

## Environmental Resource Analysis: Resources-At-Risk Report

### All Analyses (no Buffers), Breakfast Point Peninsula Conservation Unit

January 6, 2004

**Event Class = Generic Polygons**  
**Event Name = Breakfast Point Peninsula Conservation Unit**  
**Entry Date = 2004/01/06/09:57:24**  
**Entry User = user\_id**  
**Buffer Distance = 0 (feet)**  
**Boundary Area Analyzed = 2288.73 (acres)**

### General/Descriptive

#### NRCS Ecological Communities within Boundary

		Percent Area	Area
	17, 21, 22,	2.95%	67.51 (acres)
	18	75.05%	1717.62 (acres)
	21, 22	0.16%	3.76 (acres)
	3, 7	0.04%	0.88 (acres)
	5	0.00%	0.03 (acres)
	7	16.99%	388.82 (acres)
	Water	4.81%	110.10 (acres)

Total Area = 2288.73 (acres)

#### NWFWMD Land Use (FLUCCS Level 3) within Boundary

		Percent Area	Area
	1320	0.05%	1.04 (acres)
	3200	0.83%	19.06 (acres)
	3220	0.44%	10.16 (acres)
	4100	12.99%	297.27 (acres)
	4340	0.20%	4.55 (acres)
	4410	4.45%	101.85 (acres)
	4430	0.65%	14.81 (acres)
	5100	0.68%	15.57 (acres)
	5200	8.47%	193.88 (acres)
	6410	1.70%	38.93 (acres)
	6420	50.80%	1162.77 (acres)
	6510	10.79%	247.06 (acres)
	6900	0.02%	0.45 (acres)

Total Area = 2288.73 (acres)

#### NWI Wetlands within Boundary

	Classification	Classification	Classification	Percent Area	Area
	E	1	OW	78.82%	1803.95 (acres)
	P		FO	17.20%	393.73 (acres)

Total Area = 2288.73 (acres)

### Soils by Name within Boundary

	Percent Area	Area
BAYVI LOAMY SAND	73.86%	1690.53 (acres)
Chipleysand, 0 to 5	0.00%	0.03 (acres)
DIREGO MUCK	1.18%	27.09 (acres)
LEON SAND	6.10%	139.64 (acres)
MANDARIN SAND	0.04%	0.88 (acres)
PAMLICO-DOROVAN COMPLEX	0.16%	3.76 (acres)
POTTSBURG SAND	10.89%	249.19 (acres)
RUTLEGE SAND	2.95%	67.51 (acres)
Unclassified - Water	4.81%	110.10 (acres)
Total Area = 2288.73 (acres)		

### Hydric Status of Soils within Boundary

	Percent Area	Area
NonHydric	4.81%	110.13 (acres)
Not Primary	17.03%	389.71 (acres)
Primary	78.16%	1788.89 (acres)
Total Area = 2288.73 (acres)		

### Estimation of Corps Jurisdiction within Boundary

	Percent Area	Area
Upland	13.33%	304.99 (acres)
50% Waterward Not Primary	8.52%	194.86 (acres)
Primary	78.16%	1788.89 (acres)
Total Area = 2288.73 (acres)		

### Primary Hydric Soils with Timber Cover

Unaffected within Boundary

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

	Percent Area	Area
Unplanted	0.03%	0.58 (acres)
Total Area = 2288.73 (acres)		

### Timber Cover within Boundary

	Percent Area	Area
		0.00 (acres)
Non Joe Land	0.02%	0.57 (acres)
Unplanted	0.11%	2.41 (acres)
Total Area = 2288.73 (acres)		

## Regional Significance

### Large Landscape Priorities within Boundary

	Percent Area	Area
0	100.00%	2288.73 (acres)
Total Area = 2288.73 (acres)		

## Recreational Trails

Unaffected within Boundary

## Florida Managed Lands

Unaffected within Boundary

## FNAI Priority Habitat Conservation Lands

Unaffected within Boundary

## CARL Projects

Unaffected within Boundary

## NRCS Ecological Communities within Boundary

		Percent Area	Area
	17, 21, 22,	2.95%	67.51 (acres)
	18	75.05%	1717.62 (acres)
	21, 22	0.16%	3.76 (acres)
	3, 7	0.04%	0.88 (acres)
	5	0.00%	0.03 (acres)
	7	16.99%	388.82 (acres)
	Water	4.81%	110.10 (acres)
			Total Area = 2288.73 (acres)

## FNAI Natural Communities Priorities within Boundary

		Percent Area	Area
	0	77.26%	1768.23 (acres)
	128	22.31%	510.57 (acres)
	32	0.43%	9.92 (acres)
			Total Area = 2288.73 (acres)

## FNAI Coast Priorities within Boundary

		Percent Area	Area
	0	49.82%	1140.29 (acres)
	1	49.76%	1138.94 (acres)
	2	0.41%	9.50 (acres)
			Total Area = 2288.73 (acres)

## FMRI Seagrass Beds within Boundary

		Percent Area	Area
	EST	8.38%	191.76 (acres)
	LAND	91.41%	2092.06 (acres)
	PSG2	0.19%	4.42 (acres)
	PSG3	0.02%	0.50 (acres)
			Total Area = 2288.73 (acres)

## Biodiversity

### NRCS Ecological Communities within Boundary

		Percent Area	Area
	17, 21, 22,	2.95%	67.51 (acres)
	18	75.05%	1717.62 (acres)

	21, 22	0.16%	3.76 (acres)
	3, 7	0.04%	0.88 (acres)
	5	0.00%	0.03 (acres)
	7	16.99%	388.82 (acres)
	Water	4.81%	110.10 (acres)
			Total Area = 2288.73 (acres)

### FWC SCHAs within Boundary

		Percent Area	Area
	0	0.15%	3.38 (acres)
	1	17.82%	407.87 (acres)
			Total Area = 2288.73 (acres)

### FWC Priority Wetlands within Boundary

		Percent Area	Area
	1-3 species, upland habitat	5.32%	121.74 (acres)
	1-3 species, wetland habitat	11.63%	266.20 (acres)
	4-6 species, wetland habitat	0.26%	5.90 (acres)
	Background	15.33%	350.77 (acres)
			Total Area = 2288.73 (acres)

### Natural Communities Priorities within Boundary

		Percent Area	Area
	0	77.26%	1768.23 (acres)
	128	22.31%	510.57 (acres)
	32	0.43%	9.92 (acres)
			Total Area = 2288.73 (acres)

### FNAI Priority Habitat Conservation Lands

Unaffected within Boundary

### FNAI Element Occurrences

Unaffected within Boundary

### Bald Eagle Nests

Unaffected within Boundary

### FWC Black Bear Road Kills

Unaffected within Boundary

### Black Bear Nuisance Reports

Unaffected within Boundary

### WilsonMiller Species Observations within Boundary

	Classification	Classification	Classification	Classification
	Egretta thula	Snowy egret	N	LS

### FMRI 2002 Turtle Nesting Beaches

Unaffected within Boundary

## Water Quality

### Outstanding Florida Waters

Unaffected within Boundary

### 2000 305(b) Basin Status Report within Boundary

	Classification	Classification	Percent Area	Area
	BASIN BAYOU		3.44%	78.77 (acres)
	BOTHERATION BAYOU	Fair	14.69%	336.23 (acres)
	DIRECT RUNOFF TO BAY		43.96%	1006.02 (acres)
	HARRISON BAYOU		15.97%	365.42 (acres)
	ST. ANDREWS BAY (N)	Good	0.18%	4.11 (acres)
	UNNAMED BAYOU		3.95%	90.31 (acres)
	WEST BAY	Good	11.74%	268.58 (acres)
	WOODLAWN CANAL	Good	6.09%	139.28 (acres)

Total Area = 2288.73 (acres)

### 1998 305(b) Basin Status Report within Boundary

	Classification	Classification	Classification	Classification	Percent Area	Area
					67.47%	1544.26 (acres)
	BOTHERATION BAYOU	GOOD		LOW	14.78%	338.38 (acres)
	DIRECT RUNOFF TO BAY	FAIR		LOW	1.18%	26.98 (acres)
	ST. ANDREWS BAY (N)	GOOD	EXCELLENT	HIGH	0.14%	3.14 (acres)
	WEST BAY	GOOD	EXCELLENT	HIGH	10.19%	233.17 (acres)
	WOODLAWN CANAL	GOOD	GOOD	HIGH	6.24%	142.81 (acres)

Total Area = 2288.73 (acres)

### 1996 305(b) Basin Status Report within Boundary

	Classification	Classification	Classification	Percent Area	Area
	BASIN BAYOU			3.62%	82.92 (acres)
	BOTHERATION BAYOU			14.78%	338.38 (acres)
	DIRECT RUNOFF TO BAY			44.97%	1029.35 (acres)
	HARRISON BAYOU			16.10%	368.40 (acres)
	ST. ANDREWS BAY (N)	FULLY	2	0.14%	3.14 (acres)
	UNNAMED BAYOU			3.96%	90.55 (acres)
	WEST BAY	FULLY	2	10.19%	233.17 (acres)
	WOODLAWN CANAL	FULLY	3	6.24%	142.81 (acres)

Total Area = 2288.73 (acres)

### 1998 303(d) Listing -- Impaired Waters List

Unaffected within Boundary

### NWI within Boundary

	Classification	Classification	Classification	Classification	Percent Area	Area
	E	1	OW		78.82%	1803.95 (acres)
	P		FO	4	17.20%	393.73 (acres)

Total Area = 2288.73 (acres)

## Estimation of Corps Jurisdiction within Boundary

		Percent Area	Area
	Upland	13.33%	304.99 (acres)
	50% Waterward Not Primary	8.52%	194.86 (acres)
	Primary	78.16%	1788.89 (acres)
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## Springs

Unaffected within Boundary

## Sinkholes

Unaffected within Boundary

## Private Wells

Unaffected within Boundary

## Blackwater Areas within Boundary

		Percent Area	Area
		0.63%	14.32 (acres)
	0	95.08%	2176.05 (acres)
	1	2.95%	67.51 (acres)
	2	1.35%	30.85 (acres)
			Total Area = 2288.73 (acres)

## Mitigation Drainage Basins within Boundary

		Percent Area	Area
	West Bay Mitigation	83.13%	1902.70 (acres)
			Total Area = 2288.73 (acres)

## Drainage Basins within Boundary

		Percent Area	Area
	BASIN BAYOU	3.62%	82.94 (acres)
	BOTHERATION BAYOU	14.78%	338.38 (acres)
	DIRECT RUNOFF TO BAY	51.22%	1172.18 (acres)
	HARRISON BAYOU	16.10%	368.43 (acres)
	ST. ANDREWS BAY	10.32%	236.27 (acres)
	UNNAMED BAYOU	3.96%	90.52 (acres)
			Total Area = 2288.73 (acres)

## Ground Water Contamination

Unaffected within Boundary

## EFH and Living Marine Resources

### FNAI Coast Priorities within Boundary

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**FMRI 2002 Seagrass Beds within Boundary**

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	LAND	91.41%	2092.06 (acres)
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