

APPENDIX C

First Annual Monitoring Vegetation Data
Freshwater Marshes
2006

Manatee 1: Freshwater Marshes

Marsh 1

Date

11/16/2006

Water Depth

15"

Personnel

PT/ER

Scientific Name	Common Name	Percent Cover
Bare ground (open water)		23
<i>Cynodon dactylon</i>	Bermuda grass	5
<i>Cyperus</i> sp.	Flatsedge	2
<i>Eleocharis interstincta</i>	Knotted spikerush	29
<i>Hydrocotyle umbellata</i>	Marshpennywort	1
<i>Ludwigia octovalvis</i>	Mexican primrosewillow	1
<i>Ludwigia repens</i>	Creeping primrosewillow	6
<i>Ludwigia</i> sp.	Ludwigia; water-primrose	1
<i>Luziola fluitans</i>	Southern watergrass	3
<i>Panicum repens</i>	Torpedo grass	4
<i>Polygonum punctatum</i>	Dotted smartweed	1
<i>Pontederia cordata</i>	Pickerelweed	17
<i>Pluchea odorata</i>	Saltmarsh fleabane	1
<i>Sagittaria lancifolia</i>	Bulltongue arrowhead	2
<i>Sagittaria graminea</i>	Grassy arrowhead	1
<i>Scirpus californicus</i>	Giant bulrush	3
Total vegetation		77
Percent nuisance/exotic		9

Manatee 1: Freshwater Marshes

Marsh 3

Date

11/16/2006

Water Depth

14"

Personnel

PT/ER

Scientific Name	Common Name	Percent Cover
Bare ground (open water)		37
<i>Crinum americanum</i>	String-Lily	7
<i>Eleocharis interstincta</i>	Knotted spikerush	11
<i>Hydrocotyle umbellata</i>	Marshpennywort	6
<i>Juncus effusus</i>	Soft rush	1
<i>Ludwigia repens</i>	Creeping primrosewillow	8
<i>Ludwigia</i> sp.	Ludwigia; water-primrose	2
<i>Panicum repens</i>	Torpedo grass	5
<i>Polygonum punctatum</i>	Dotted smartweed	1
<i>Pontederia cordata</i>	Pickerelweed	12
<i>Sagittaria graminea</i>	Grassy arrowhead	6
<i>Sagittaria lancifolia</i>	Bulltongue arrowhead	1
<i>Scirpus californicus</i>	Giant bulrush	2
<i>Thalia geniculata</i>	Fire flag	1
Total vegetation		63
Percent nuisance/exotic		5

Manatee 1: Freshwater Marshes

Marsh 5

Date

11/16/2006

Water Depth

20"

Personnel

PT/ER

Scientific Name	Common Name	Percent Cover
Bare ground (open water)		47
<i>Eleocharis interstincta</i>	Knotted spikerush	7
<i>Hydrocotyle umbellata</i>	Marshpennywort	1
<i>Ludwigia repens</i>	Creeping primrosewillow	20
<i>Panicum repens</i>	Torpedo grass	1
<i>Pontederia cordata</i>	Pickerelweed	10
<i>Sagittaria graminea</i>	Grassy arrowhead	7
<i>Sagittaria lancifolia</i>	Bulltongue arrowhead	2
<i>Scirpus californicus</i>	Giant bulrush	5
Total vegetation		53
Percent nuisance/exotic		1

**Manatee 1: Freshwater Marshes
Marsh 7**

Date
11/16/2006

Water Depth
16"

Personnel
PT/ER

Scientific Name	Common Name	Percent Cover
Bare ground (open water)		68
<i>Cynodon dactylon</i>	Bermuda grass	4
<i>Eleocharis interstincta</i>	Knotted spikerush	6
<i>Ludwigia repens</i>	Creeping primrosewillow	5
<i>Panicum repens</i>	Torpedo grass	3
<i>Pontederia cordata</i>	Pickerelweed	8
<i>Scirpus californicus</i>	Giant bulrush	2
<i>Sagittaria graminea</i>	Grassy arrowhead	1
<i>Sagittaria lancifolia</i>	Bulltongue arrowhead	1
<i>Thalia geniculata</i>	Fire flag	2
Total vegetation		32
Percent nuisance/exotic		7

**Manatee 1: Freshwater Marshes
Marsh 8**

Date
11/16/2006

Water Depth
14"

Personnel
PT/ER

Scientific Name	Common Name	Percent Cover
Bare ground (open water)		26
<i>Alternanthera philoxeroides</i>	Alligator weed	13
<i>Eleocharis interstincta</i>	Knotted spikerush	14
<i>Lemna obscura</i>	Little duckweed	3
<i>Panicum repens</i>	Torpedo grass	3
<i>Pontederia cordata</i>	Pickerelweed	26
<i>Polygonum punctatum</i>	Dotted smartweed	1
<i>Sagittaria lancifolia</i>	Bulltongue arrowhead	2
<i>Scirpus californicus</i>	Giant bulrush	12
Total vegetation		74
Percent nuisance/exotic		16