

Palm Beach County 2007 Habitat Mapping Project

Habitat Acreage Statistics

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**Table 1a. Palm Beach County Habitat
Based on 2001 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽²⁾	Total Estuarine Acres ⁽³⁾	% of Total Estuarine Habitat Acres in Segment ⁽⁴⁾	% of Total Estuarine Habitat Acres in PBC ⁽⁵⁾
North ICW	Patchy SAV ⁽¹⁾	9113	19.17	0.84	0.17
	Continous SAV ⁽¹⁾	9116	232.00	10.18	2.06
	Algae beds	9121	3.48	0.15	0.03
	Tidal flats	6510	143.15	6.28	1.27
	Unveg. Bottom	5400	1638.92	71.89	14.53
	Mangrove	6120	243.08	10.66	2.16
Subtotal			2279.79	100.00	20.21
North LWL	Patchy SAV ⁽¹⁾	9113	12.97	0.35	0.12
	Continous SAV ⁽¹⁾	9116	1135.61	30.62	10.07
	Algae beds	9121	1.21	0.03	0.01
	Tidal flats	6510	361.46	9.75	3.20
	Unveg. Bottom	5400	2063.38	55.63	18.30
	Mangrove	6120	134.29	3.62	1.19
Subtotal			3708.92	100.00	32.89
Central LWL	Patchy SAV ⁽¹⁾	9113	0.72	0.03	0.01
	Continous SAV ⁽¹⁾	9116	194.62	8.91	1.73
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	461.16	21.10	4.09
	Unveg. Bottom	5400	1472.63	67.38	13.06
	Mangrove	6120	56.30	2.58	0.50
Subtotal			2185.43	100.00	19.38
South LWL	Patchy SAV ⁽¹⁾	9113	0.28	0.01	0.00
	Continous SAV ⁽¹⁾	9116	302.17	16.20	2.68
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	334.01	17.90	2.96
	Unveg. Bottom	5400	1155.93	61.96	10.25
	Mangrove	6120	73.32	3.93	0.65
Subtotal			1865.70	100.00	16.54
South ICW	Patchy SAV ⁽¹⁾	9113	16.44	1.33	0.15
	Continous SAV ⁽¹⁾	9116	57.48	4.64	0.51
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	37.03	2.99	0.33
	Unveg. Bottom	5400	980.25	79.15	8.69
	Mangrove	6120	147.24	11.89	1.31
Subtotal			1238.45	100.00	10.98
PBC (all segments)	Patchy SAV ⁽¹⁾	9113	49.58	0.44	0.44
	Continous SAV ⁽¹⁾	9116	1921.89	17.04	17.04
	Algae beds	9121	4.69	0.04	0.04
	Tidal flats	6510	1336.80	11.85	11.85
	Unveg. Bottom	5400	7311.11	64.82	64.82
	Mangrove	6120	654.23	5.80	5.80
Total Estuarine Habitat			11,278.30	100.00	100.00
Total Not Classified Area		0	163,125.71		
Total PBC Project Area			174,404.01		

Footnotes:

1. SAV: Submerged Aquatic Vegetation (Seagrass).
2. FLUCCS: Florida Land Use, Cover and Forms Classification System
3. Total Acres from GIS shapefile
4. % of Total Estuarine Habitat Acres in Segment excluding Not Classified
5. % of Total Estuarine Habitat Acres in Palm Beach County excluding Not Classified

**Table 1b. Lake Worth Lagoon Habitat
Based on 2001 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽²⁾	Total Acres ⁽³⁾	% of Total Estuarine Habitat Acres in Segment ⁽⁴⁾	% of Total Estuarine Habitat Acres in PBC ⁽⁵⁾
North LWL	Patchy SAV (1)	9113	12.97	0.35	0.17
	Continous SAV (1)	9116	1135.61	30.62	14.63
	Algae beds	9121	1.21	0.03	0.02
	Tidal flats	6510	361.46	9.75	4.66
	Unveg. Bottom	5400	2063.38	55.63	26.59
	Mangrove	6120	134.29	3.62	1.73
Subtotal			3708.92	100.00	47.80
Central LWL	Patchy SAV (1)	9113	0.72	0.03	0.01
	Continous SAV (1)	9116	194.62	8.91	2.51
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	461.16	21.10	5.94
	Unveg. Bottom	5400	1472.63	67.38	18.98
	Mangrove	6120	56.30	2.58	0.73
Subtotal			2185.43	100.00	28.16
South LWL	Patchy SAV (1)	9113	0.28	0.01	0.00
	Continous SAV (1)	9116	302.17	16.20	3.89
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	334.01	17.90	4.30
	Unveg. Bottom	5400	1155.93	61.96	14.90
	Mangrove	6120	73.32	3.93	0.94
Subtotal			1865.70	100.00	24.04
LWL (all segments)	Patchy SAV (1)	9113	13.97	0.18	0.18
	Continous SAV (1)	9116	1632.41	21.04	21.04
	Algae beds	9121	1.21	0.02	0.02
	Tidal flats	6510	1156.62	14.90	14.90
	Unveg. Bottom	5400	4691.94	60.46	60.46
	Mangrove	6120	263.91	3.40	3.40
Total LWL Estuarine Habitat			7,760.06	100.00	100.00
Total Not Classified Area		0	74,718.74		
Total LWL Project Area			82,478.80		

Footnotes:

1. SAV: Submerged Aquatic Vegetation (Seagrass).
2. FLUCCS: Florida Land Use, Cover and Forms Classification System
3. Total Acres from GIS shapefile
4. % of Total Estuarine Habitat Acres in Segment excluding Not Classified
5. % of Total Estuarine Habitat Acres in Lake Worth Lagoon excluding Not Classified

**Table 2a. Palm Beach County Habitat
Based on 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽²⁾	Total Acres ⁽³⁾	% of Total Estuarine Habitat Acres in Segment ⁽⁴⁾	% of Total Estuarine Habitat Acres in PBC ⁽⁵⁾
North ICW	Patchy SAV (1)	9113	21.69	0.95	0.19
	Continuous SAV (1)	9116	227.92	9.94	2.01
	Algae beds	9121	0.27	0.01	0.00
	Tidal flats	6510	197.11	8.60	1.74
	Unvegetated Bottom	5400	1580.36	68.92	13.97
	Mangrove	6120	265.68	11.59	2.35
	Oyster Bar/Reef	6540	0.00	0.00	0.00
	Cordgrass (Spartina sp.)	6421	0.00	0.00	0.00
Subtotal			2293.02	100.00	20.27
North LWL	Patchy SAV (1)	9113	21.15	0.57	0.19
	Continuous SAV (1)	9116	1069.26	28.68	9.45
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	430.31	11.54	3.80
	Unvegetated Bottom	5400	2055.23	55.12	18.17
	Mangrove	6120	152.59	4.09	1.35
	Oyster Bar/Reef	6540	0.35	0.01	0.00
	Cordgrass (Spartina sp.)	6421	0.00	0.00	0.00
Subtotal			3728.88	100.00	32.96
Central LWL	Patchy SAV (1)	9113	20.92	0.96	0.18
	Continuous SAV (1)	9116	183.59	8.45	1.62
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	429.94	19.79	3.80
	Unvegetated Bottom	5400	1474.18	67.87	13.03
	Mangrove	6120	58.19	2.68	0.51
	Oyster Bar/Reef	6540	3.85	0.18	0.03
	Cordgrass (Spartina sp.)	6421	1.35	0.06	0.01
Subtotal			2172.02	100.00	19.20
South LWL	Patchy SAV (1)	9113	10.36	0.56	0.09
	Continuous SAV (1)	9116	382.91	20.53	3.38
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	226.13	12.12	2.00
	Unvegetated Bottom	5400	1173.29	62.90	10.37
	Mangrove	6120	72.56	3.89	0.64
	Oyster Bar/Reef	6540	0.00	0.00	0.00
	Cordgrass (Spartina sp.)	6421	0.16	0.01	0.00
Subtotal			1865.41	100.00	16.49
South ICW	Patchy SAV (1)	9113	14.31	1.14	0.13
	Continuous SAV (1)	9116	81.17	6.47	0.72
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	29.85	2.38	0.26
	Unvegetated Bottom	5400	967.11	77.12	8.55
	Mangrove	6120	161.58	12.89	1.43
	Oyster Bar/Reef	6540	0.00	0.00	0.00
	Cordgrass (Spartina sp.)	6421	0.00	0.00	0.00
Subtotal			1254.01	100.00	11.08
PBC (all segments)	Patchy SAV (1)	9113	88.43	0.78	0.78
	Continuous SAV (1)	9116	1944.84	17.19	17.19
	Algae beds	9121	0.27	0.00	0.00
	Tidal flats	6510	1313.33	11.61	11.61
	Unvegetated Bottom	5400	7250.17	64.09	64.09
	Mangrove	6120	710.60	6.28	6.28
	Oyster Bar/Reef	6540	4.20	0.04	0.04
	Cordgrass (Spartina sp.)	6421	1.51	0.01	0.01
Total Estuarine Habitat			11,313.35	100.00	100.00
Total Not Classified Area		0	163,090.66		
Total PBC Project Area			174,404.01		

Footnotes:

1. SAV: Submerged Aquatic Vegetation (Seagrass).
2. FLUCCS: Florida Land Use, Cover and Forms Classification System
3. Total Acres from GIS shapefile
4. % of Total Estuarine Habitat Acres in Segment excluding Not Classified
5. % of Total Estuarine Habitat Acres in Palm Beach County excluding Not Classified

**Table 2b. Lake Worth Lagoon Habitat
Based on 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽²⁾	Total Acres ⁽³⁾	% of Total Estuarine Habitat Acres in Segment ⁽⁴⁾	% of Total Estuarine Habitat Acres in LWL ⁽⁵⁾
North LWL	Patchy SAV (1)	9113	21.15	0.57	0.27
	Continous SAV (1)	9116	1069.26	28.68	13.77
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	430.31	11.54	5.54
	Unvegetated Bottom	5400	2055.23	55.12	26.46
	Mangrove	6120	152.59	4.09	1.96
	Oyster Bar/Reef	6540	0.35	0.01	0.00
	Cordgrass (Spartina sp.)	6421	0.00	0.00	0.00
Subtotal			3728.88	100.00	48.01
Central LWL	Patchy SAV (1)	9113	20.92	0.96	0.27
	Continous SAV (1)	9116	183.59	8.45	2.36
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	429.94	19.79	5.54
	Unvegetated Bottom	5400	1474.18	67.87	18.98
	Mangrove	6120	58.19	2.68	0.75
	Oyster Bar/Reef	6540	3.85	0.18	0.05
	Cordgrass (Spartina sp.)	6421	1.35	0.06	0.02
Subtotal			2172.02	100.00	27.97
South LWL	Patchy SAV (1)	9113	10.36	0.56	0.13
	Continous SAV (1)	9116	382.91	20.53	4.93
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	226.13	12.12	2.91
	Unvegetated Bottom	5400	1173.29	62.90	15.11
	Mangrove	6120	72.56	3.89	0.93
	Oyster Bar/Reef	6540	0.00	0.00	0.00
	Cordgrass (Spartina sp.)	6421	0.16	0.01	0.00
Subtotal			1865.41	100.00	24.02
LWL (all segments)	Patchy SAV (1)	9113	52.43	0.68	0.68
	Continous SAV (1)	9116	1635.76	21.06	21.06
	Algae beds	9121	0.00	0.00	0.00
	Tidal flats	6510	1086.38	13.99	13.99
	Unvegetated Bottom	5400	4702.70	60.55	60.55
	Mangrove	6120	283.34	3.65	3.65
	Oyster Bar/Reef	6540	4.20	0.05	0.05
	Cordgrass (Spartina sp.)	6421	1.51	0.02	0.02
TOTAL LWL Estuarine Habitat			7,766.31	100.00	100.00
Total Not Classified Area		0	74,712.48		
Total LWL Project Area			82,478.80		

Footnotes:

1. SAV: Submerged Aquatic Vegetation (Seagrass).
2. FLUCCS: Florida Land Use, Cover and Forms Classification System
3. Total Acres from GIS shapefile
4. % of Total Estuarine Habitat Acres in Segment excluding Not Classified
5. % of Total Estuarine Habitat Acres in Lake Worth Lagoon

**Table 3a. Palm Beach County Submerged Habitat Change
Based on 2001 and 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽²⁾	2001 Total Acres ⁽³⁾	2007 Total Acres ⁽³⁾	Total Acres Difference 2001-2007	2001 % of Total Acres in PBC ⁽⁴⁾	2007 % of Total Acres in PBC ⁽⁴⁾	% Change between 2001 -2007
North ICW	Patchy SAV (1)	9113	19.17	21.69	2.52	0.18	0.20	13.16
	Continuous SAV (1)	9116	232.00	227.92	-4.09	2.18	2.15	-1.76
	Algae beds	9121	3.48	0.27	-3.21	0.03	0.00	-92.32
	Tidal flats	6510	143.15	197.11	53.96	1.35	1.86	37.69
	Unvegetated Bottom	5400	1638.92	1580.36	-58.55	15.43	14.91	-3.57
Subtotal			2036.72	2027.34	-9.4	19.2	19.1	-0.46
North LWL	Patchy SAV (1)	9113	12.97	21.15	8.17	0.12	0.20	63.01
	Continuous SAV (1)	9116	1135.61	1069.26	-66.35	10.69	10.09	-5.84
	Algae beds	9121	1.21	0.00	-1.21	0.01	0.00	-100.00
	Tidal flats	6510	361.46	430.31	68.85	3.40	4.06	19.05
	Unvegetated Bottom	5400	2063.38	2055.23	-8.15	19.42	19.39	-0.39
Subtotal			3574.63	3575.94	1.3	33.6	33.7	0.04
Central LWL	Patchy SAV (1)	9113	0.72	20.92	20.20	0.01	0.20	2810.13
	Continuous SAV (1)	9116	194.62	183.59	-11.03	1.83	1.73	-5.67
	Algae beds	9121	0.00	0.00	0.00	0.00	0.00	0.00
	Tidal flats	6510	461.16	429.94	-31.21	4.34	4.06	-6.77
	Unvegetated Bottom	5400	1472.63	1474.18	1.54	13.86	13.91	0.10
Subtotal			2129.13	2108.63	-20.5	20.0	19.9	-0.96
South LWL	Patchy SAV (1)	9113	0.28	10.36	10.09	0.00	0.10	3651.92
	Continuous SAV (1)	9116	302.17	382.91	80.73	2.84	3.61	26.72
	Algae beds	9121	0.00	0.00	0.00	0.00	0.00	0.00
	Tidal flats	6510	334.01	226.13	-107.87	3.14	2.13	-32.30
	Unvegetated Bottom	5400	1155.93	1173.29	17.36	10.88	11.07	1.50
Subtotal			1792.38	1792.69	0.3	16.9	16.9	0.02
South ICW	Patchy SAV (1)	9113	16.44	14.31	-2.13	0.15	0.14	-12.94
	Continuous SAV (1)	9116	57.48	81.17	23.68	0.54	0.77	41.20
	Algae beds	9121	0.00	0.00	0.00	0.00	0.00	0.00
	Tidal flats	6510	37.03	29.85	-7.18	0.35	0.28	-19.40
	Unvegetated Bottom	5400	980.25	967.11	-13.15	9.23	9.13	-1.34
Subtotal			1091.20	1092.43	1.2	10.3	10.3	0.11
PBC all segments	Patchy SAV (1)	9113	49.58	88.43	38.85	0.47	0.83	78.37
	Continuous SAV (1)	9116	1921.89	1944.84	22.95	18.09	18.35	1.19
	Algae beds	9121	4.69	0.27	-4.42	0.04	0.00	-94.30
	Tidal flats	6510	1336.80	1313.33	-23.46	12.58	12.39	-1.76
	Unvegetated Bottom	5400	7311.11	7250.17	-60.94	68.82	68.42	-0.83
TOTAL PBC Estuarine Habitat			10,624.06	10,597.04	-27.02	100.00	100.00	-0.25
Total Not Classified Area		0	163,779.94	163,806.96				
Total PBC Project Area			174,404.01	174,404.01				

Footnotes:

1. SAV: Submerged Aquatic Vegetation (seagrass).
2. FLUCCS: Florida Land Use, Cover and Forms Classification System
3. Total Acres from GIS shapefile
4. % of Total acres within Palm Beach County excluding Not Classified

**Table 3b. Lake Worth Lagoon Submerged Habitat Change
Based on 2001 and 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽²⁾	2001 Total Acres ⁽³⁾	2007 Total Acres ⁽³⁾	Total Acres Difference 2001-2007	2001 % of Total Acres in LWL ⁽⁴⁾	2007 % of Total Acres in LWL ⁽⁴⁾	% Change Between 2001-2007
North LWL	Patchy SAV (1)	9113	12.97	21.15	8.17	0.17	0.28	63.01
	Continous SAV (1)	9116	1135.61	1069.26	-66.35	15.15	14.30	-5.84
	Algae beds	9121	1.21	0.00	-1.21	0.02	0.00	-100.00
	Tidal flats	6510	361.46	430.31	68.85	4.82	5.75	19.05
	Unvegetated Bottom	5400	2063.38	2055.23	-8.15	27.53	27.49	-0.39
Subtotal			3574.63	3575.94	1.3	47.7	47.8	0.04
Central LWL	Patchy SAV (1)	9113	0.72	20.92	20.20	0.01	0.28	2810.13
	Continous SAV (1)	9116	194.62	183.59	-11.03	2.60	2.46	-5.67
	Algae beds	9121	0.00	0.00	0.00	0.00	0.00	0.00
	Tidal flats	6510	461.16	429.94	-31.21	6.15	5.75	-6.77
	Unvegetated Bottom	5400	1472.63	1474.18	1.54	19.65	19.72	0.10
Subtotal			2129.13	2108.63	-20.5	28.4	28.2	0.07
South LWL	Patchy SAV (1)	9113	0.28	10.36	10.09	0.00	0.14	3651.92
	Continous SAV (1)	9116	302.17	382.91	80.73	4.03	5.12	26.72
	Algae beds	9121	0.00	0.00	0.00	0.00	0.00	0.00
	Tidal flats	6510	334.01	226.13	-107.87	4.46	3.02	-32.30
	Unvegetated Bottom	5400	1155.93	1173.29	17.36	15.42	15.69	1.50
Subtotal			1792.38	1792.69	0.3	23.9	24.0	0.07
LWL all segments	Patchy SAV (1)	9113	13.97	52.43	38.46	0.19	0.70	275.33
	Continous SAV (1)	9116	1632.41	1635.76	3.35	21.78	21.88	0.21
	Algae beds	9121	1.21	0.00	-1.21	0.02	0.00	-100.00
	Tidal flats	6510	1156.62	1086.38	-70.24	15.43	14.53	-6.07
	Unvegetated Bottom	5400	4691.94	4702.70	10.76	62.59	62.89	0.23
TOTAL LWL Estuarine Habitat			7,496.14	7,477.27	-18.88	100.00	100.00	0.07
Total Not Classified Area		0	74,982.65	75,001.53				
Total LWL Project Area			82,478.80	82,478.80				

Footnotes:

1. SAV: Submerged Aquatic Vegetation (seagrass).
2. FLUCCS: Florida Land Use, Cover and Forms Classification System
3. Total Acres from GIS shapefile
4. % of Total acres within Palm Beach County excluding Not Classified

**Table 4a. Palm Beach County 2007 Mangrove Change
Based on 1985, 2001 and 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽¹⁾	1985 Mangrove Acres ⁽²⁾	2001 Mangrove Acres ⁽²⁾	2007 Mangrove Acres ⁽²⁾	Mangrove Acres Difference 1985-2001	Mangrove Acres Difference 1985-2007	Mangrove Acres Difference 2001-2007	1985 % of Total Mangroves in PBC ⁽³⁾	2001 % of Total Mangroves in PBC ⁽³⁾	2007 % of Total Mangroves in PBC ⁽³⁾	% Change Between 1985-2001 ⁽⁴⁾	% Change Between 1985-2007 ⁽⁴⁾	% Change Between 2001-2007 ⁽⁴⁾
North ICW	Mangrove	6120	231.45	243.08	265.68	11.62	34.22	22.60	36.66	37.15	37.39	5.02	14.79	9.30
North LWL	Mangrove	6120	119.42	134.29	152.59	14.88	33.17	18.30	18.92	20.53	21.47	12.46	27.78	13.63
Central LWL	Mangrove	6120	52.37	56.30	58.19	3.93	5.81	1.89	8.30	8.61	8.19	7.50	11.10	3.35
South LWL	Mangrove	6120	76.23	73.32	72.56	-2.91	-3.67	-0.76	12.07	11.21	10.21	-3.82	-4.81	-1.04
South ICW	Mangrove	6120	151.85	147.24	161.58	-4.61	9.73	14.34	24.05	22.51	22.74	-3.03	6.41	9.74
PBC all segments	Mangrove	6120	631.32	654.23	710.60	22.91	79.27	56.37	100.00	100.00	100.00	3.63	12.56	8.62

Footnotes:

1. FLUCCS: Florida Land Use, Cover and Forms Classification System
2. Total Acres from GIS shapefile
3. % Total Acres within PBC
4. % Change within PBC

**Table 4b. Lake Worth Lagoon 2007 Mangrove Change
Based on 1985, 2001 and 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽¹⁾	1985 Mangrove Acres ⁽²⁾	2001 Mangrove Acres ⁽²⁾	2007 Mangrove Acres ⁽²⁾	Mangrove Acres Difference 1985-2001	Mangrove Acres Difference 1985-2007	Mangrove Acres Difference 2001-2007	1985 % of Total Mangroves in LWL ⁽³⁾	2001 % of Total Mangroves in LWL ⁽³⁾	2007 % of Total Mangroves in LWL ⁽³⁾	% Change Between 1985-2001 ⁽⁴⁾	% Change Between 1985-2007 ⁽⁴⁾	% Change Between 2001-2007 ⁽⁴⁾
North LWL	Mangrove	6120	119.42	134.29	152.59	14.88	33.17	18.30	48.15	50.89	53.86	12.46	27.78	13.63
Central LWL	Mangrove	6120	52.37	56.30	58.19	3.93	5.81	1.89	21.12	21.33	20.54	7.50	11.10	3.35
South LWL	Mangrove	6120	76.23	73.32	72.56	-2.91	-3.67	-0.76	30.74	27.78	25.61	-3.82	-4.81	-1.04
LWL all segments	Mangrove	6120	248.02	263.91	283.34	15.89	35.32	19.42	100.00	100.00	100.00	6.41	14.24	7.36

Footnotes:

1. FLUCCS: Florida Land Use, Cover and Forms Classification System
2. Total Acres from GIS shapefile
3. % Total Acres within LWL
4. % Total Change within Lake Worth Lagoon

**Table 5a. Palm Beach County Oyster Reef Habitat
Based on 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code (1)	Total Acres (2)	% of Total Oysters in PBC (3)
North ICW	Oyster Bar/Reef	6540	0.00	0.00
North LWL	Oyster Bar/Reef	6540	0.35	8.29
Central LWL	Oyster Bar/Reef	6540	3.85	91.71
South LWL	Oyster Bar/Reef	6540	0.00	0.00
South ICW	Oyster Bar/Reef	6540	0.00	0.00
PBC all segments	Oyster Bar/Reef	6540	4.20	100.0

Footnotes:

1. FLUCCS: Florida Land Use, Cover and Forms Classification System
2. Total Acres from GIS shapefile.
3. % Total Acres within PBC

**Table 5b. Lake Worth Lagoon Oyster Reef Habitat
Based on 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code (1)	Total Acres (2)	% of Total Oysters in LWL (3)
North LWL	Oyster Bar/Reef	6540	0.35	8.29
Central LWL	Oyster Bar/Reef	6540	3.85	91.71
South LWL	Oyster Bar/Reef	6540	0.00	0.00
LWL all segments	Oyster Bar/Reef	6540	4.20	100.0

Footnotes:

- 1. FLUCCS: Florida Land Use, Cover and Forms Classification System**
- 2. Total Acres from GIS shapefile.**
- 3. % Total Acres within Lake Worth Lagoon**

**Table 6a. Palm Beach County Cordgrass (*Spartina* sp.) Habitat
Based on 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽¹⁾	Total Acres ⁽²⁾	% of Total Oysters in PBC ⁽³⁾
North ICW	Cordgrass (<i>Spartina</i> sp.)	6421	0.00	0.00
North LWL	Cordgrass (<i>Spartina</i> sp.)	6421	0.00	0.00
Central LWL	Cordgrass (<i>Spartina</i> sp.)	6421	1.35	89.43
South LWL	Cordgrass (<i>Spartina</i> sp.)	6421	0.16	10.57
South ICW	Cordgrass (<i>Spartina</i> sp.)	6421	0.00	0.00
PBC all segments	Cordgrass (<i>Spartina</i> sp.)	6421	1.51	100.0

Footnotes:

- 1. FLUCCS: Florida Land Use, Cover and Forms Classification System**
- 2. Total Acres from GIS shapefile.**
- 3. % Total Acres within PBC**

**Table 6b. Lake Worth Lagoon Cordgrass (*Spartina* sp.) Habitat
Based on 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽¹⁾	Total Acres ⁽²⁾	% of Total Oysters in LWL ⁽³⁾
North LWL	Cordgrass (<i>Spartina</i> sp.)	6421	0.00	0.00
Central LWL	Cordgrass (<i>Spartina</i> sp.)	6421	1.35	89.43
South LWL	Cordgrass (<i>Spartina</i> sp.)	6421	0.16	10.57
LWL all segments	Cordgrass (<i>Spartina</i> sp.)	6421	1.51	100.0

Footnotes:

1. FLUCCS: Florida Land Use, Cover and Forms Classification System
2. Total Acres from GIS shapefile.
3. % Total Acres within Lake Worth Lagoon

**Table 7a. Palm Beach County Seagrass Habitat Change
Based on 2001 and 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽²⁾	2001 Total Acres ⁽³⁾	2007 Total Acres ⁽³⁾	Total Acres Difference 2001-2007	2001 % of Total Seagrass Acres in PBC ⁽⁴⁾	2007 % of Total Seagrass Acres in PBC ⁽⁴⁾	% Change Between 2001-2007
North ICW	Patchy SAV ⁽¹⁾	9113	19.17	21.69	2.52	0.97	1.07	13.16
	Continuous SAV ⁽¹⁾	9116	232.00	227.92	-4.09	11.77	11.21	-1.76
Subtotal			251.2	249.6	-1.6	12.7	12.3	-0.62
North LWL	Patchy SAV ⁽¹⁾	9113	12.97	21.15	8.17	0.66	1.04	63.01
	Continuous SAV ⁽¹⁾	9116	1135.61	1069.26	-66.35	57.60	52.59	-5.84
Subtotal			1148.6	1090.4	-58.2	58.3	53.6	-5.07
Central LWL	Patchy SAV ⁽¹⁾	9113	0.72	20.92	20.20	0.04	1.03	2810.13
	Continuous SAV ⁽¹⁾	9116	194.62	183.59	-11.03	9.87	9.03	-5.67
Subtotal			195.3	204.5	9.2	9.9	10.1	4.69
South LWL	Patchy SAV ⁽¹⁾	9113	0.28	10.36	10.09	0.01	0.51	3651.92
	Continuous SAV ⁽¹⁾	9116	302.17	382.91	80.73	15.33	18.83	26.72
Subtotal			302.4	393.3	90.8	15.3	19.3	30.03
South ICW	Patchy SAV ⁽¹⁾	9113	16.44	14.31	-2.13	0.83	0.70	-12.94
	Continuous SAV ⁽¹⁾	9116	57.48	81.17	23.68	2.92	3.99	41.20
Subtotal			73.9	95.5	21.6	3.7	4.7	29.16
PBC all segments	Patchy SAV ⁽¹⁾	9113	49.58	88.43	38.85	2.51	4.35	78.37
	Continuous SAV ⁽¹⁾	9116	1921.89	1944.84	22.95	97.49	95.65	1.19
TOTAL PBC			1971.47	2033.27	61.80	100.00	100.00	3.13

Footnotes:

1. SAV: Submerged Aquatic Vegetation (seagrass).
2. FLUCCS: Florida Land Use, Cover and Forms Classification System
3. Total Acres from GIS shapefile
4. % of Total acres within Palm Beach County

**Table 7b. Lake Worth Lagoon Seagrass Habitat Change
Based on 2001 and 2007 Aerial Photography**

Segment	Habitat Type	FLUCCS Code ⁽²⁾	2001 Total Acres ⁽³⁾	2007 Total Acres ⁽³⁾	Total Acres Difference 2001-2007	2001 % of Total Seagrass Acres in LWL ⁽⁴⁾	2007 % of Total Seagrass Acres in LWL ⁽⁴⁾	% Change Between 2001-2007
North LWL	Patchy SAV (1)	9113	12.97	21.15	8.17	0.79	1.25	63.01
	Continuous SAV (1)	9116	1135.61	1069.26	-66.35	68.98	63.34	-5.84
Subtotal			1148.6	1090.4	-58.2	69.8	64.6	-5.07
Central LWL	Patchy SAV (1)	9113	0.72	20.92	20.20	0.04	1.24	2810.13
	Continuous SAV (1)	9116	194.62	183.59	-11.03	11.82	10.88	-5.67
Subtotal			195.3	204.5	9.2	11.9	12.1	4.69
South LWL	Patchy SAV (1)	9113	0.28	10.36	10.09	0.02	0.61	3651.92
	Continuous SAV (1)	9116	302.17	382.91	80.73	18.35	22.68	26.72
Subtotal			302.4	393.3	90.8	18.4	23.3	30.03
LWL all segments	Patchy SAV (1)	9113	13.97	52.43	38.46	0.85	3.11	275.33
	Continuous SAV (1)	9116	1632.41	1635.76	3.35	99.15	96.89	0.21
TOTAL LWL			1646.37	1688.19	41.81	100.00	100.00	2.54

Footnotes:

1. SAV: Submerged Aquatic Vegetation (seagrass).
2. FLUCCS: Florida Land Use, Cover and Forms Classification System
3. Total Acres from GIS shapefile
4. % of Total acres within Lake Worth Lagoon