLYGONELLA MACROPHYLLA	LARGE-LEAVED JOINTWEED	1997-XX-XX	MC	LT
SARRACENIA LEUCOPHYLLA	WHITE-TOP PITCHERPLANT	1993-12-02	MC	LE
SCRUB	ZZ	1994-04-18	N	N
VERBESINA CHAPMANII	CHAPMAN'S CROWNBEARD	1988-08-05	N	LT
XERIC HAMMOCK	ZZ	1994-04-18	N	N

Bald Eagle Nests within Boundary

Classification	Distance inside Analysis Boundary
BA008	3478 (feet)

FWC Black Bear Road Kills

Unaffected within Boundary

Black Bear Nuisance Reports within Boundary

Classification	Classification	Classification
IN AREA	30.291	-85.859

WilsonMiller Species Observations within Boundary

Classification	Classification	Classification	Classification
Alligator mississippiensis	American alligator	T(S/A)	LS
Drosera intermedia	Spoon-leaved sundew	N	LT
Egretta caerulea	Little blue heron	N	LS
Egretta thula	Snowy egret	N	LS
Gentiana pennelliana	Wiregrass gentian	N	LE

Gopherus polyphemus	Gopher tortoise	N	LS
Lilium catesbaei	Catesby lily	N	LT
Picoides borealis	Red-cockaded woodpecker	LE	LT
Pinguicula planifolia	Chapman's butterwort	N	LT
Rhexia parviflora	Small-flowered meadowbeauty	CE	LE
Sarracenia leucophylla	White-top pitcherplant	N	LE
Sarracenia psitticina	Parrot pitcher plant	N	LT
Sciurus niger shermani	Sherman's fox squirrel	N	N
Ursus americanus floridanus	Florida black bear	ce	LT
Verbesina chapmanii	Chapman's crownbeard	N	LT

FMRI 2002 Turtle Nesting Beaches

Unaffected within Boundary

Water Quality

Outstanding Florida Waters within Boundary

Classification	Classification	Percent Area	Area
Other	Eden State Gardens	5.22%	2501.34 (acres)
Special	Lake Powell, Phillips Inlet	2.63%	1257.55 (acres)

Total Area = 47905.27 (acres)

2000 305(b) Basin Status Report within Boundary

Classification	Classification	Percent Area	Area
BASIN BAYOU		2.50%	1199.07 (acres)
BOTHERATION BAYOU	Fair	7.15%	3425.54 (acres)
CAMP CREEK	Good	1.98%	946.95 (acres)
CHOCTOWATCHEE BAY AB C	Good	0.02%	7.50 (acres)
DIRECT RUNOFF TO BAY		45.56%	21827.05 (acres)
DIRECT RUNOFF TO GULF		0.77%	369.49 (acres)
HARRISON BAYOU		3.32%	1589.39 (acres)
INTRACOASTAL WATERWAY	Good	2.52%	1206.52 (acres)
LAKE POWELL	Good	15.50%	7427.27 (acres)
PEACH CREEK	Good	1.71%	819.33 (acres)
ROARING CREEK		1.00%	479.72 (acres)
ST. ANDREWS BAY (N)	Good	0.03%	13.46 (acres)
UNNAMED BAYOU		2.51%	1204.49 (acres)
WEST BAY	Good	0.67%	321.18 (acres)
WEST LAIRD DRAIN		10.19%	4882.70 (acres)
WESTBAY CREEK		1.76%	844.92 (acres)
WOODLAWN CANAL	Good	1.48%	709.49 (acres)

Total Area = 47905.27 (acres)

1998 305(b) Basin Status Report within Boundary

Classification	Classification	Classification	Classification	Percent Area	Area
				25.37%	12152.66 (acres)
BOTHERATION BAYOU	GOOD		LOW	7.21%	3456.17 (acres)
CAMP CREEK	GOOD	EXCELLENT	LOW	2.01%	961.93 (acres)
CHOCTOWATCHEE BAY AB C	GOOD	EXCELLENT	HIGH	0.00%	0.16 (acres)
DIRECT RUNOFF TO BAY	FAIR		LOW	42.22%	20225.72 (acres)
INTRACOASTAL WATERWAY	GOOD	GOOD	LOW	2.49%	1194.37 (acres)
LAKE POWELL	GOOD	GOOD	HIGH	15.57%	7459.92 (acres)
PEACH CREEK	GOOD	EXCELLENT	MEDIUM	1.77%	846.06 (acres)
ST. ANDREWS BAY (N)	GOOD	EXCELLENT	HIGH	0.01%	5.42 (acres)
WEST BAY	GOOD	EXCELLENT	HIGH	0.57%	270.87 (acres)
WOODLAWN CANAL	GOOD	GOOD	HIGH	1.51%	721.57 (acres)

Total Area = 47905.27 (acres)

1996 305(b) Basin Status Report within Boundary

Classification	Classification	Classification	Classification	Percent Area	Area
BASIN BAYOU				2.50%	1196.67 (acres)
BOTHERATION BAYOU				7.21%	3456.17 (acres)
CAMP CREEK				2.01%	961.93 (acres)
CHOCTOWATCHEE BAY AB C	PARTIAL	2		0.00%	0.16 (acres)
DIRECT RUNOFF TO BAY				45.36%	21730.46 (acres)
DIRECT RUNOFF TO GULF	FULLY	3		0.90%	433.24 (acres)
HARRISON BAYOU				3.32%	1588.37 (acres)
INTRACOASTAL WATERWAY				2.49%	1194.37 (acres)
LAKE POWELL				15.57%	7459.92 (acres)
PEACH CREEK				1.77%	846.06 (acres)
ROARING CREEK				1.00%	478.17 (acres)
ST. ANDREWS BAY (N)	FULLY	2		0.01%	5.42 (acres)
UNNAMED BAYOU				2.55%	1219.20 (acres)
WEST BAY	FULLY	2		0.57%	270.87 (acres)
WEST LAIRD DRAIN				10.19%	4882.71 (acres)
WESTBAY CREEK				1.77%	849.55 (acres)
WOODLAWN CANAL	FULLY	3		1.51%	721.57 (acres)

Total Area = 47905.27 (acres)

1998 303(d) Listing -- Impaired Waters List within Boundary

Classification	Classification	Classification	Classification	Percent Area	Area
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CHOCTOWATCHEE BAY AB C				HIGH	2004	3	0.00%	0.16 (acres)
Total Area = 47905.27 (acres)								
NWI within Boundary								
	Classification	Classification	Classification	Classification	Percent Area	Area		
	E	2	EM	5	6.97%	3336.65 (acres)		
	L	2	FL		0.06%	29.12 (acres)		
	P		EM	1	45.47%	21782.35 (acres)		
Total Area = 47905.27 (acres)								
Estimation of Corps Jurisdiction within Boundary								
				Percent Area	Area			
	Upland			39.17%	18759.55 (acres)			
	50% Waterward Not Primary			20.57%	9851.41 (acres)			
	Primary			40.28%	19293.93 (acres)			
Total Area = 47905.27 (acres)								
Springs								
Unaffected within Boundary								
Sinkholes								
Unaffected within Boundary								
Private Wells within Boundary								
	Classification	Classification	Classification	Classification	Classification	Classification		
	030001101	PANAMA CITY	42	0	0	0.000000000		
Blackwater Areas within Boundary								
				Percent Area	Area			
				1.27%	608.54 (acres)			
	0			63.92%	30619.63 (acres)			
	1			24.51%	11741.53 (acres)			
	2			10.30%	4935.18 (acres)			
Total Area = 47905.27 (acres)								
Mitigation Drainage Basins within Boundary								
						Percent Area	Area	
	Devils Swamp Mitigation					20.23%	9693.02 (acres)	
	In Basin					0.01%	5.58 (acres)	
	Lake Powell In-Basin					14.37%	6883.50 (acres)	
	West Bay Mitigation					56.86%	27240.09 (acres)	
Total Area = 47905.27 (acres)								
Drainage Basins within Boundary								
						Percent Area	Area	
	BASIN BAYOU					2.50%	1196.69 (acres)	
	BOTHERATION BAYOU					7.21%	3456.13 (acres)	
	CAMP CREEK					2.01%	961.92 (acres)	
	CHOCTAWHATCHEE BAY					0.00%	0.16	

		(acres)
DIRECT RUNOFF TO BAY	46.87%	22452.07 (acres)
DIRECT RUNOFF TO GULF	0.90%	433.27 (acres)
HARRISON BAYOU	3.32%	1588.41 (acres)
INTRACOASTAL WATERWAY	2.49%	1194.28 (acres)
PEACH CREEK	1.77%	846.09 (acres)
PHILLIPS INLET	15.57%	7459.90 (acres)
ROARING CREEK	1.00%	478.18 (acres)
ST. ANDREWS BAY	0.58%	276.31 (acres)
TENMILE BRANCH	1.27%	610.49 (acres)
UNNAMED BAYOU	2.55%	1219.23 (acres)
WEST LAIRD DRAIN	10.19%	4882.66 (acres)
WESTBAY CREEK	1.77%	849.50 (acres)
Total Area = 47905.27 (acres)		

Ground Water Contamination

Unaffected within Boundary

EFH and Living Marine Resources

FNAI Coast Priorities within Boundary

	Percent Area	Area
0	95.30%	45653.81 (acres)
1	3.84%	1837.73 (acres)
2	0.86%	413.73 (acres)

Total Area = 47905.27 (acres)

FMRI 2002 Seagrass Beds within Boundary

	Percent Area	Area
EST	0.52%	247.28 (acres)
LAND	51.51%	24676.88 (acres)
PSG2	0.01%	4.43 (acres)
PSG3	0.00%	0.42 (acres)
PSG4	0.00%	0.19 (acres)

Total Area = 47905.27 (acres)