




STA-1E

2007 Air Photo Classification Emergent Vegetation Coverage

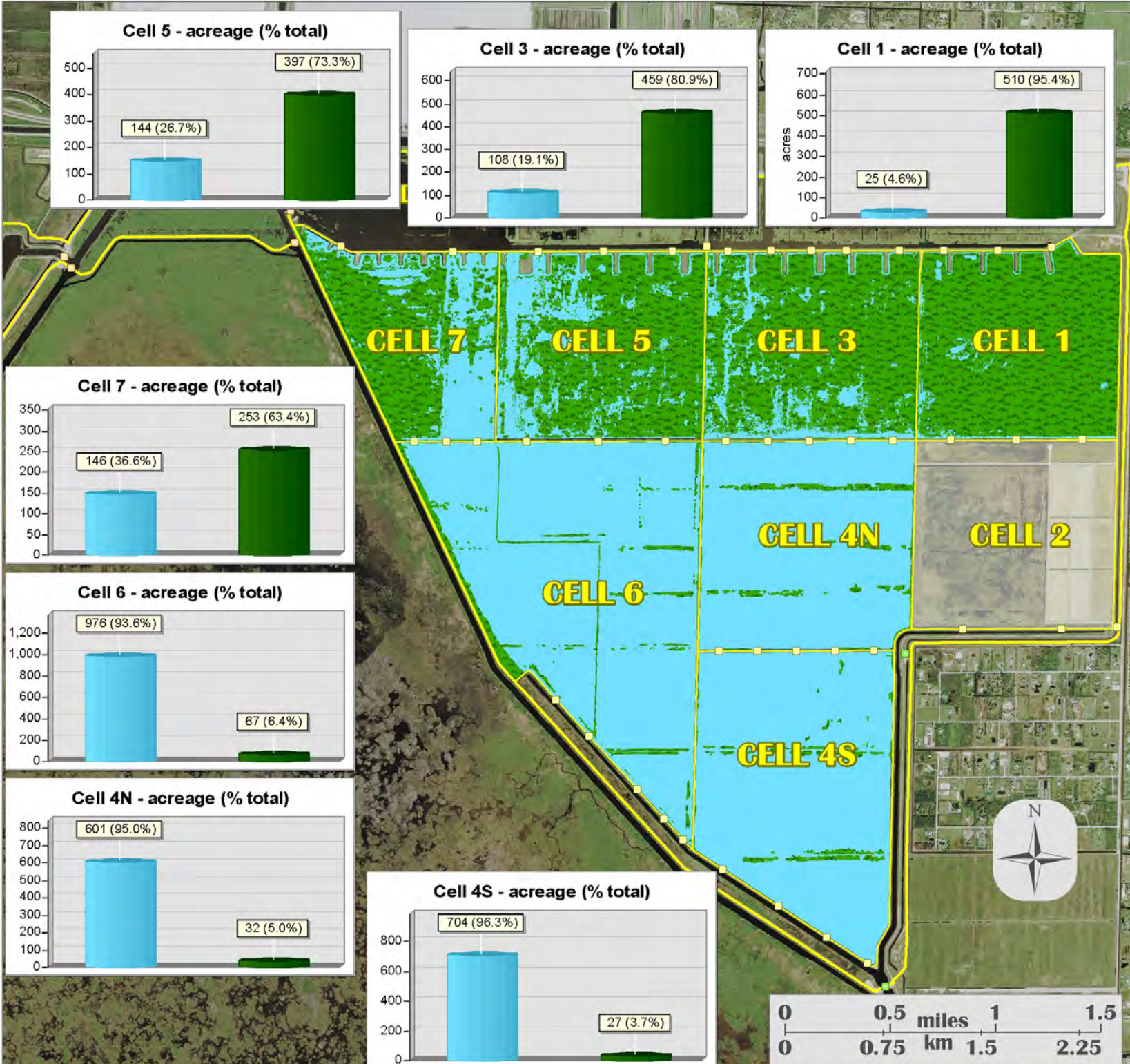
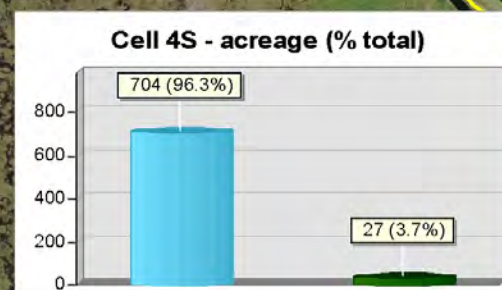
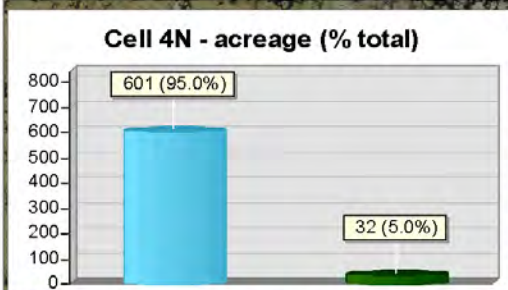
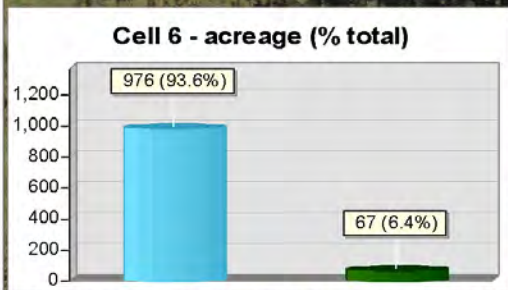
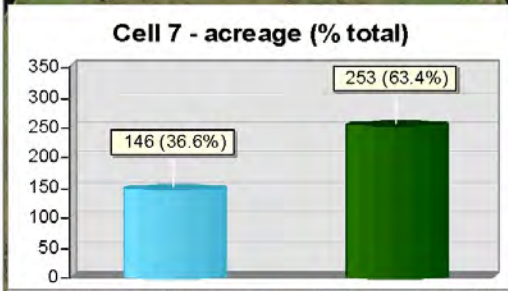
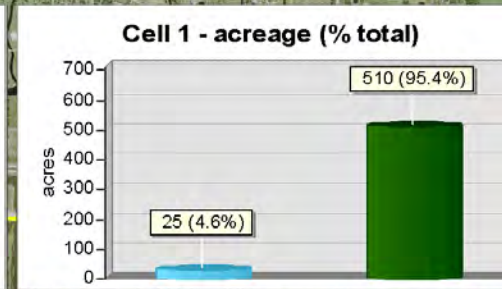
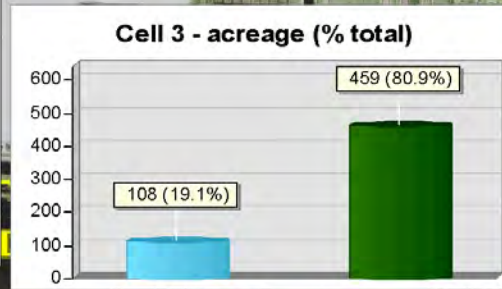
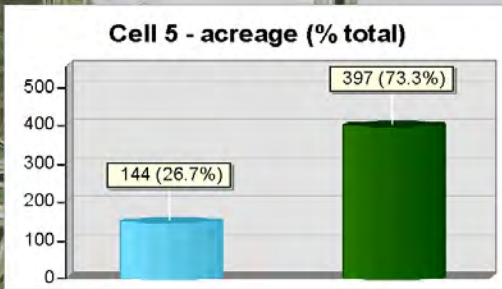
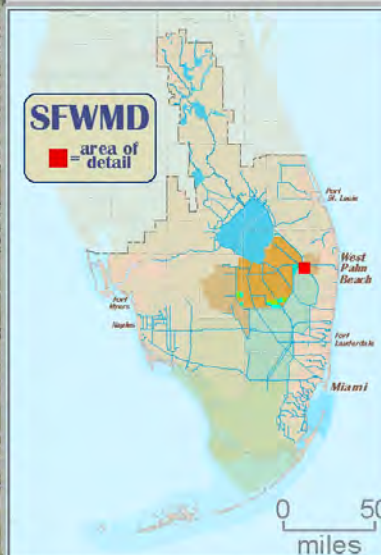
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2007

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography






STA-1E

2008 Air Photo Classification Emergent Vegetation Coverage

-  emergent vegetation
-  open water/SAV


classification imagery - color infrared 1 foot resolution captured in April 2008

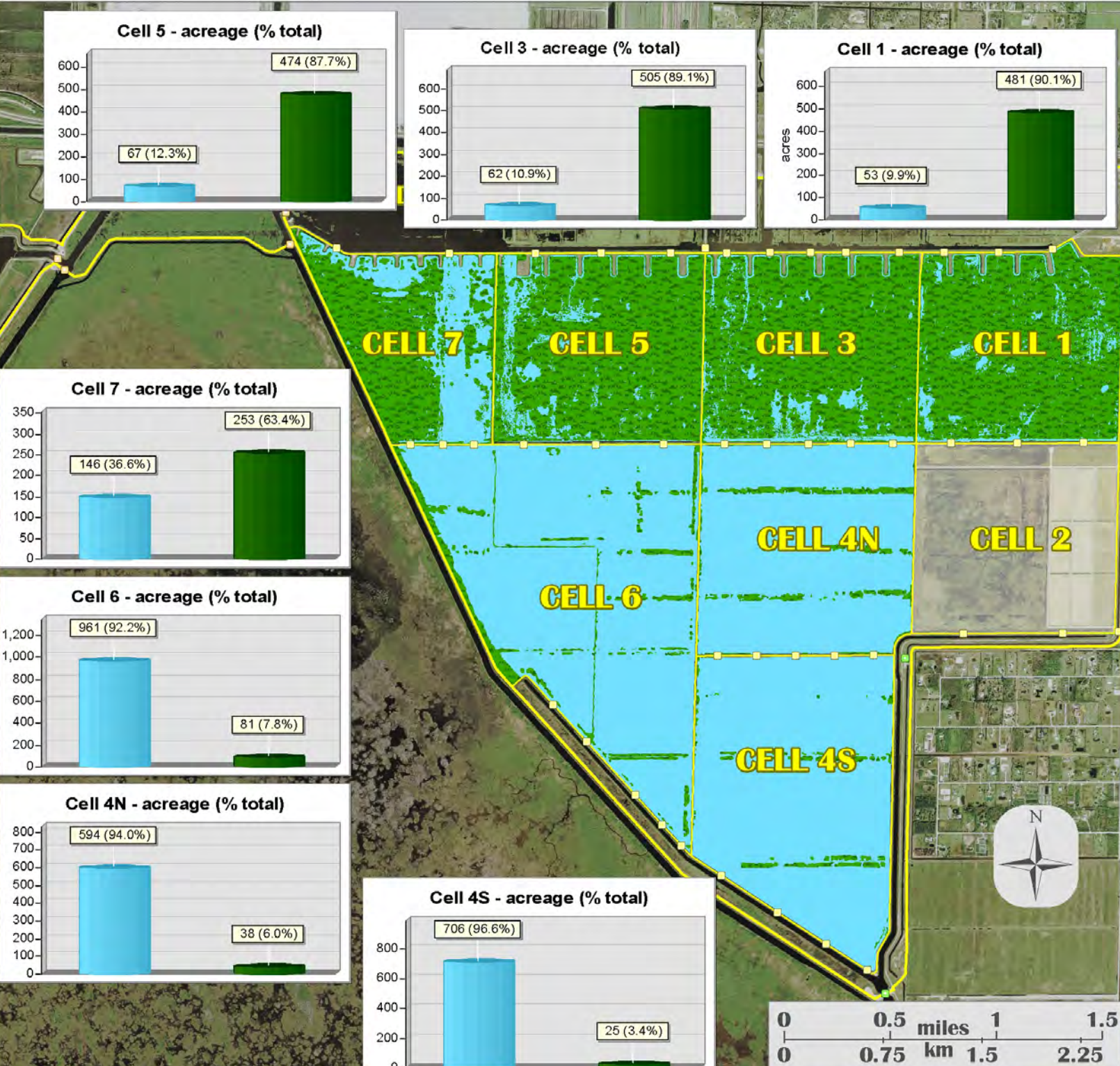
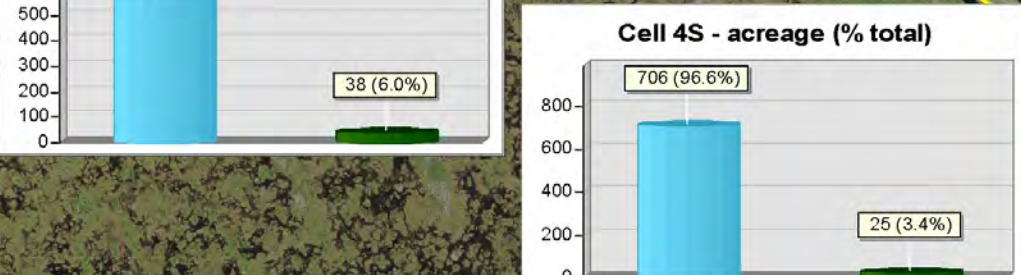
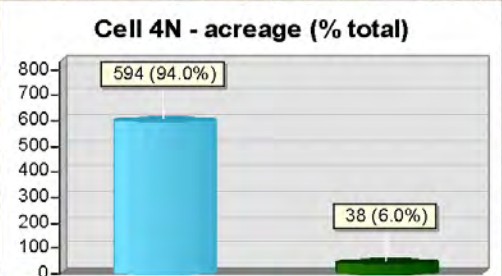
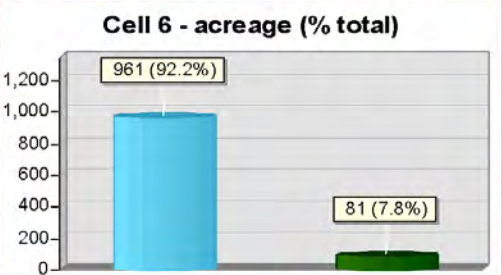
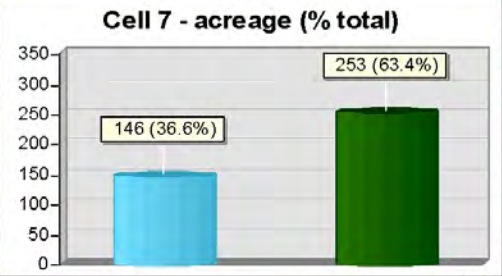
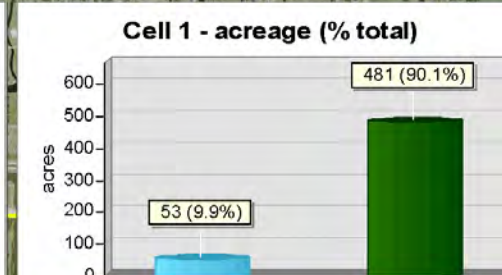
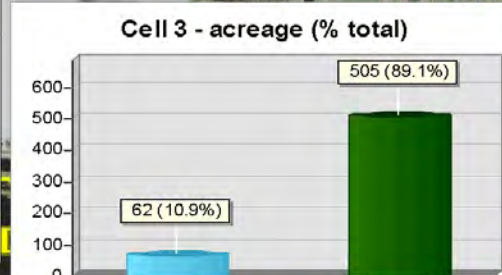
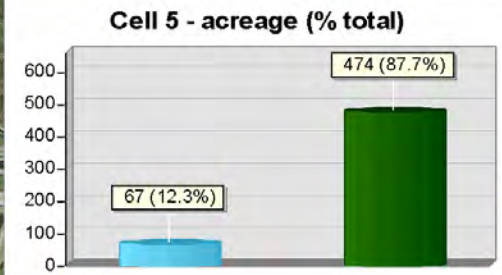
 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography

SFWMD

 area of detail



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STA-1E

2009 Air Photo Classification Emergent Vegetation Coverage

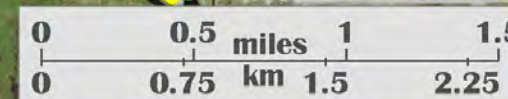
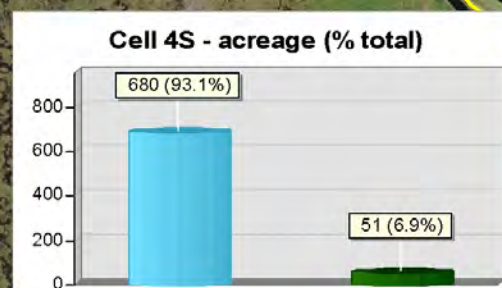
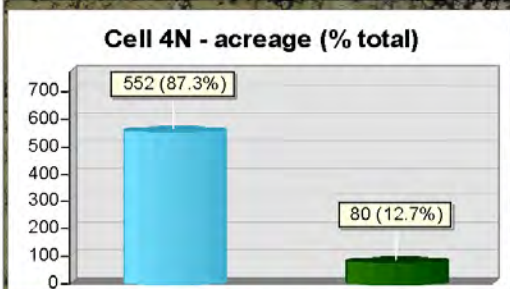
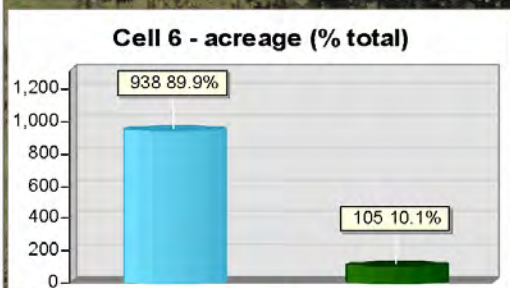
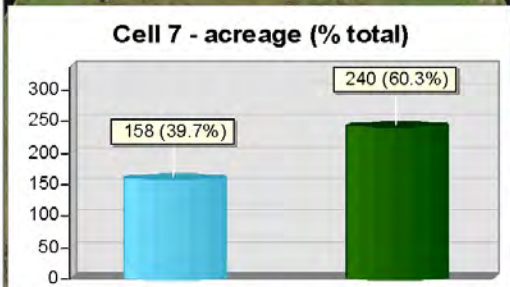
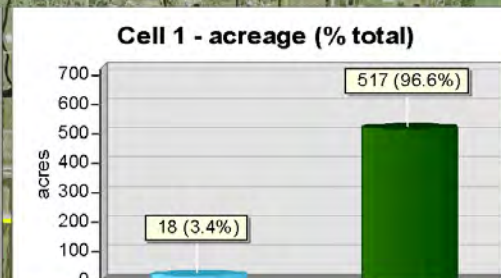
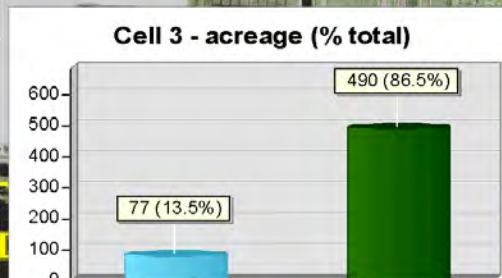
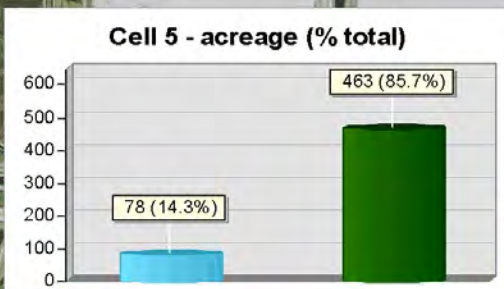
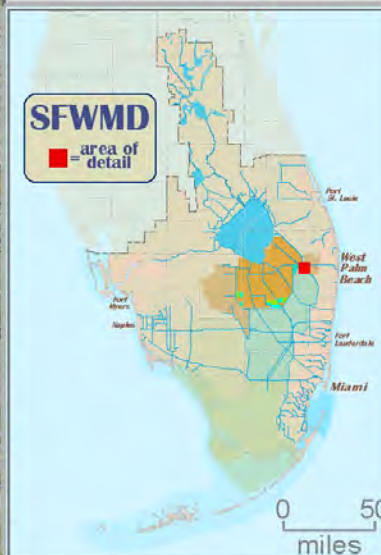
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2009
(RASLIB.STA_2009_CIR_1FT_JPG)

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography









STA-1E

2010 Air Photo Classification Emergent Vegetation Coverage

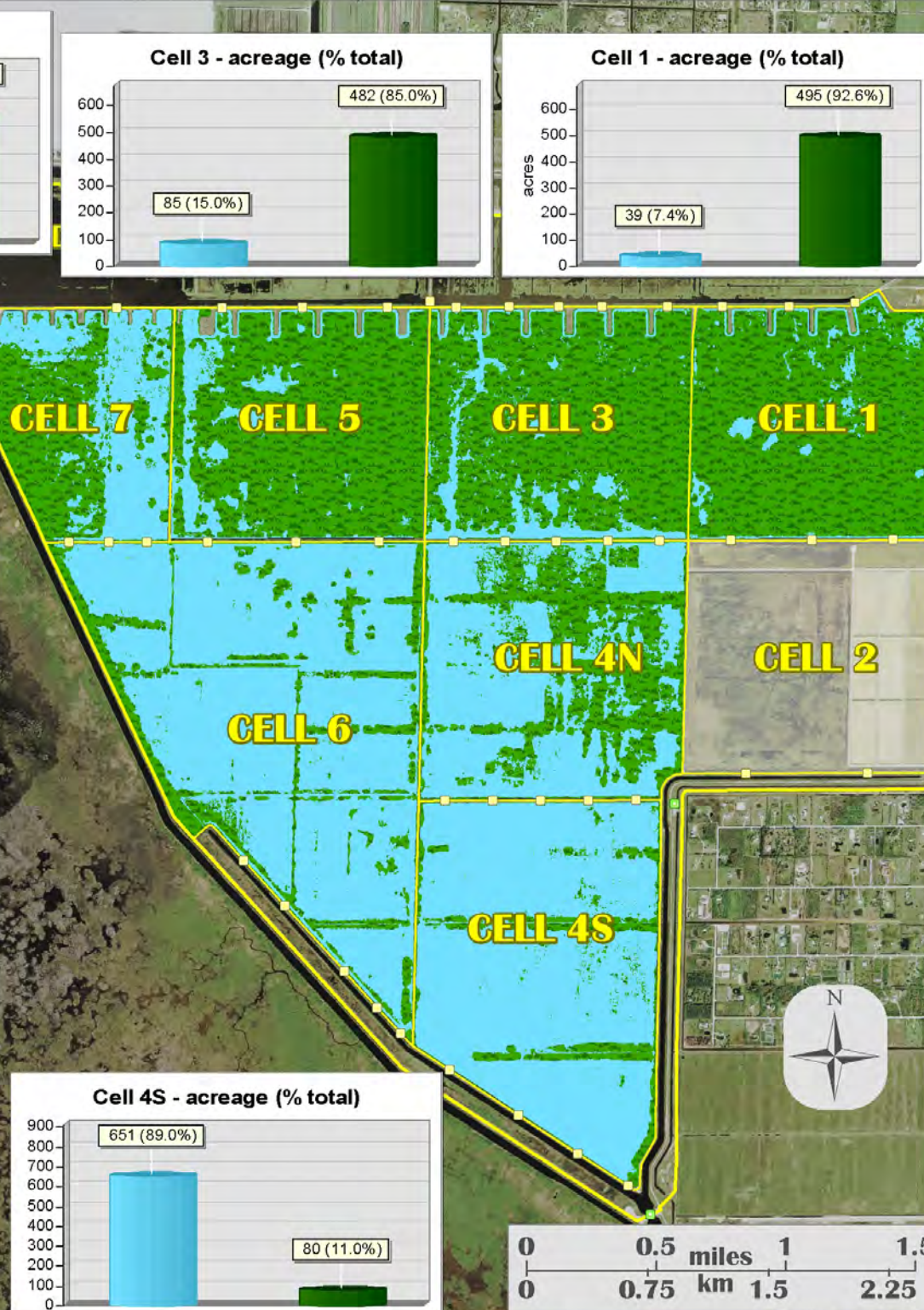
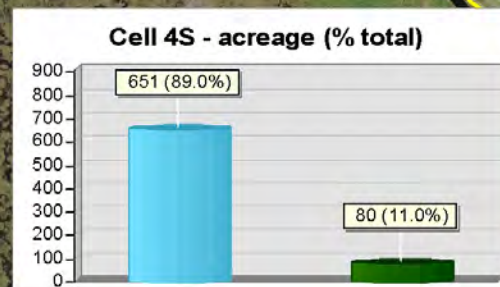
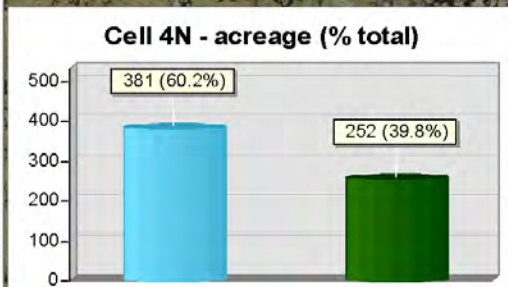
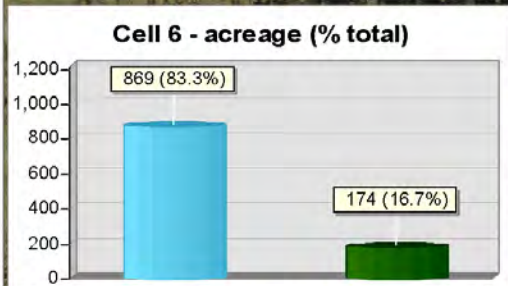
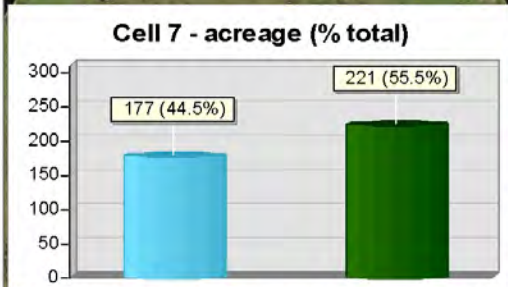
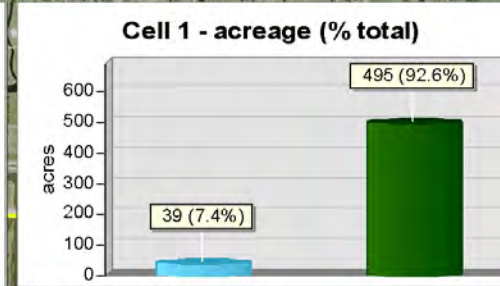
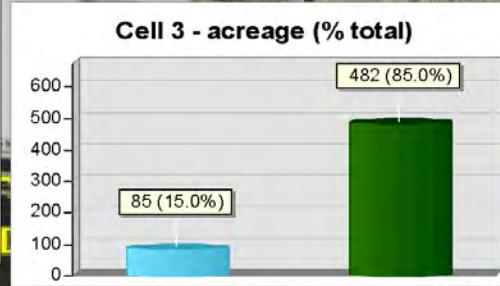
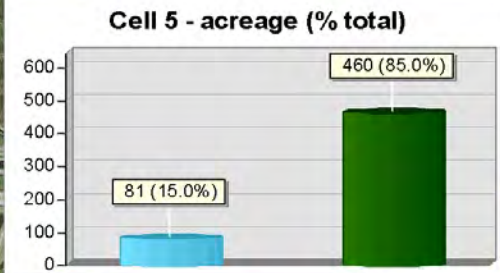
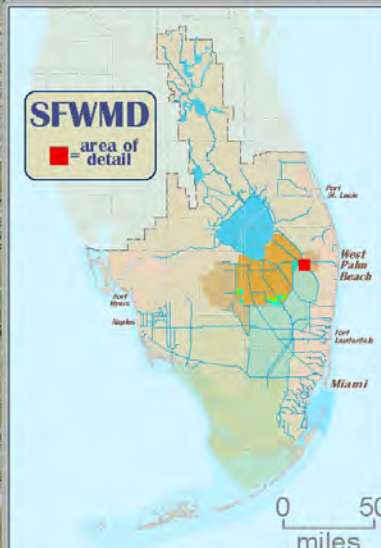
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in May 2010
 (\\gisdata1\raster\image_aerial\sta\STA_2010_CIR_1FT_IP2.lyr)

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography



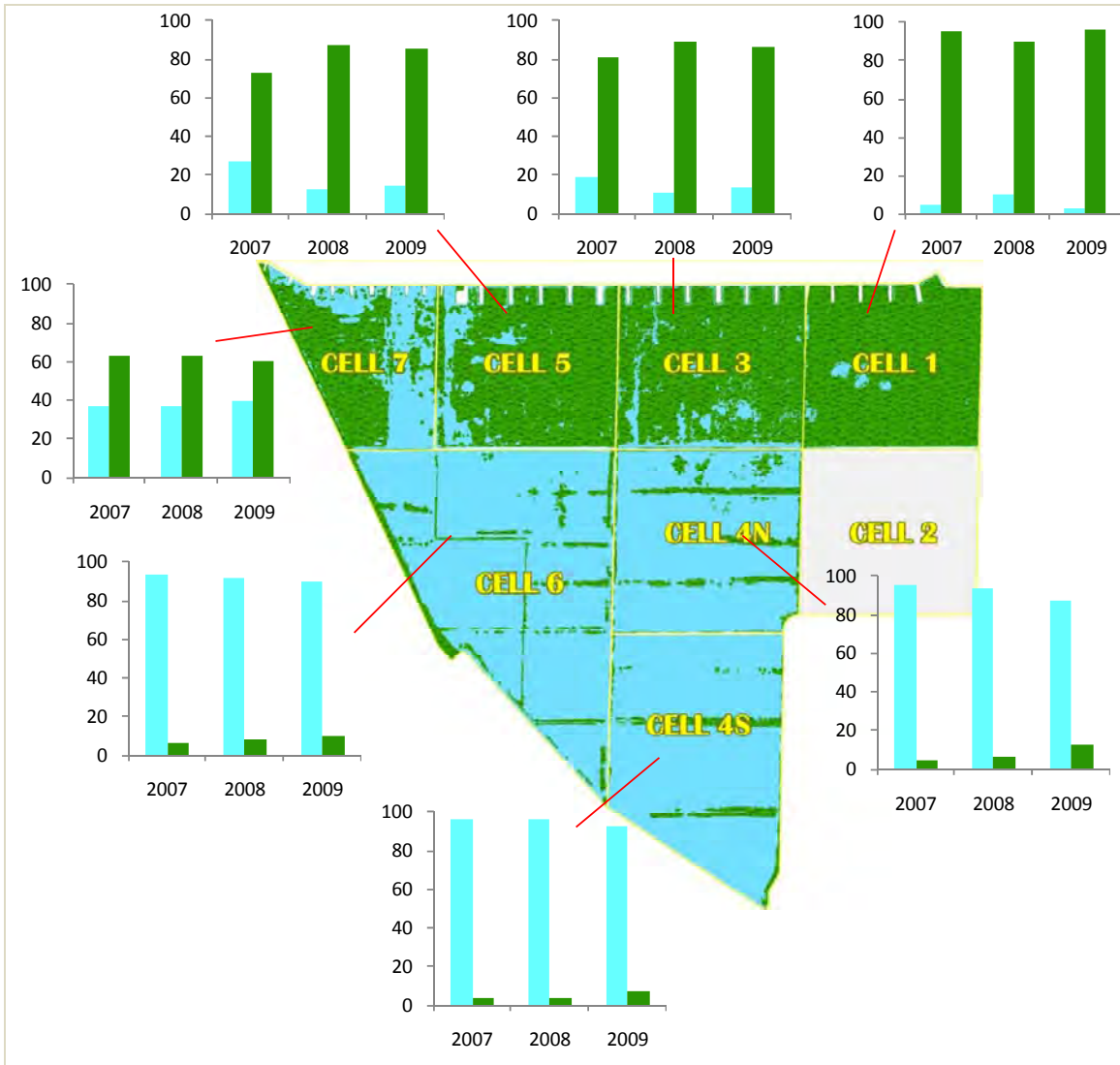


Figure 1. Changes in percent vegetation coverage in Stormwater Treatment Area 1 East (STA-1E) (2007–2009) based on aerial images. Blue bars and map area represent submerged aquatic vegetation (SAV)-open water and green bars and map area represent emergent aquatic vegetation (EAV). The map shows vegetation coverage from the 2009 aerial images. Compiled by the SFWMD.

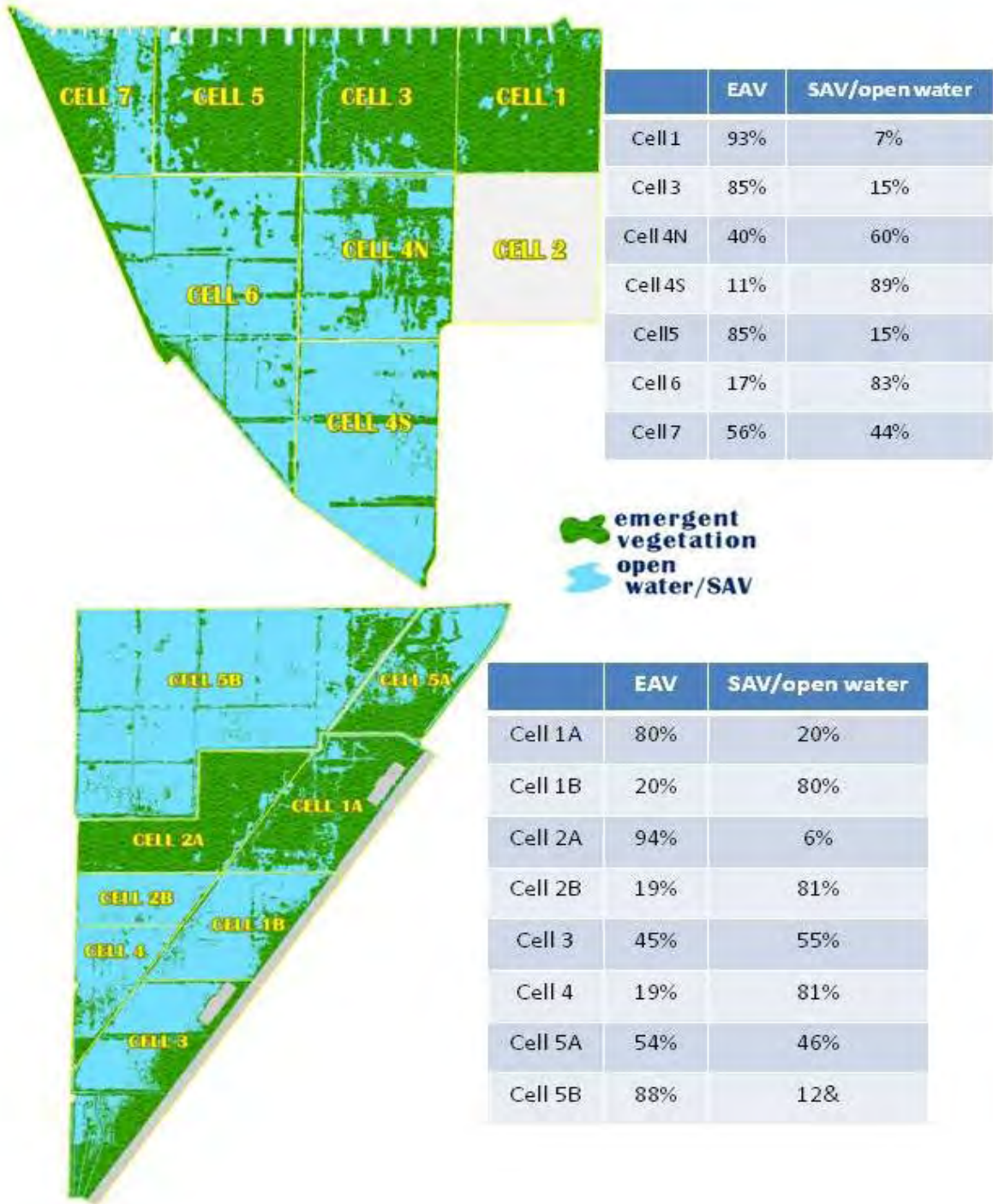
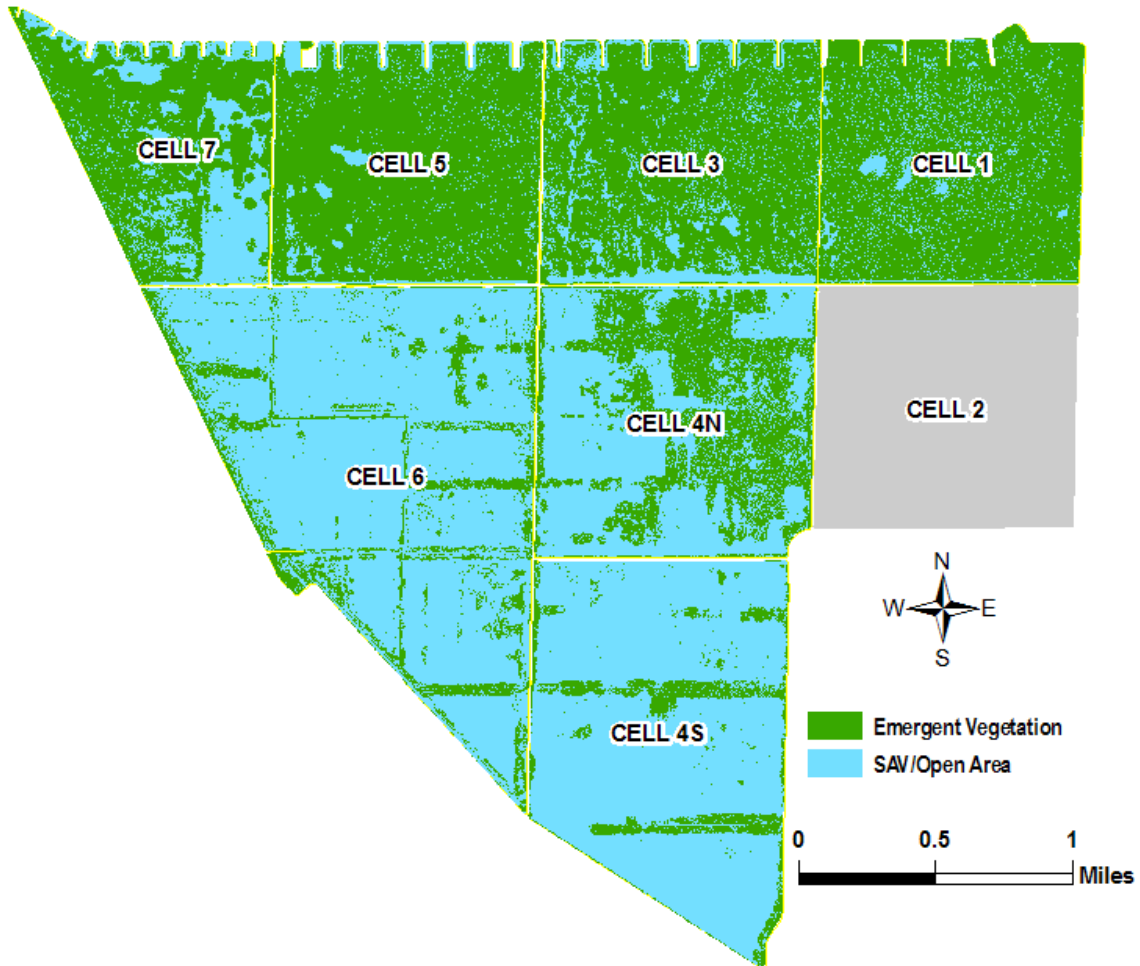


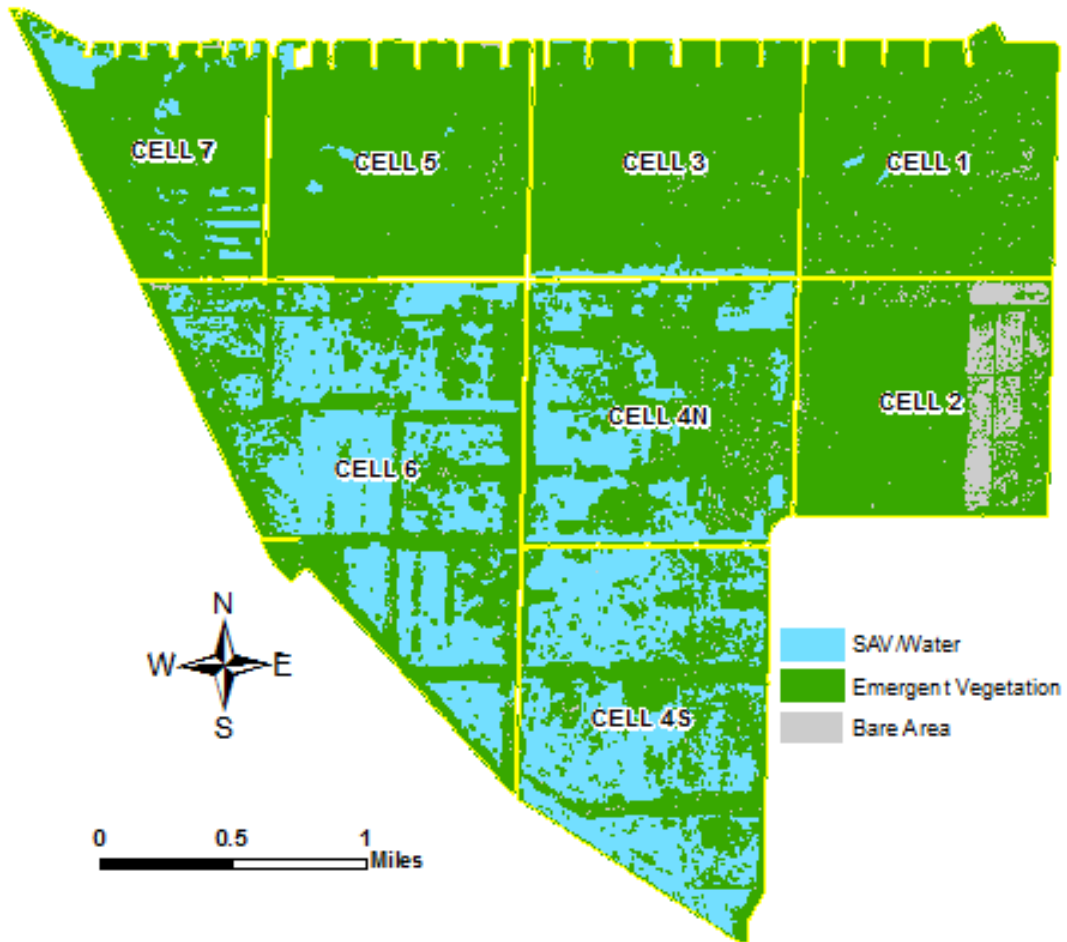
Figure 1. Emergent and submerged aquatic vegetation (EAV and SAV/open water) in STA-1E (upper) and STA-1W (lower) on May 23, 2010.

that were discerned as bare soil (often times less than 1 percent; largest was in STA-1E Cell 2 and STA-3/4 Cell 1B, with 20 and 13 percent of area, respectively) during the time of the aerial flight.

STORMWATER TREATMENT AREA 1 EAST



Cell	Vegetation Type	Estimated Coverage (acres)	Percent Total Coverage	Cell	Vegetation Type	Estimated Coverage (acres)	Percent Total Coverage
Cell 1	SAV/Open area	73	14	Cell 4S	SAV/Open area	653	89
	EAV	466	86		EAV	79	11
Cell 2	SAV/Open area	63	32	Cell 5	SAV/Open area	61	11
	EAV	369	68		EAV	482	89
Cell 3	SAV/Open area	122	21	Cell 6	SAV/Open area	884	86
	EAV	450	79		EAV	149	14
Cell 4N	SAV/Open area	377	59	Cell 7	SAV/Open area	138	35
	EAV	258	41		EAV	260	65








STA-1W

2007 Air Photo Classification Emergent Vegetation Coverage

-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2007

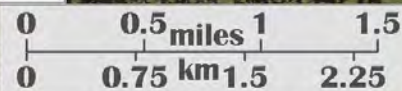
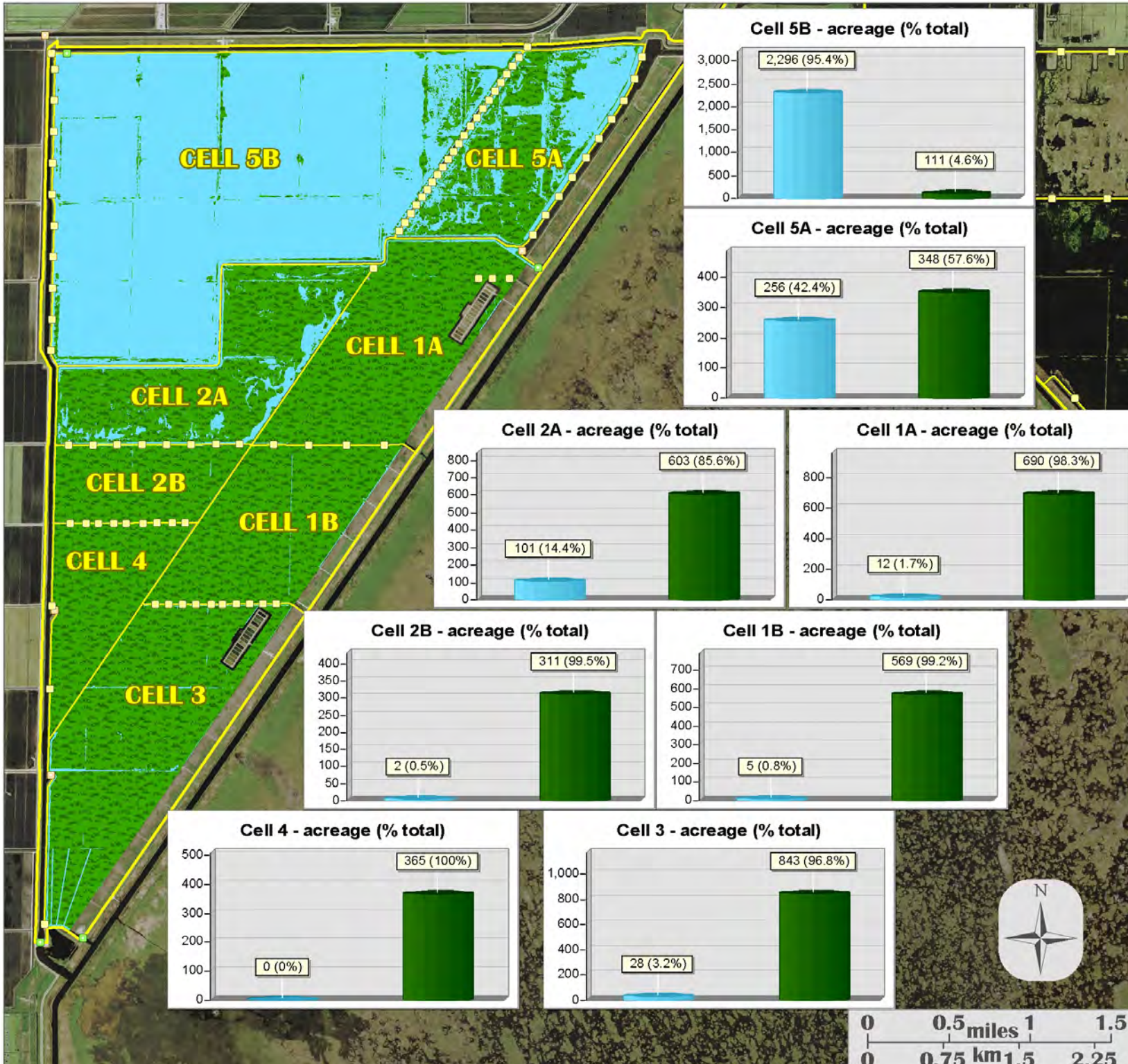
STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography

SFWMD

area of detail





STA-1W

2008 Air Photo Classification Emergent Vegetation Coverage

- emergent vegetation
- open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2008

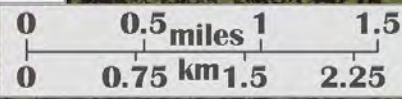
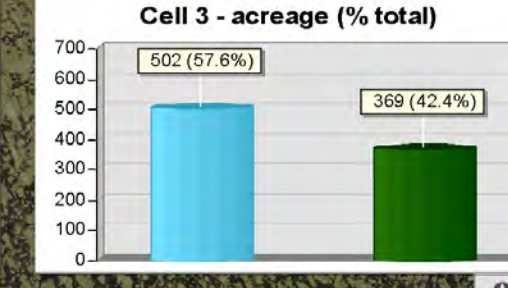
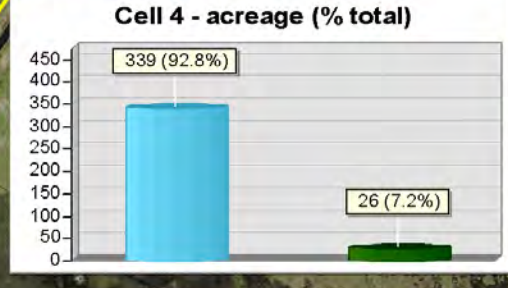
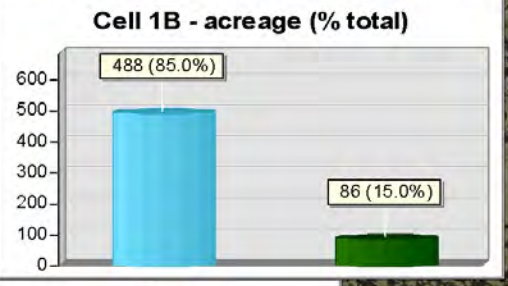
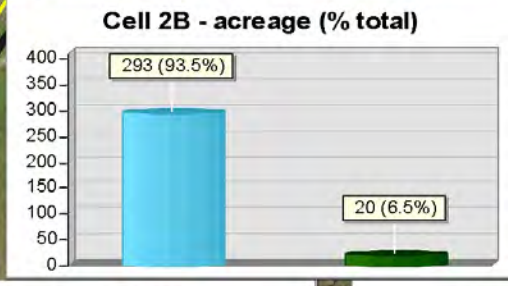
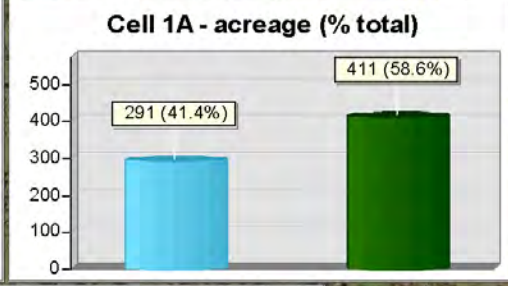
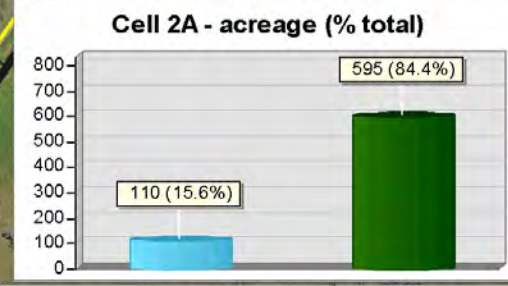
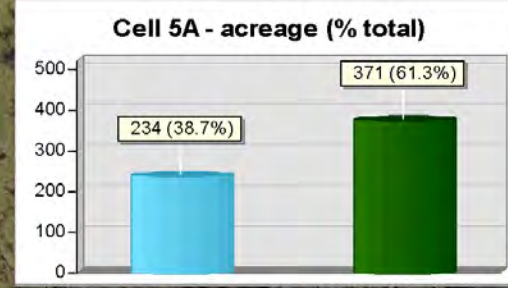
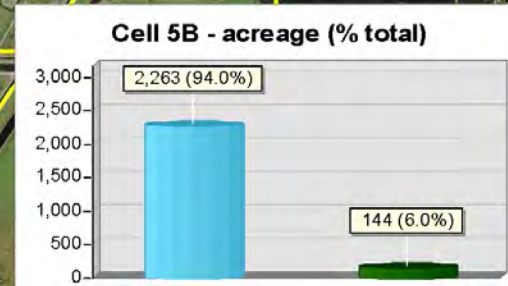
STA/cell boundary

- Culvert
- Spillway
- Pump
- Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography

SFWMD

area of detail





STA-1W

2009 Air Photo Classification Emergent Vegetation Coverage

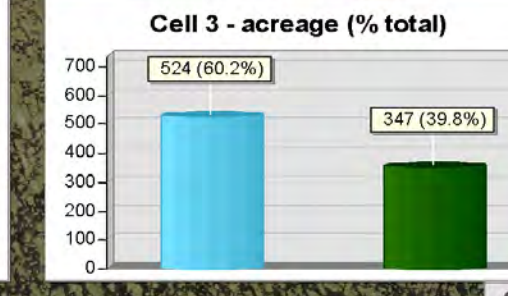
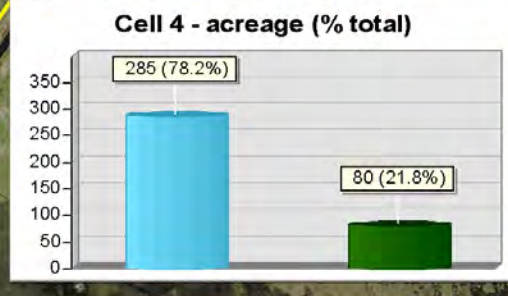
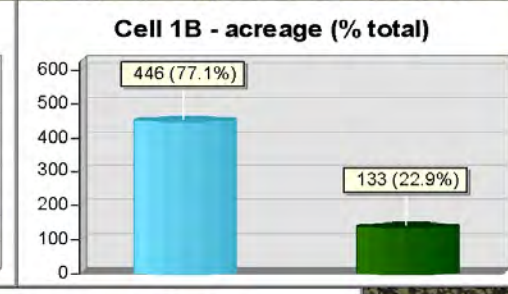
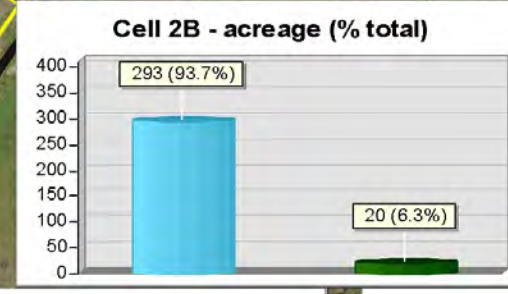
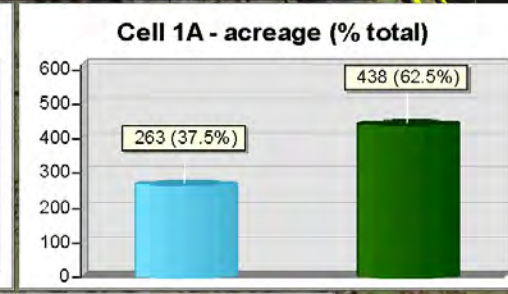
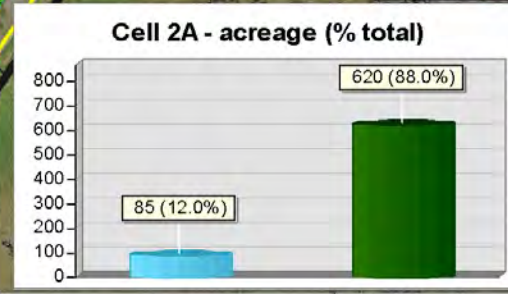
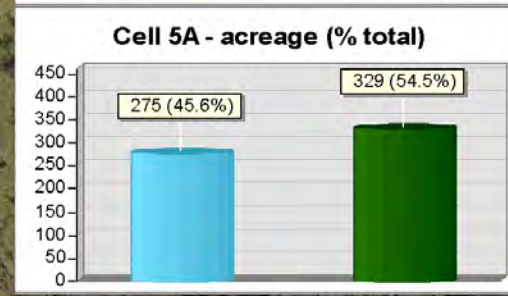
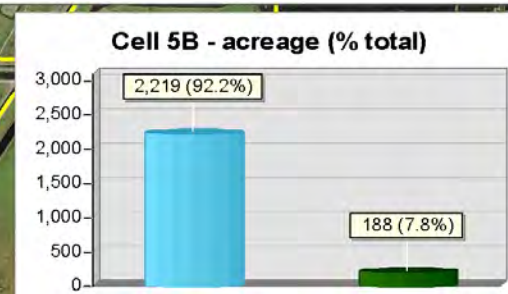
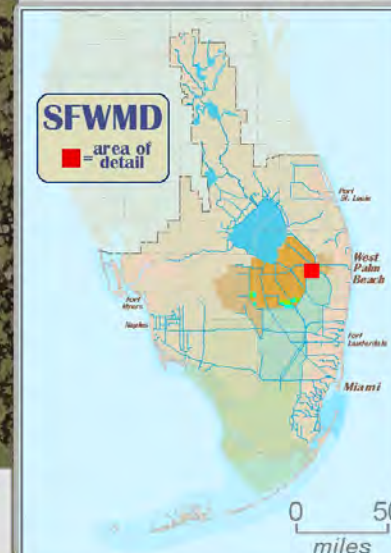
emergent vegetation
 open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2009
(RASLIB.STA_2009_CIR_1FT_JPG)

STA/cell boundary

Culvert Spillway
 Pump Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography





STA-1W

2010 Air Photo Classification Emergent Vegetation Coverage

 emergent
 vegetation
 open
 water/SAV


classification imagery -
 color infrared 1 foot
 resolution captured
 in May 2010
 (\\gisdata1\raster\image_aerial\sta_
 STA_2010_CIR_1FT_IP2.lyr)

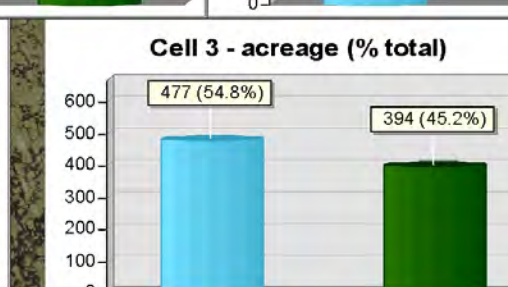
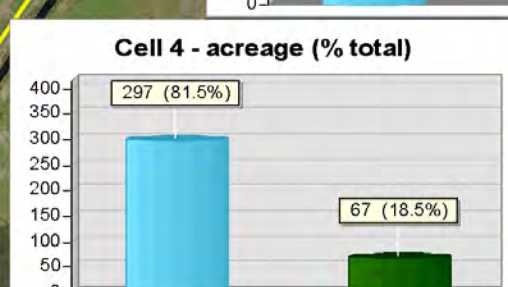
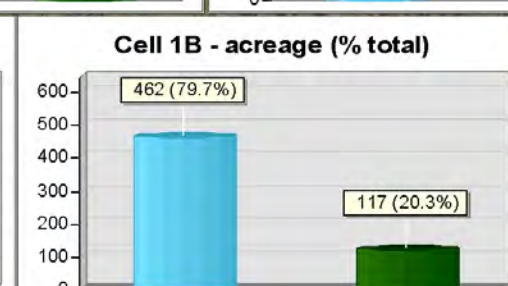
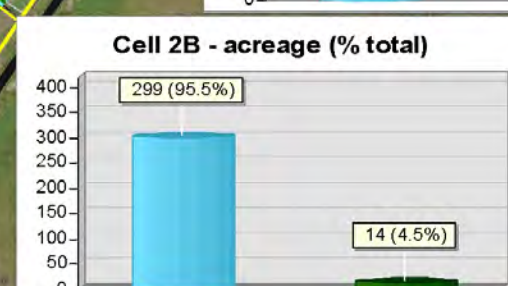
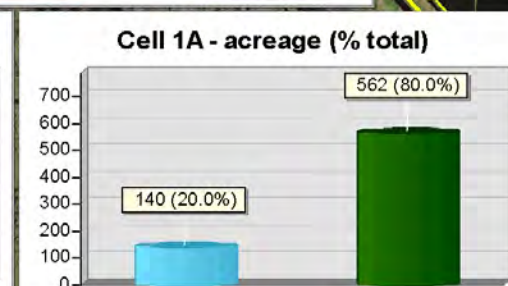
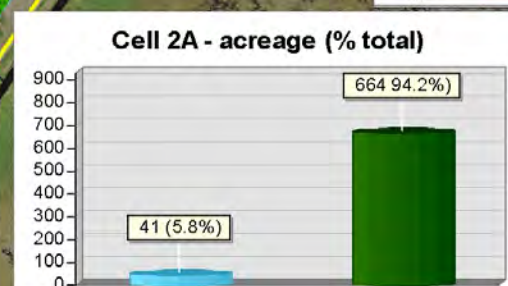
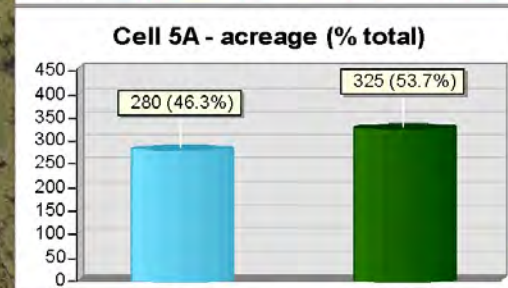
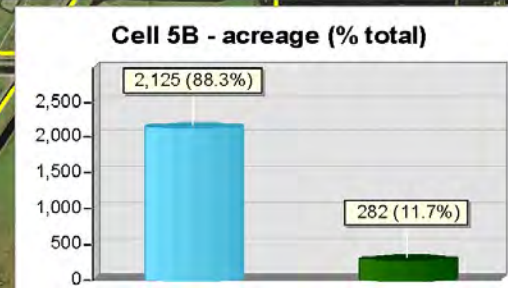
 **STA/cell
 boundary**

 **Culvert**  **Spillway**
 **Pump**  **Weir**

background imagery - 2008 Palm
 Beach County 2-Foot Natural
 Color Aerial Photography

SFWMD

 area of
 detail



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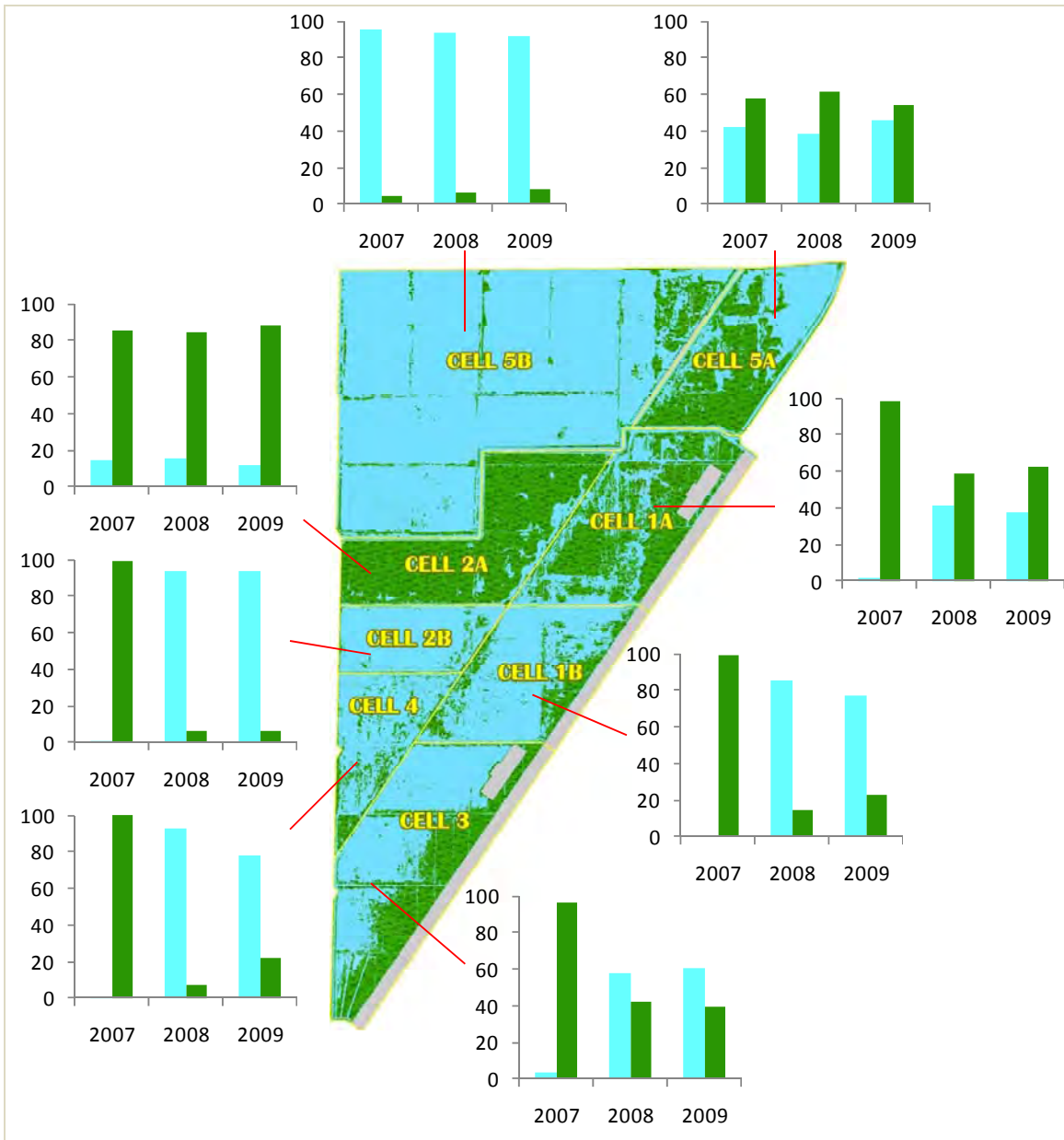


Figure 2. Changes in percent vegetation coverage in Stormwater Treatment Area 1 West (STA-1W) (2007–2009) based on aerial images. Blue bars and map area represent SAV-open water and green bars and map area represent EAV. The map shows vegetation coverage from the 2009 aerial images. Compiled by the SFWMD.

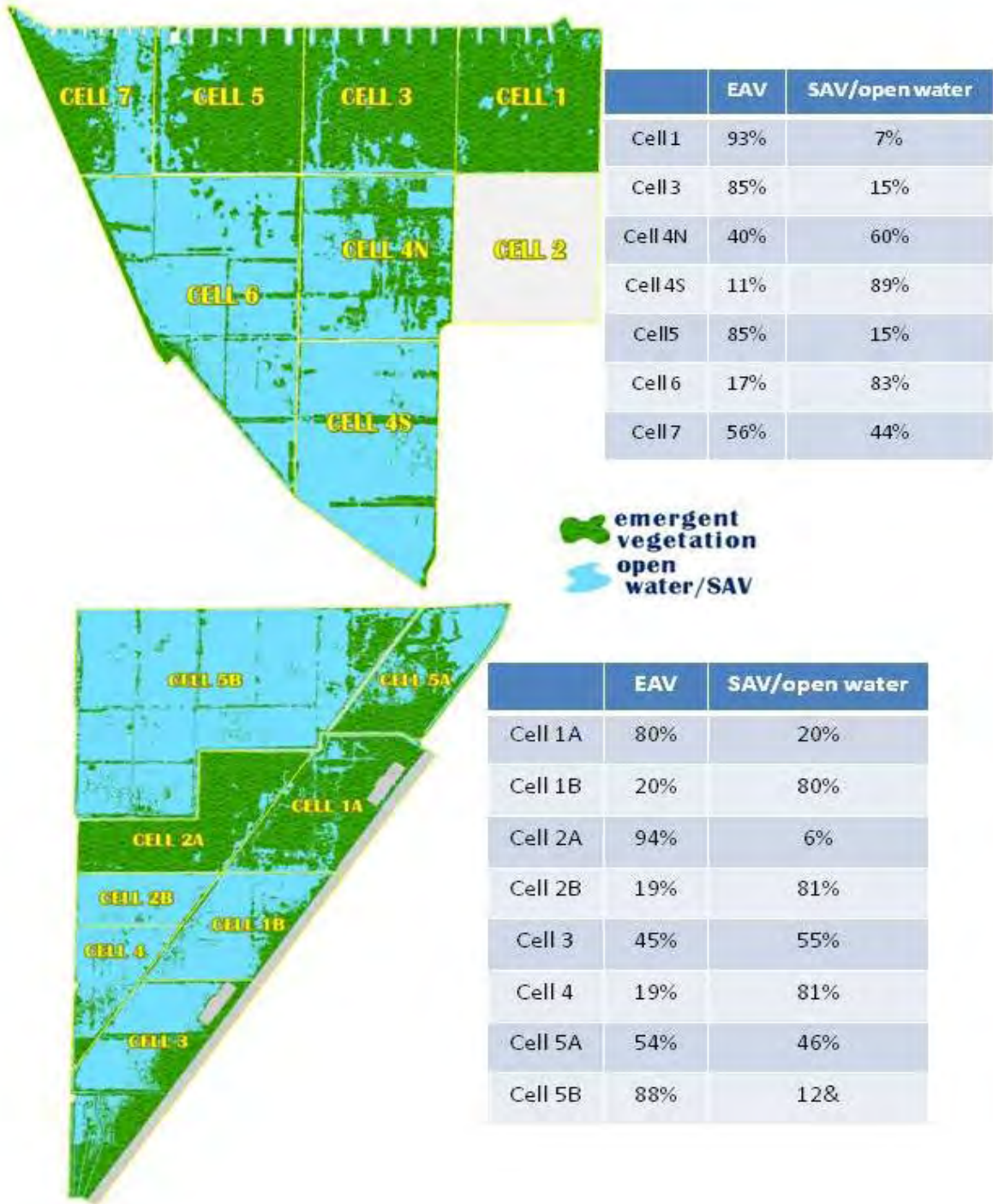
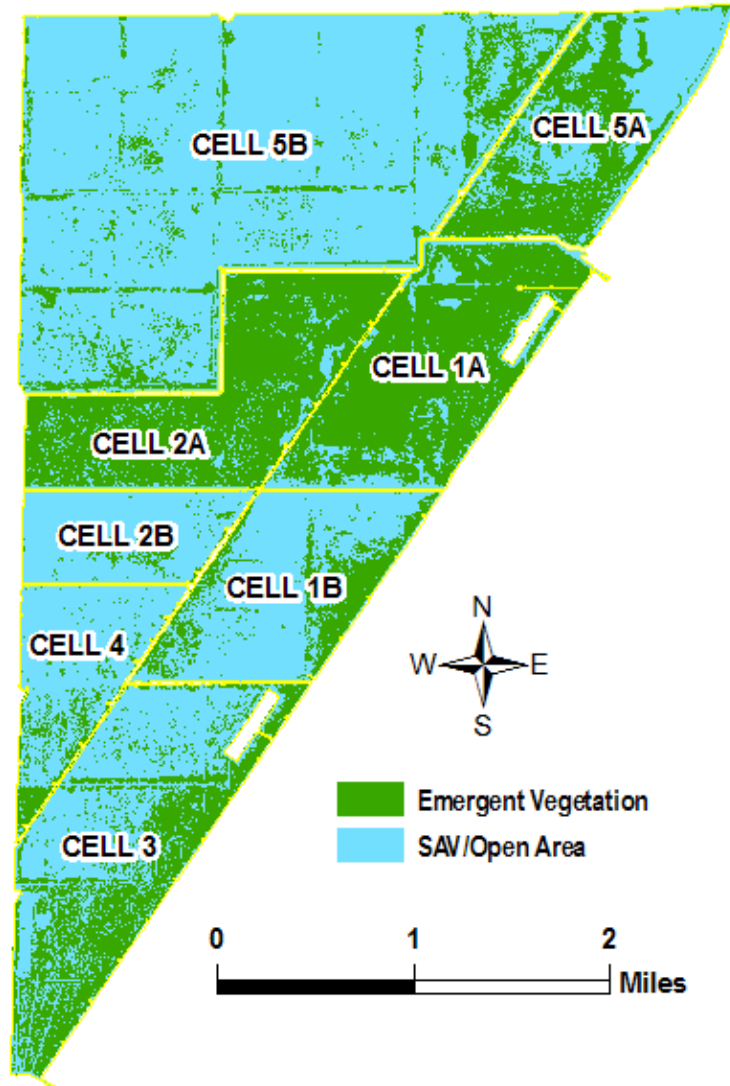
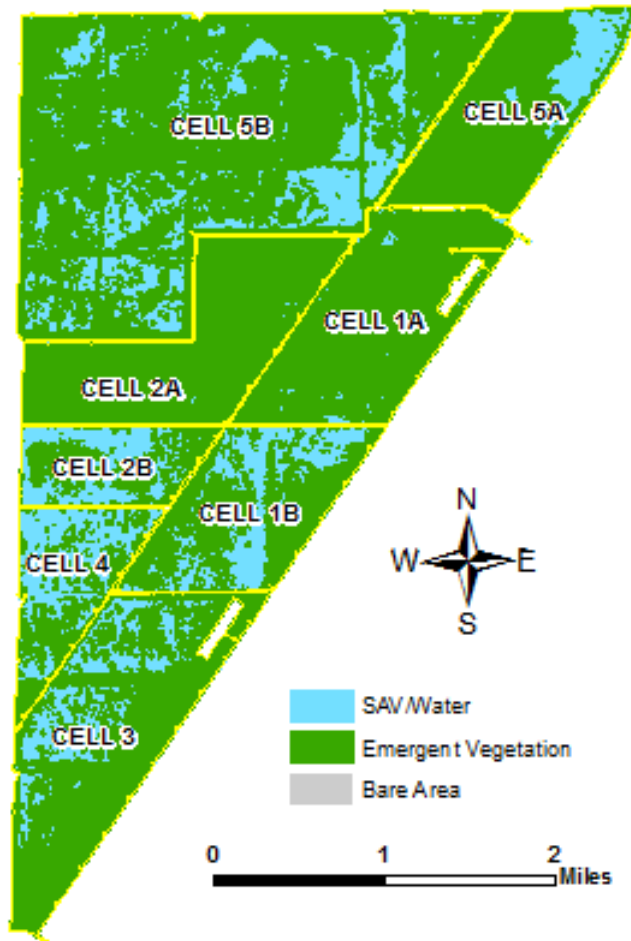


Figure 1. Emergent and submerged aquatic vegetation (EAV and SAV/open water) in STA-1E (upper) and STA-1W (lower) on May 23, 2010.

STORMWATER TREATMENT AREA 1 WEST



Cell	Vegetation Type	Estimated Coverage (acres)	Percent Total Coverage	Cell	Vegetation Type	Estimated Coverage (acres)	Percent Total Coverage
Cell 1A	SAV/Open area	126	18.0	Cell 3	SAV/Open area	494	56.1
	EAV	585	82.0		EAV	384	43.9
Cell 1B	SAV/Open area	423	73.4	Cell 4	SAV/Open area	299	83.4
	EAV	154	26.6		EAV	56	16.6
Cell 2A	SAV/Open area	93	13.3	Cell 5A	SAV/Open area	297	49.3
	EAV	600	86.7		EAV	302	50.8
Cell 2B	SAV/Open area	282	91.3	Cell 5B	SAV/Open area	2128	88.6
	EAV	26	8.7		EAV	270	11.4









STA-2

2007 Air Photo Classification Emergent Vegetation Coverage

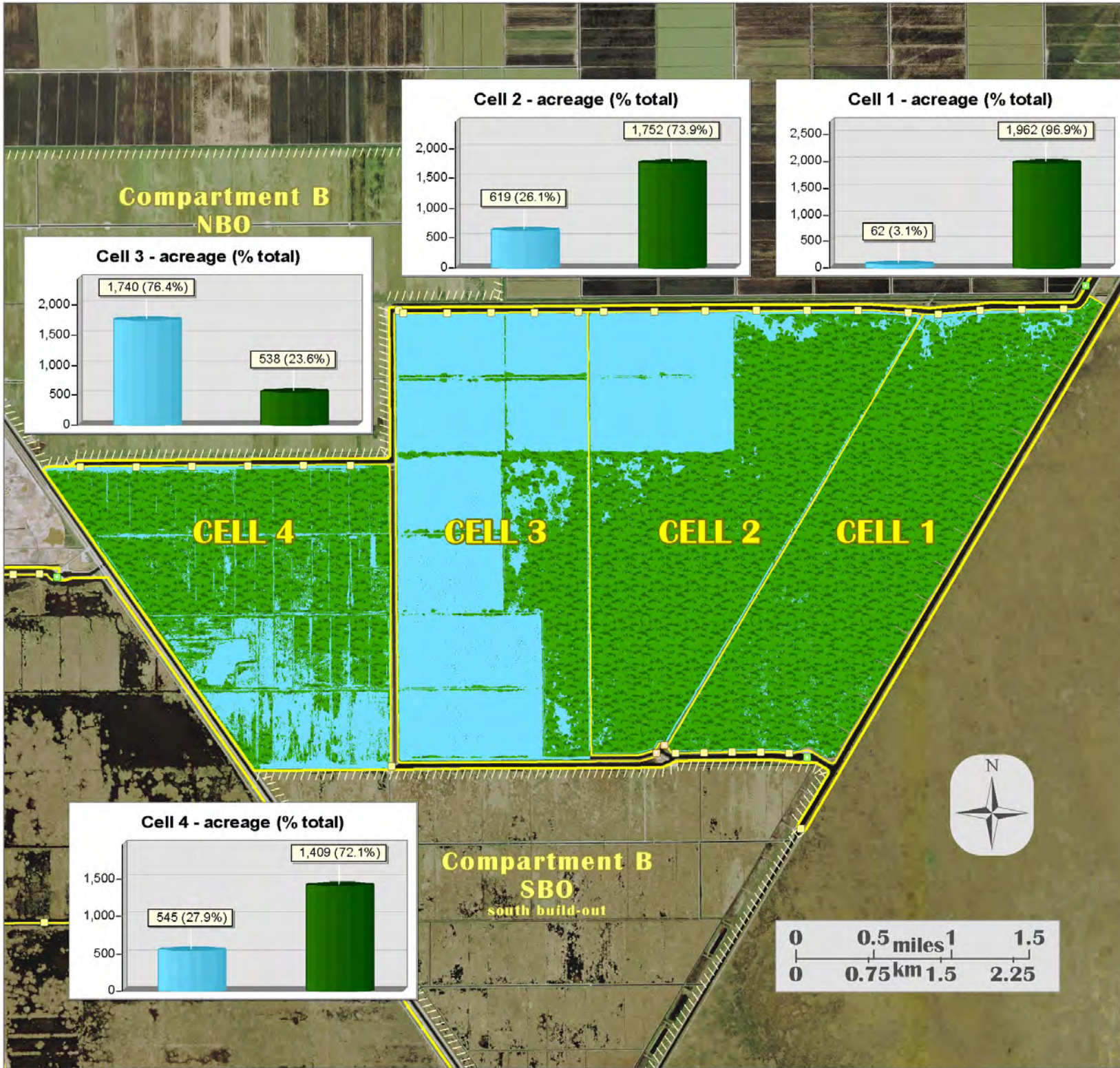
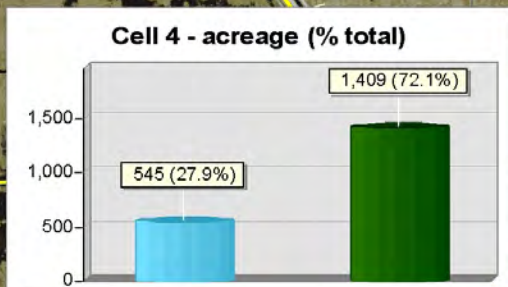
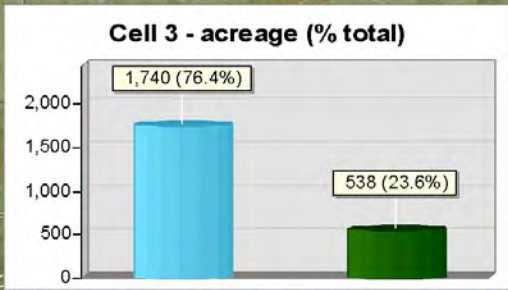
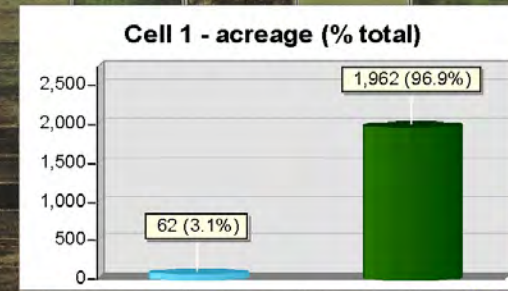
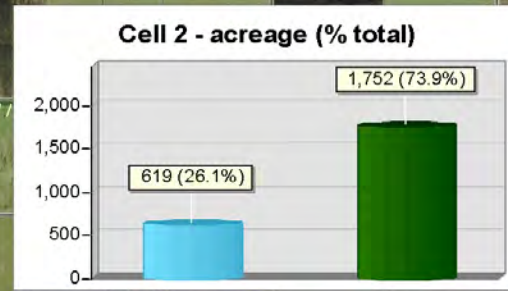
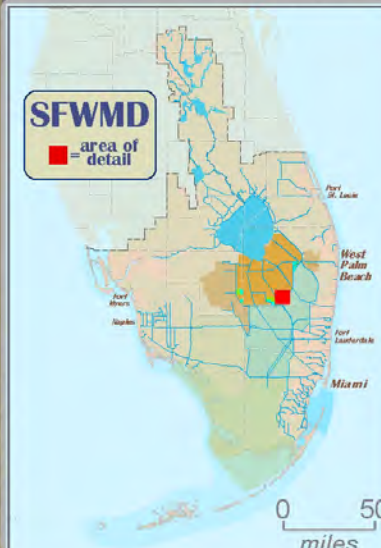
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2007

STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography









STA-2

2008 Air Photo Classification Emergent Vegetation Coverage

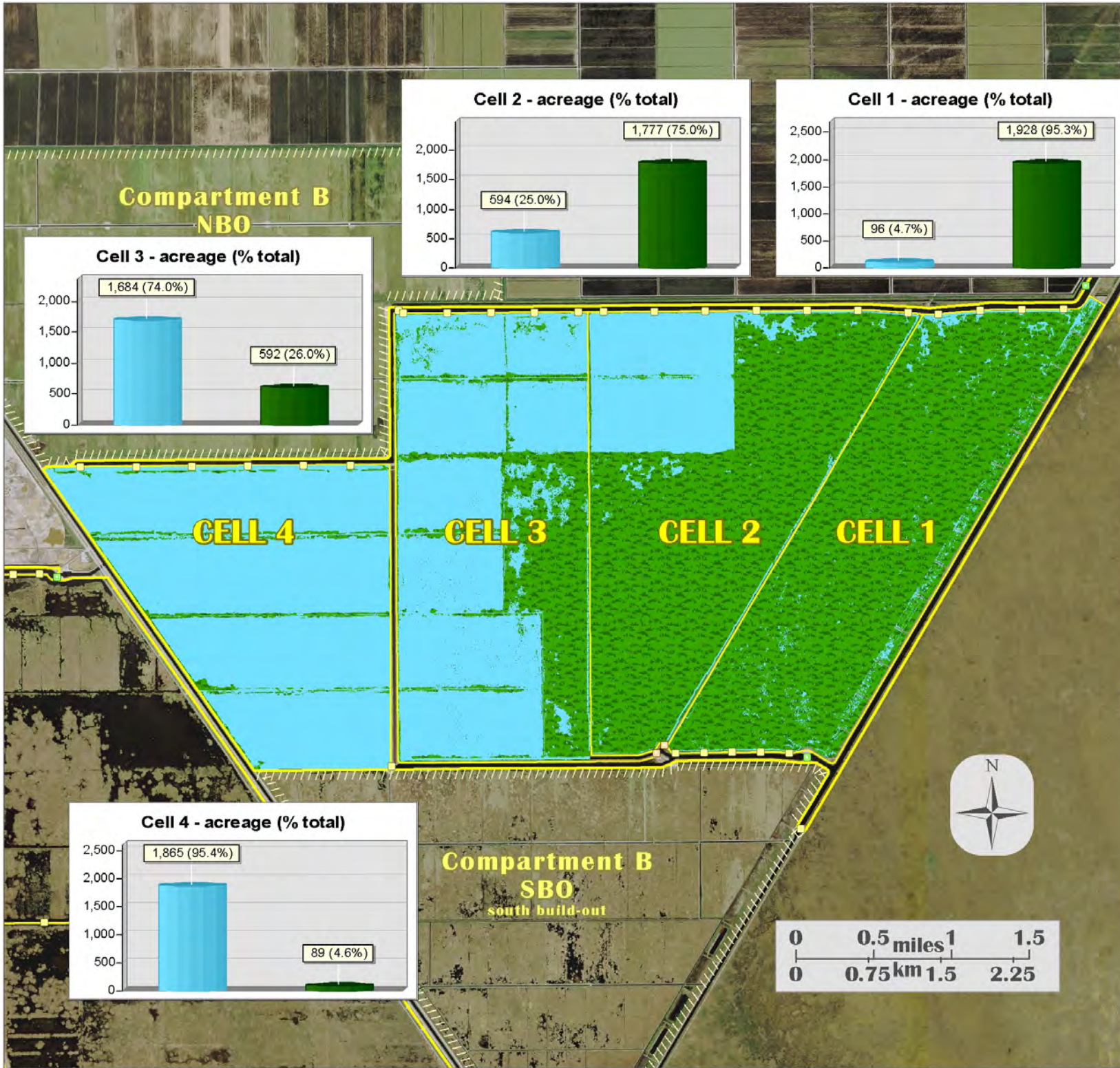
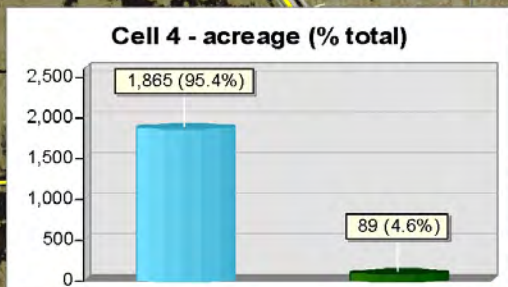
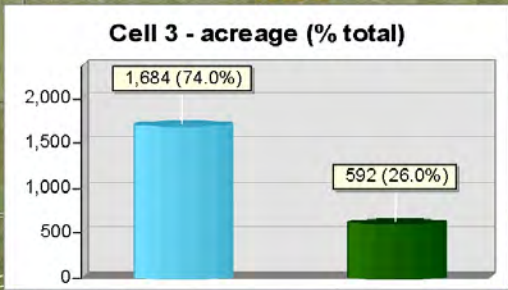
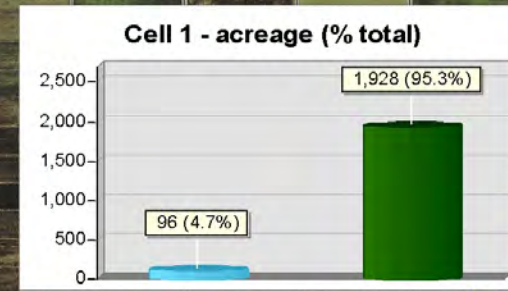
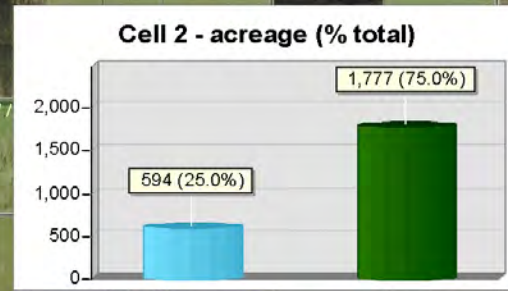
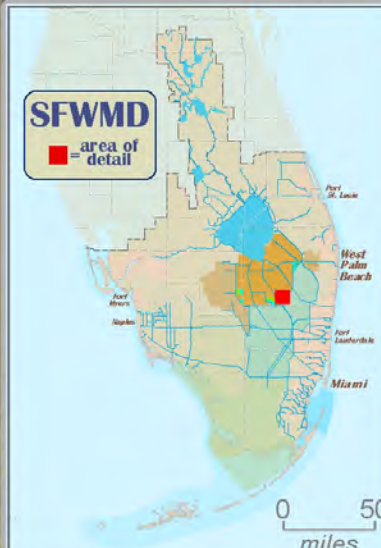
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2008

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography





STA-2

2009 Air Photo Classification Emergent Vegetation Coverage

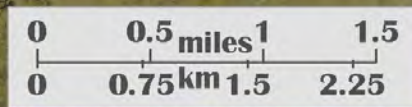
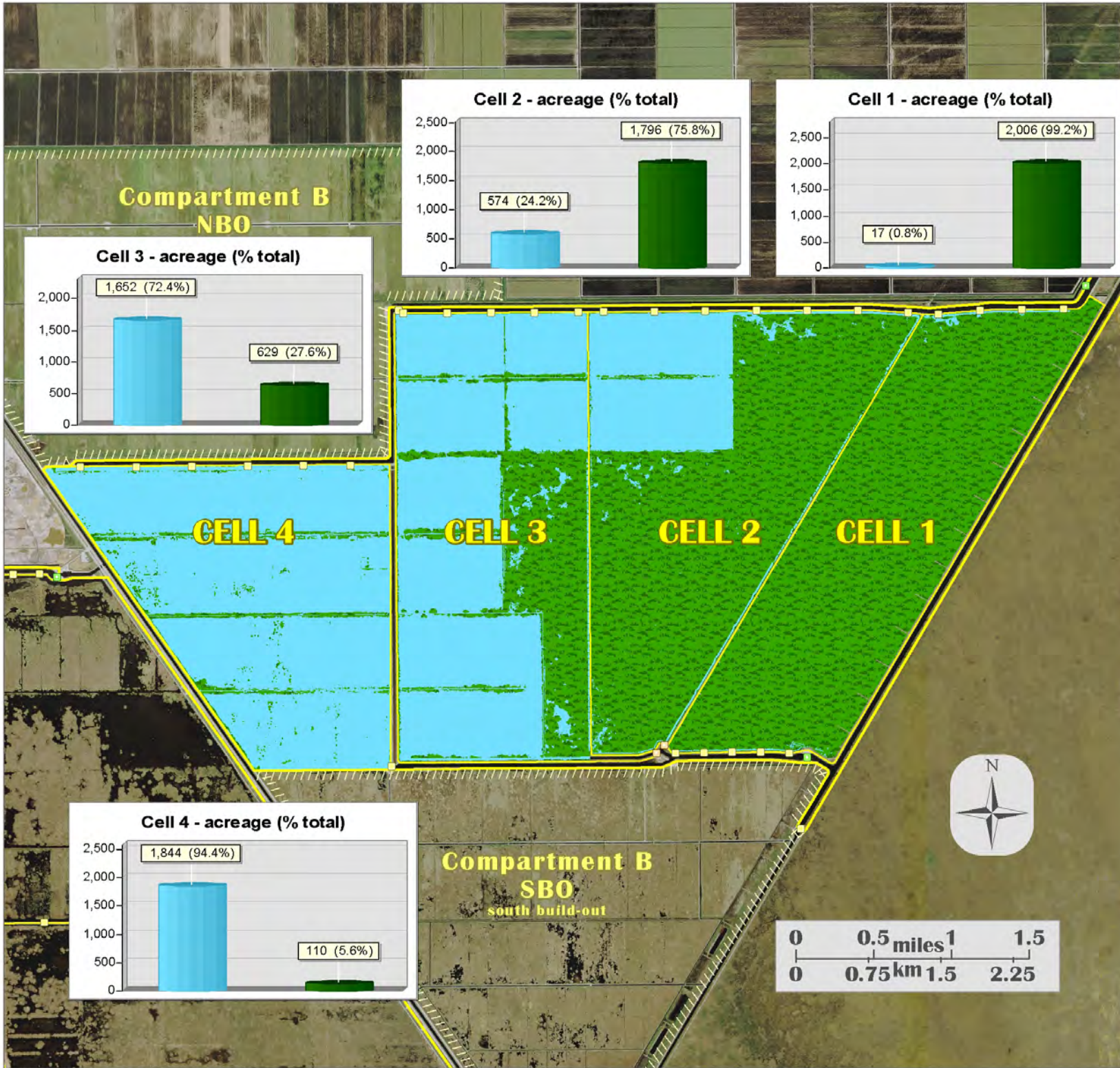
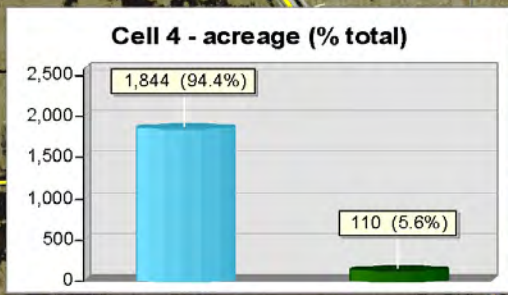
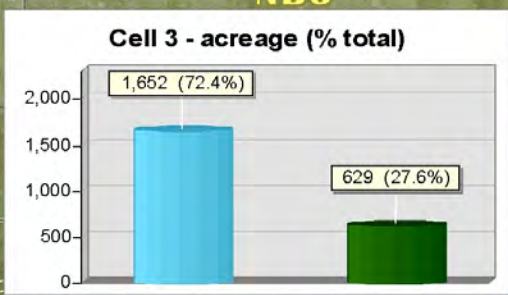
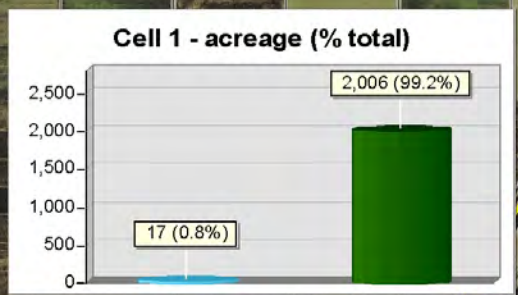
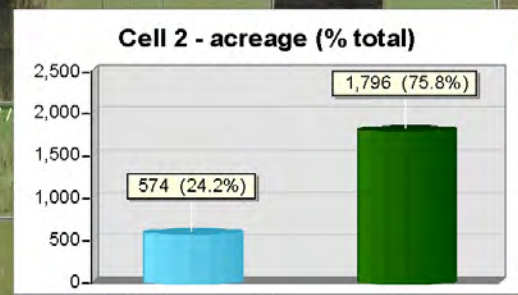
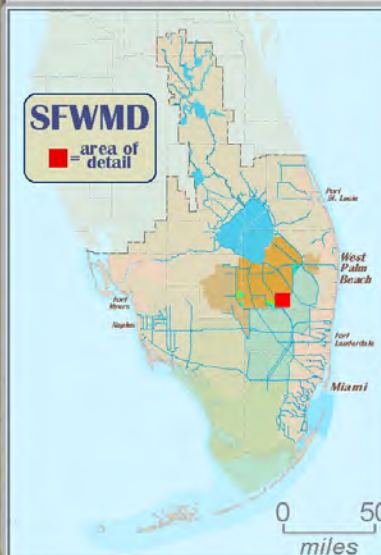
- emergent vegetation
- open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2009
(RASLIB.STA_2009_CIR_1FT_JPG)

STA/cell boundary

- Culvert
- Spillway
- Pump
- Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography



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STA-2

2010 Air Photo Classification Emergent Vegetation Coverage

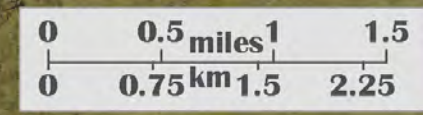
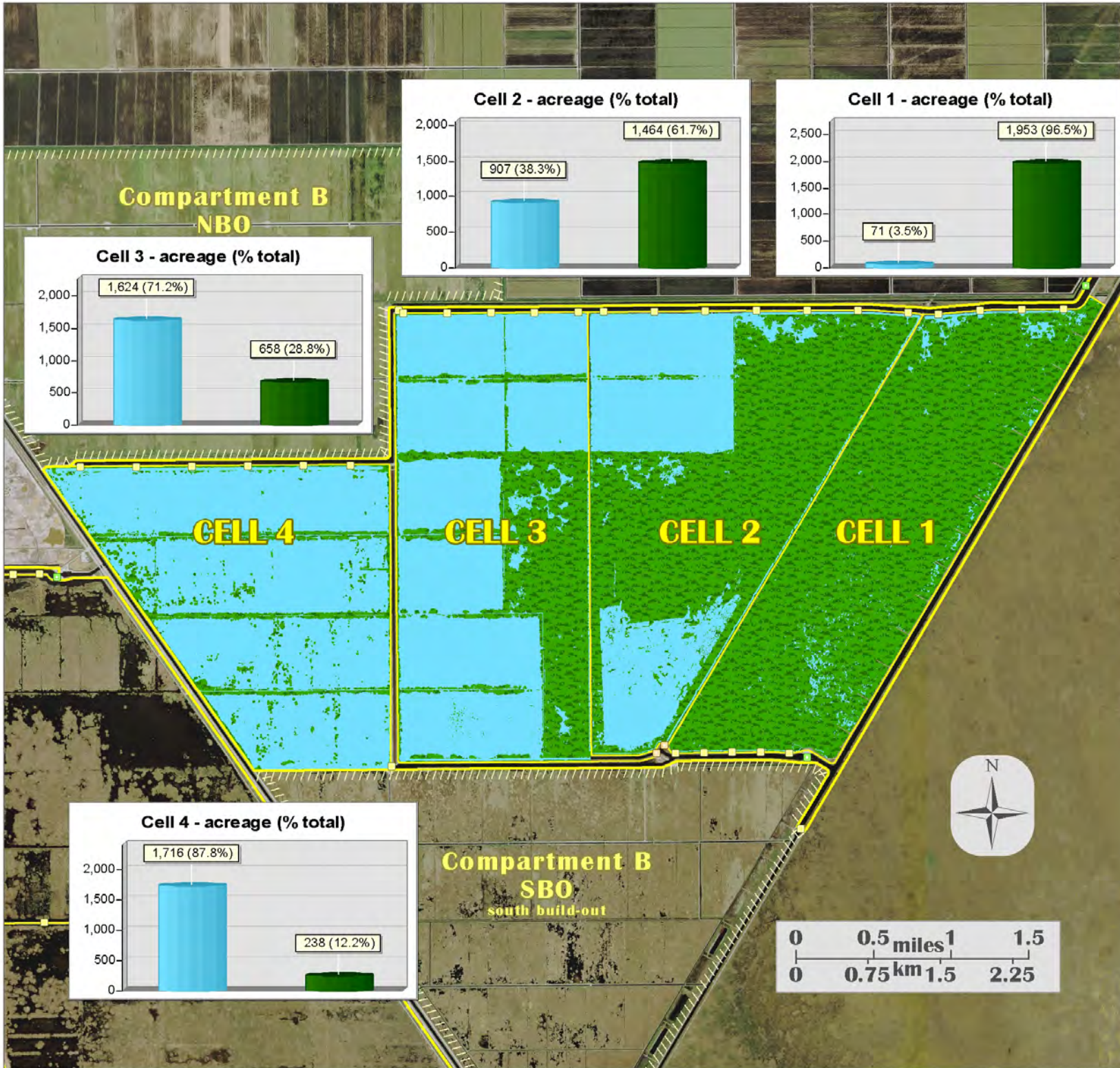
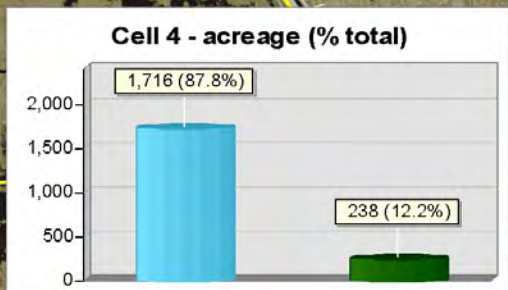
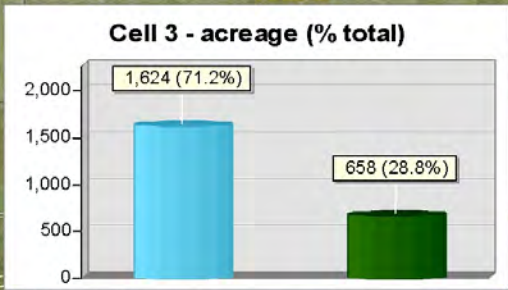
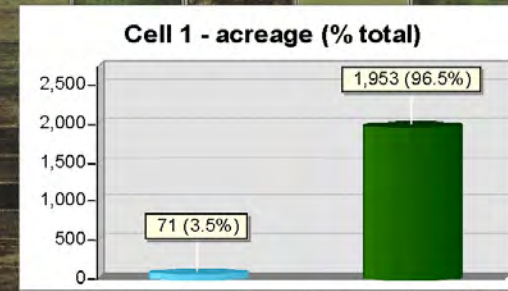
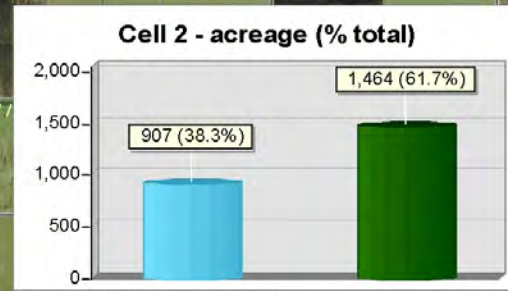
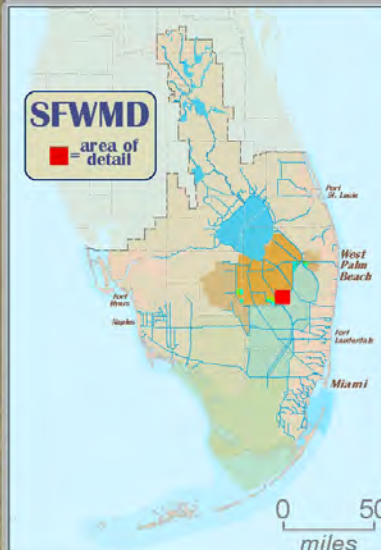
- emergent vegetation
- open water/SAV

classification imagery -
 color infrared 1 foot
 resolution captured
 in May 2010
 (\\gisdata1\raster\image_aerial\sta_
 STA_2010_CIR_1FT_IP2.lyr)

**STA/cell
 boundary**

- Culvert
- Spillway
- Pump
- Weir

background imagery - 2008 Palm
 Beach County 2-Foot Natural
 Color Aerial Photography



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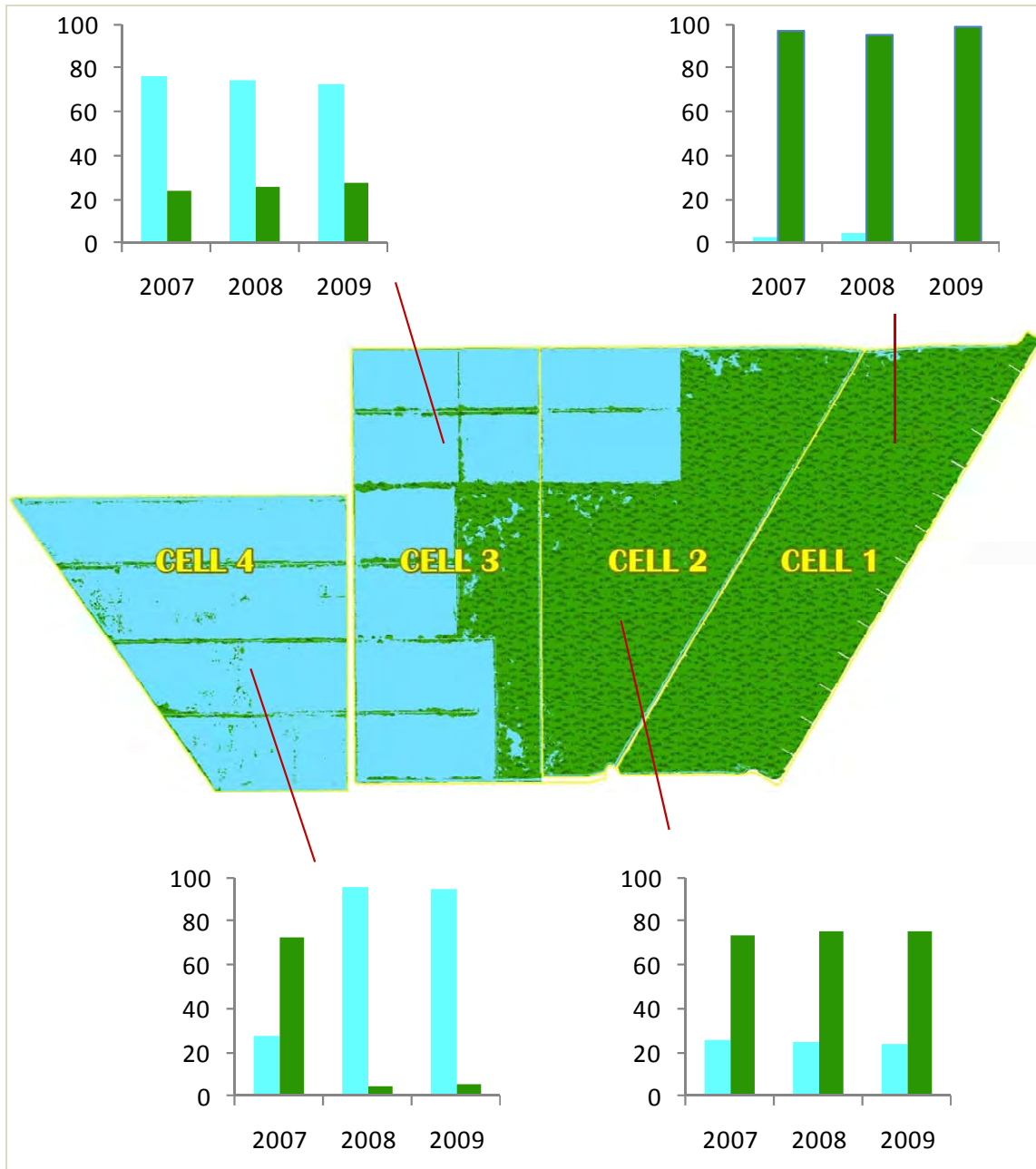


Figure 3. Changes in percent vegetation coverage in Stormwater Treatment Area 2 (STA-2) (2007–2009) based on aerial images. Blue bars and map area represent SAV-open water and green bars and map area represent EAV. The map shows vegetation coverage from the 2009 aerial images. Compiled by the SFWMD.

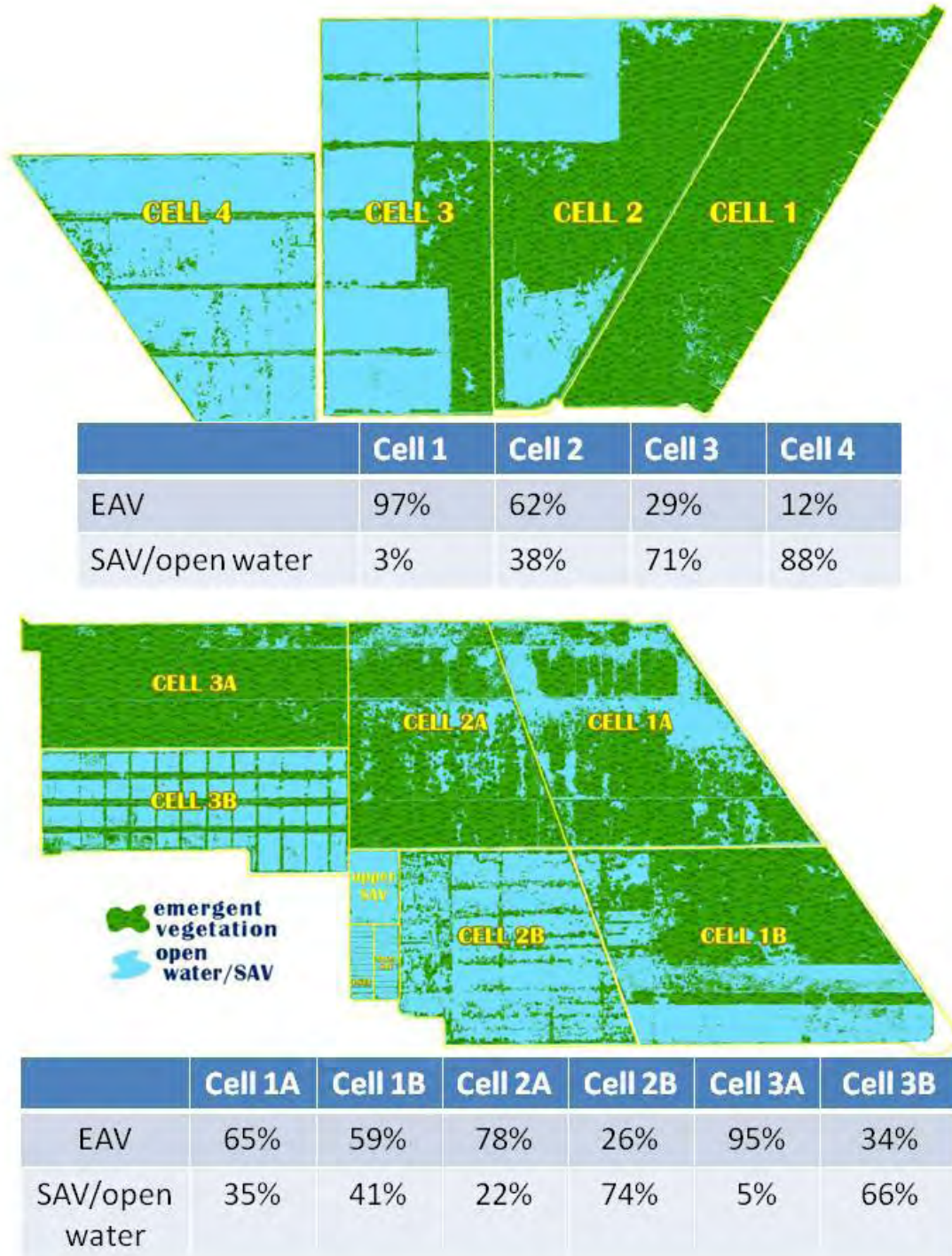
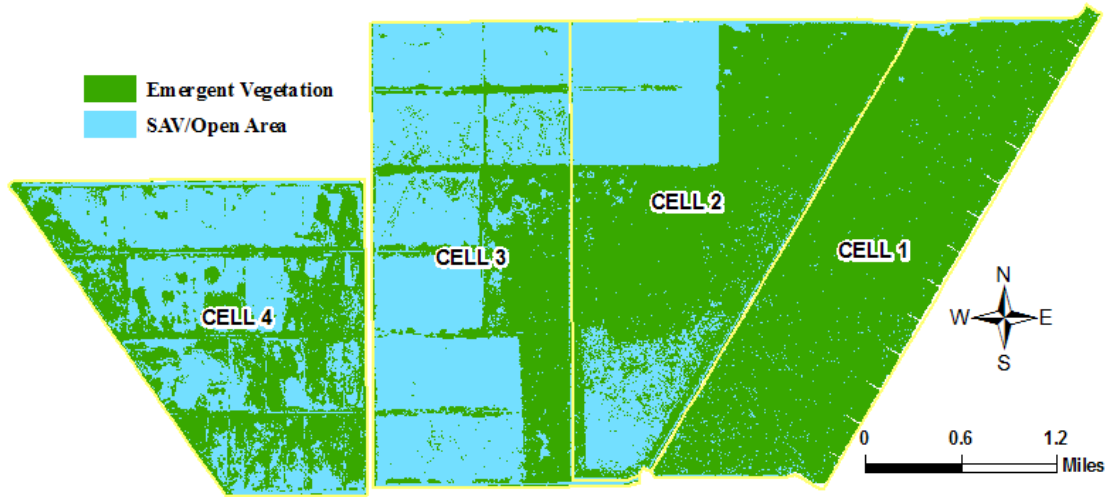


Figure 2. Emergent and submerged aquatic vegetation (EAV and SAV/open water) in STA-2 (upper) and STA-3/4 (lower) on May 23, 2010.

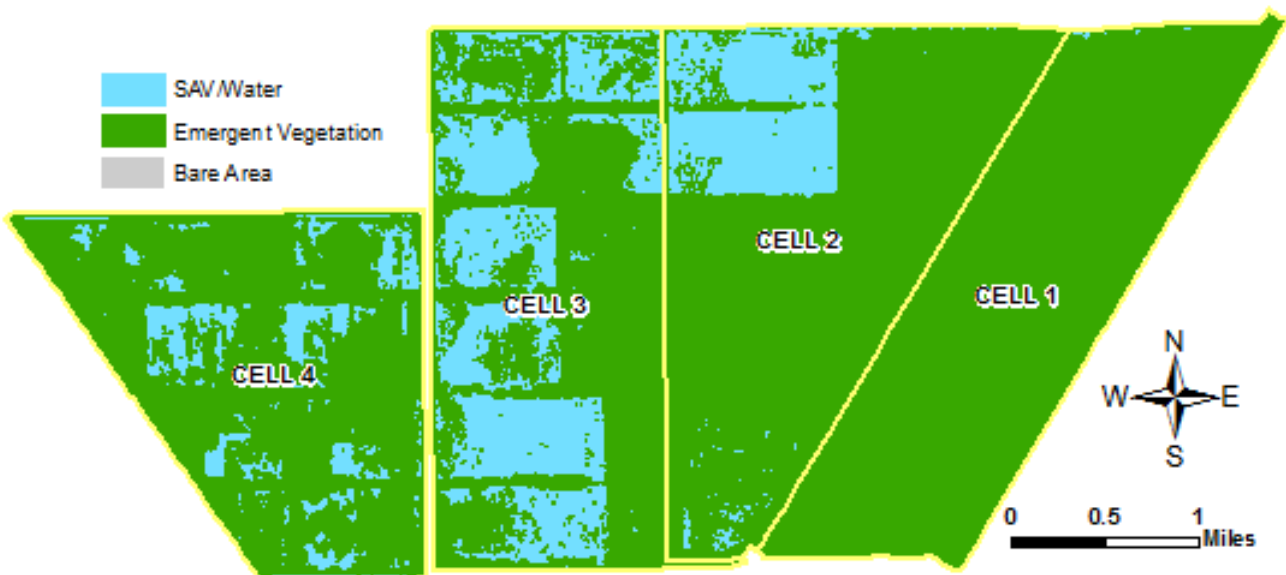
STORMWATER TREATMENT AREA 2



Cell	Vegetation Type	Estimated Coverage (acres)	Percent Total Coverage
Cell 1	SAV/Open area	62	3.1
	EAV	1969	96.9
Cell 2	SAV/Open area	832	35.1
	EAV	1541	64.9
Cell 3	SAV/Open area	1574	68.6
	EAV	722	31.4
Cell 4	SAV/Open area	858	51.8
	EAV	935	48.2

STORMWATER TREATMENT AREA 2

Cell	Coverage Type	Estimated Coverage (acre)	% Coverage	Cell Area (acre)
Cell 1	Water/SAV	165.53	8.1	2032.52
	EAV	1846.56	90.9	
	Bare Area	20.43	1.0	
Cell 2	Water/SAV	881.37	37.1	2373.21
	EAV	1479.18	62.3	
	Bare Area	12.66	0.5	
Cell 3	Water/SAV	1591.35	69.3	2296.32
	EAV	692.22	30.1	
	Bare Area	12.75	0.6	
Cell 4	Water/SAV	1056.71	54.4	1942.03
	EAV	843.65	43.4	
	Bare Area	41.67	2.1	





STA-3/4





2007 Air Photo Classification

Emergent Vegetation Coverage

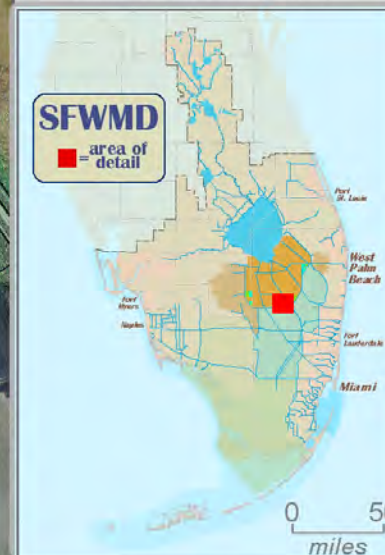
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2007

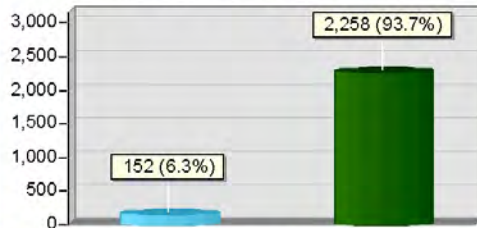
 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

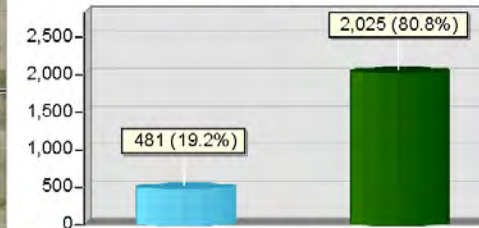
background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography



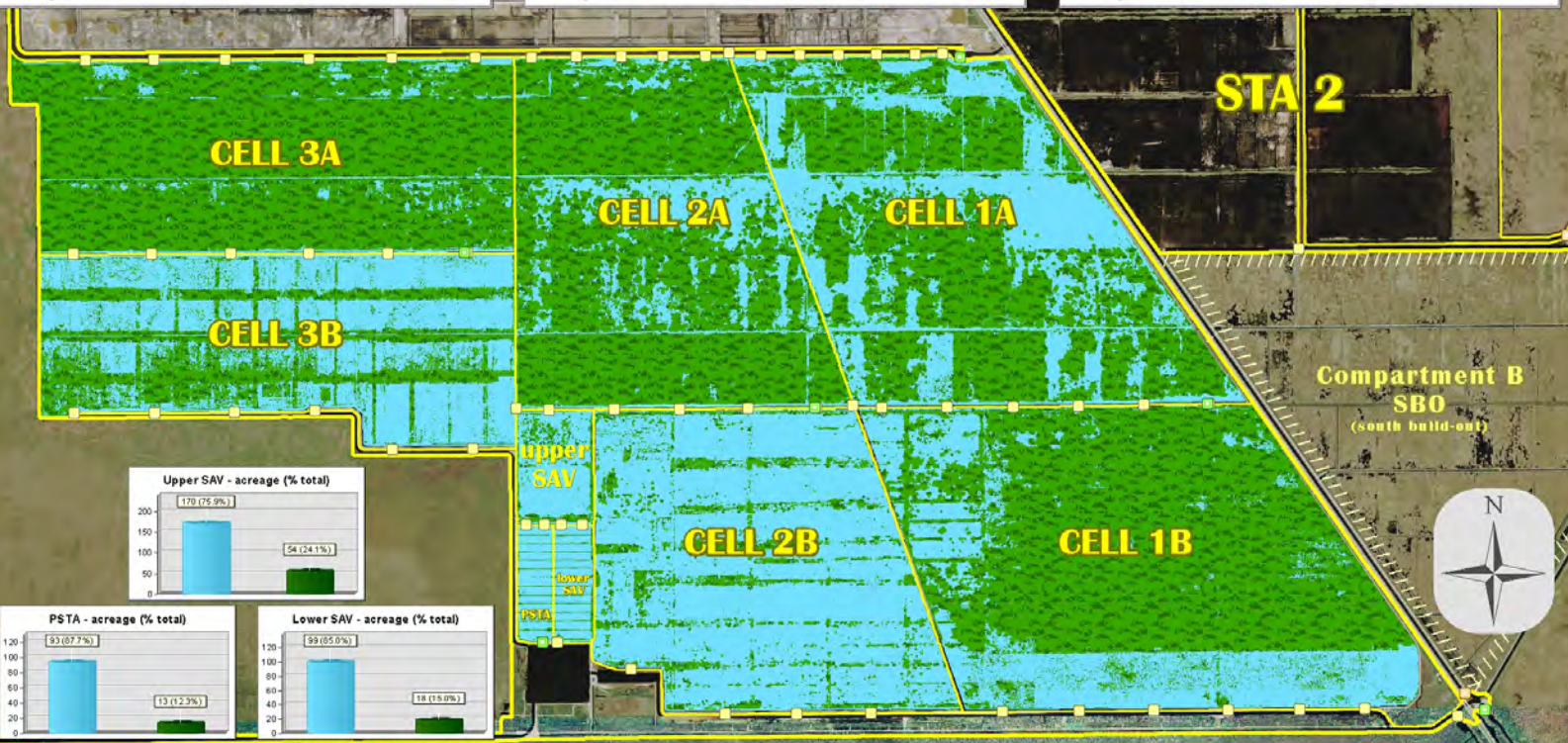
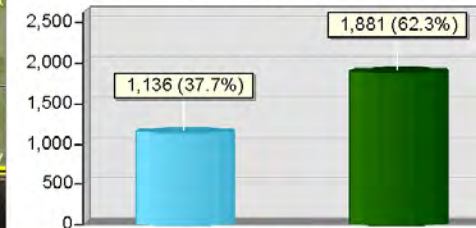
Cell 3A - acreage (% total)



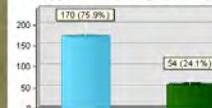
Cell 2A - acreage (% total)



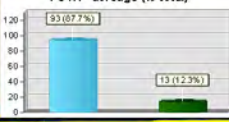
Cell 1A - acreage (% total)



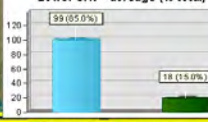
Upper SAV - acreage (% total)



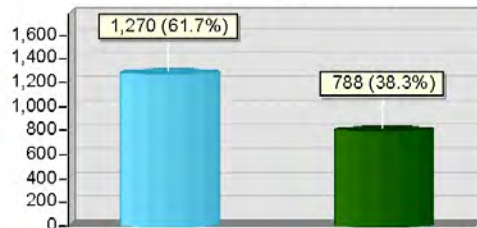
PSTA - acreage (% total)



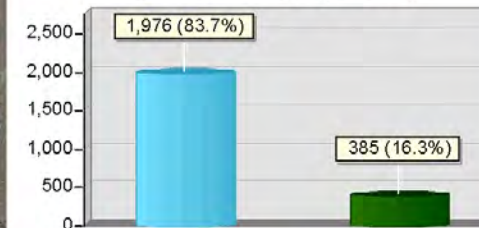
Lower SAV - acreage (% total)



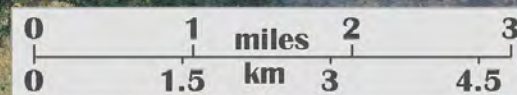
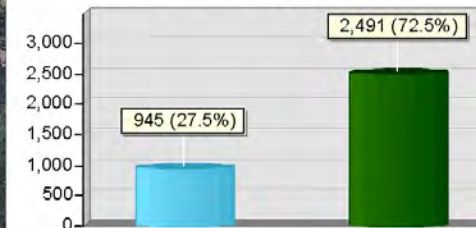
Cell 3B - acreage (% total)



Cell 2B - acreage (% total)



Cell 1B - acreage (% total)







STA-3/4

2008 Air Photo Classification Emergent Vegetation Coverage

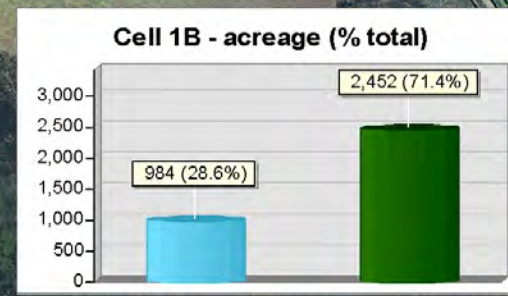
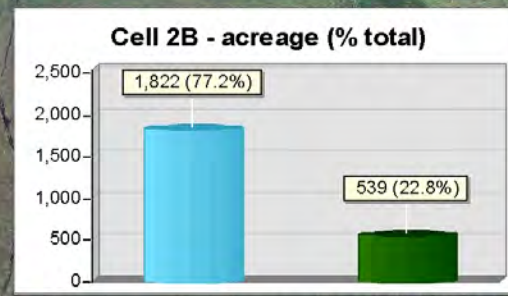
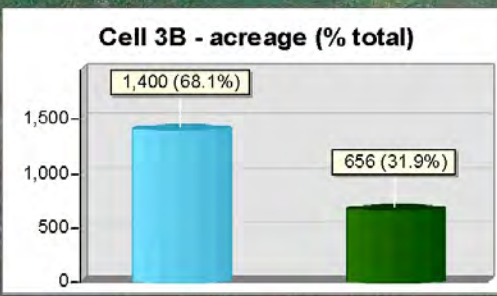
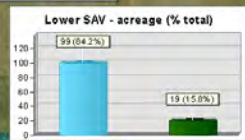
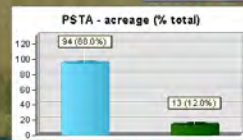
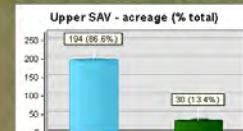
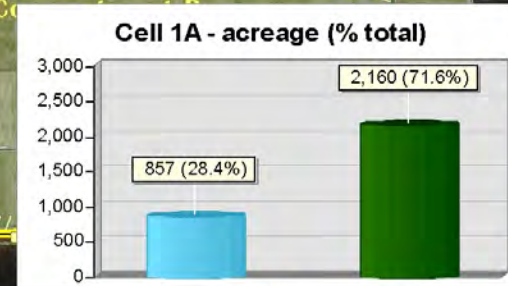
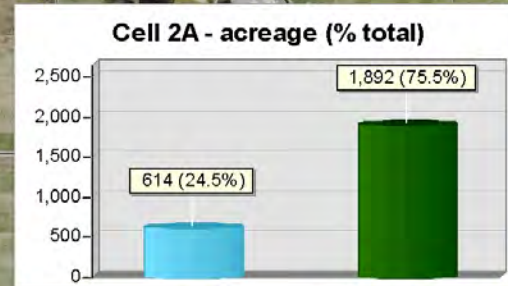
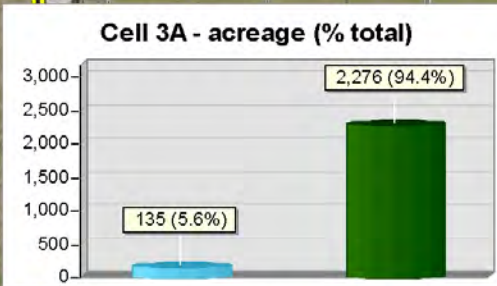
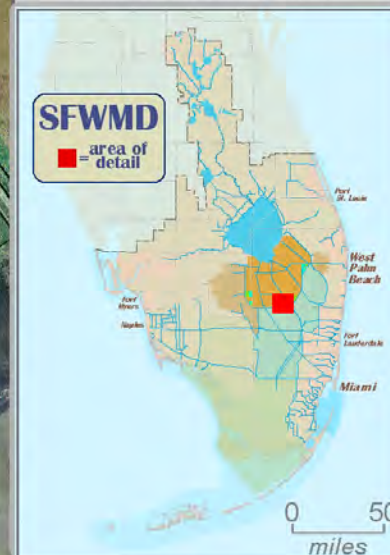
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2008

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography



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STA-3/4

2009 Air Photo Classification Emergent Vegetation Coverage

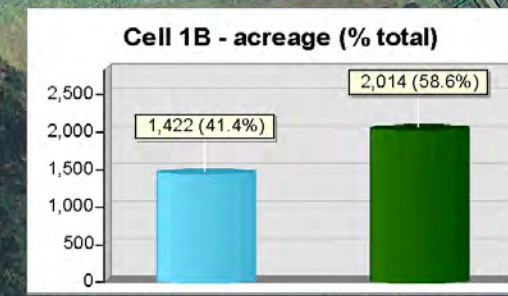
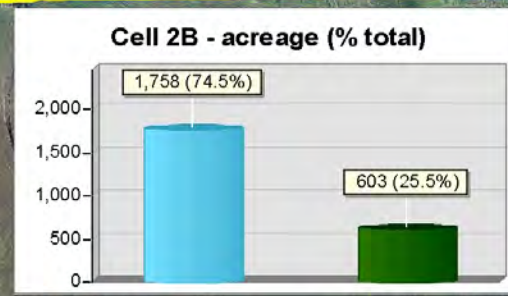
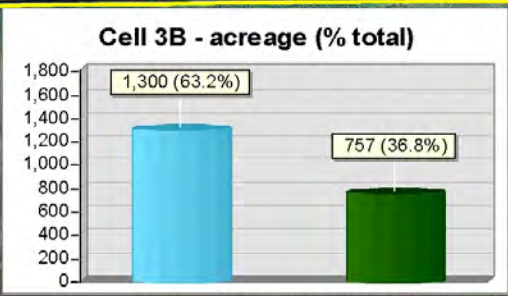
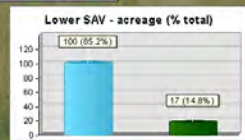
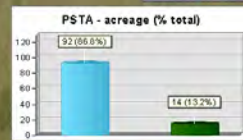
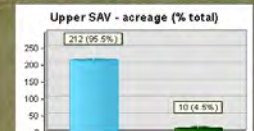
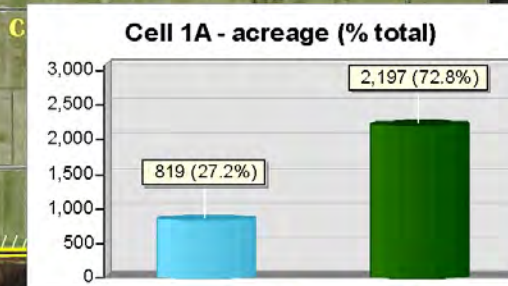
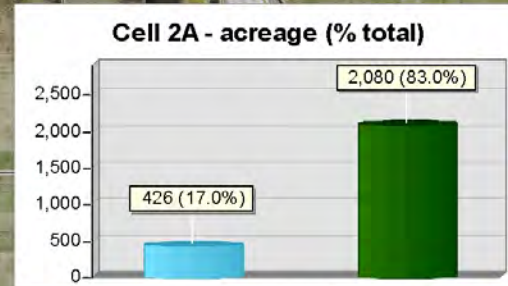
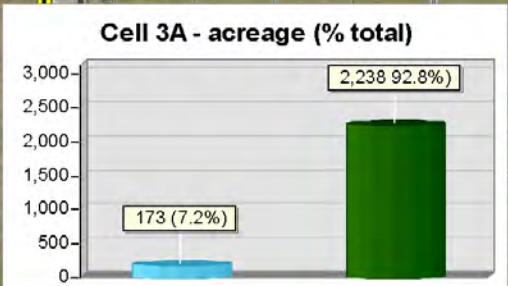
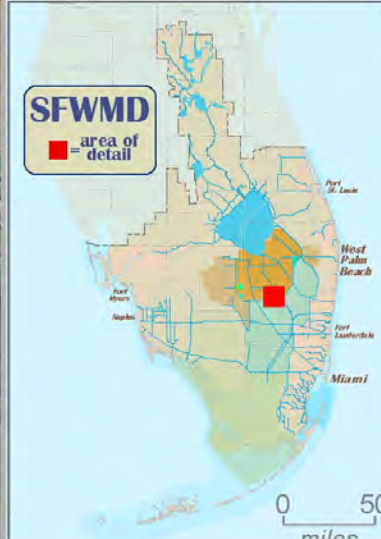
- emergent vegetation
- open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2009
(RASLIB_STA_2009_CIR_1FT_JPG)

STA/cell boundary

- Culvert
- Spillway
- Pump
- Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography







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2010 Air Photo Classification Emergent Vegetation Coverage

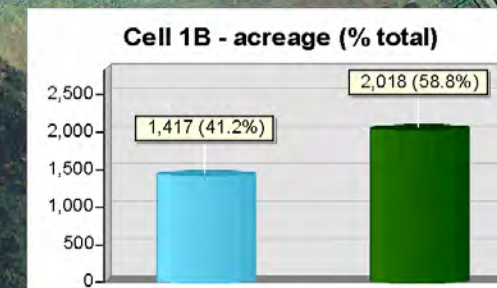
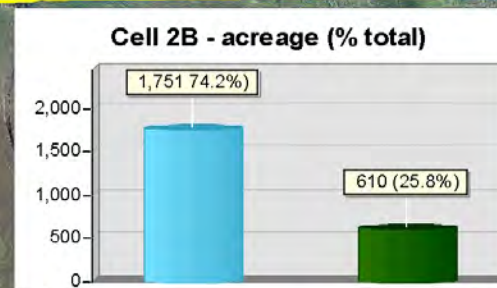
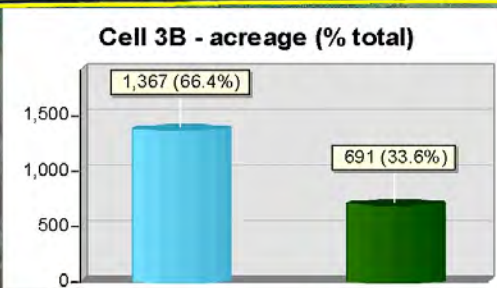
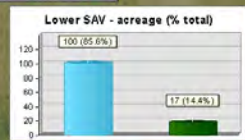
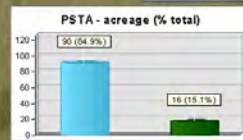
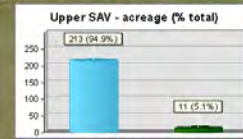
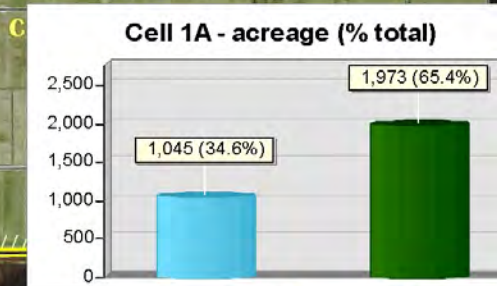
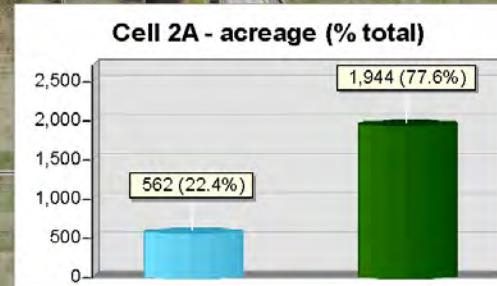
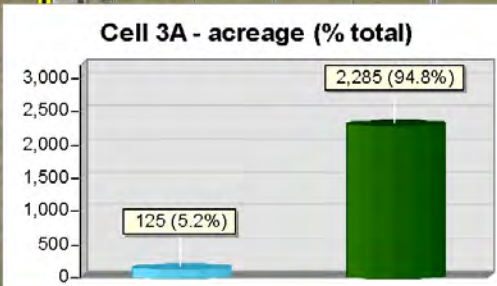
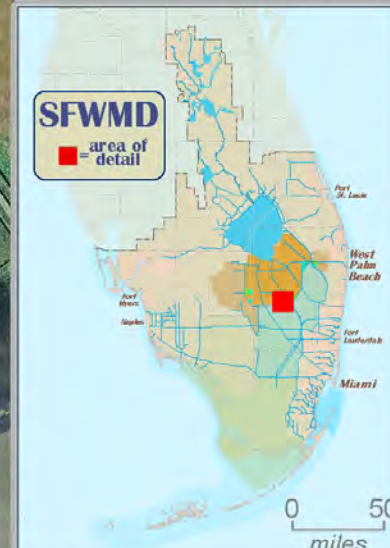
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in May 2010
 (\\gisdata1\traster\image_aerial\sta\STA_2010_CIR_1FT_IP2.lyr)

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Palm Beach County 2-Foot Natural Color Aerial Photography



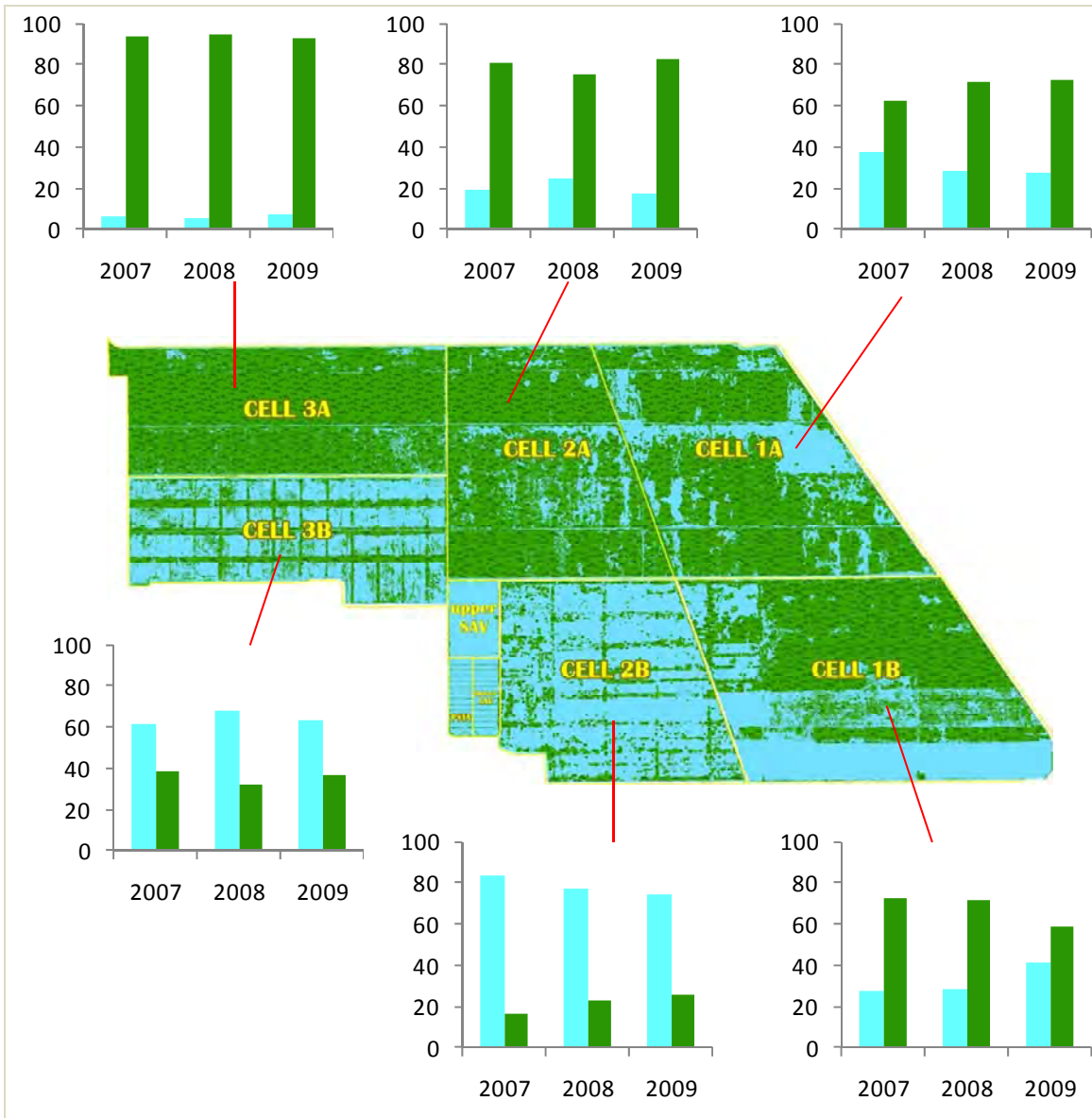


Figure 4. Changes in percent vegetation coverage in Stormwater Treatment Area 3/4 (STA-3/4) (2007–2009) based on aerial images. Blue bars and map area represent SAV-open water and green bars and map area represent EAV. The map shows vegetation coverage from the 2009 aerial images.
Compiled by the SFWMD.

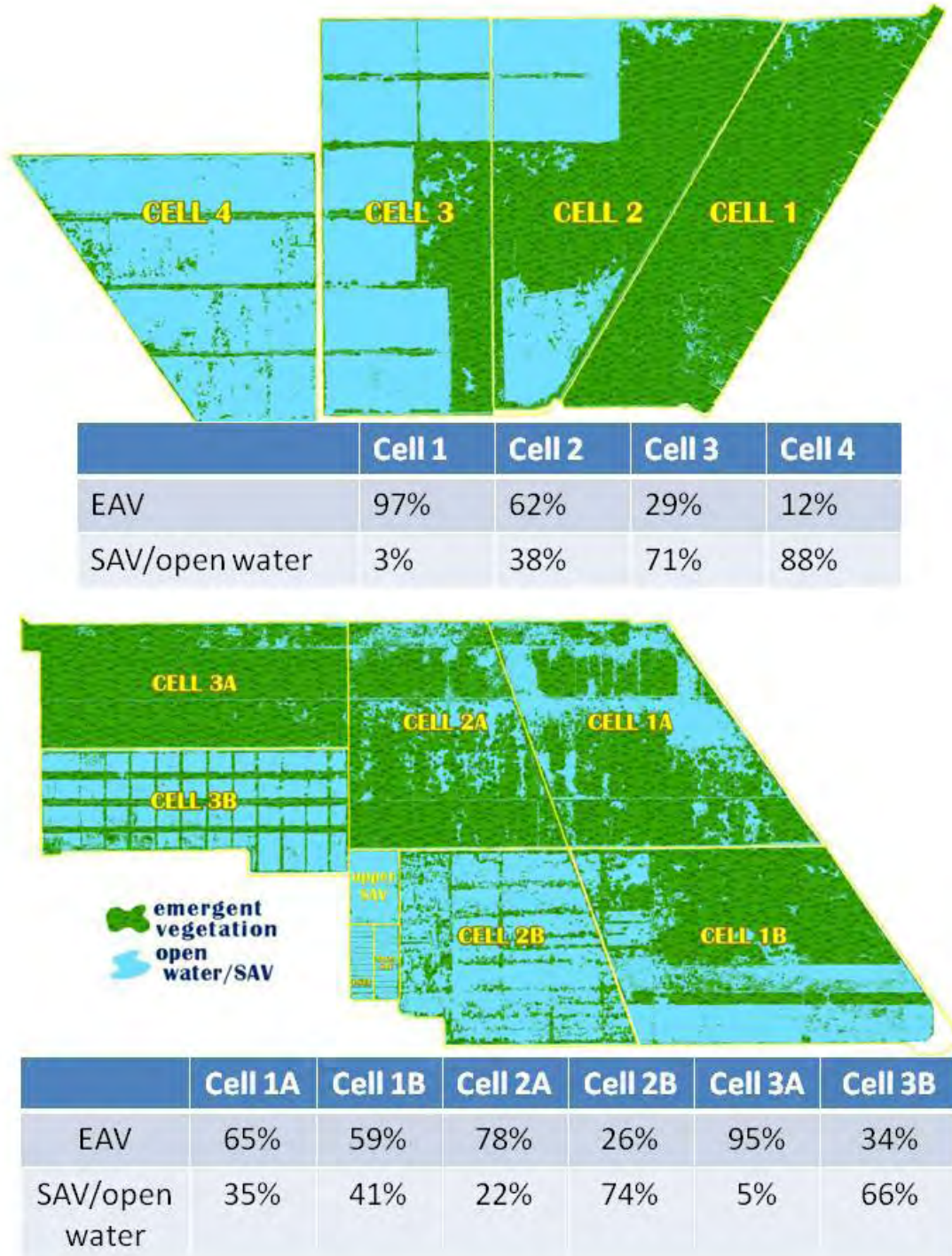
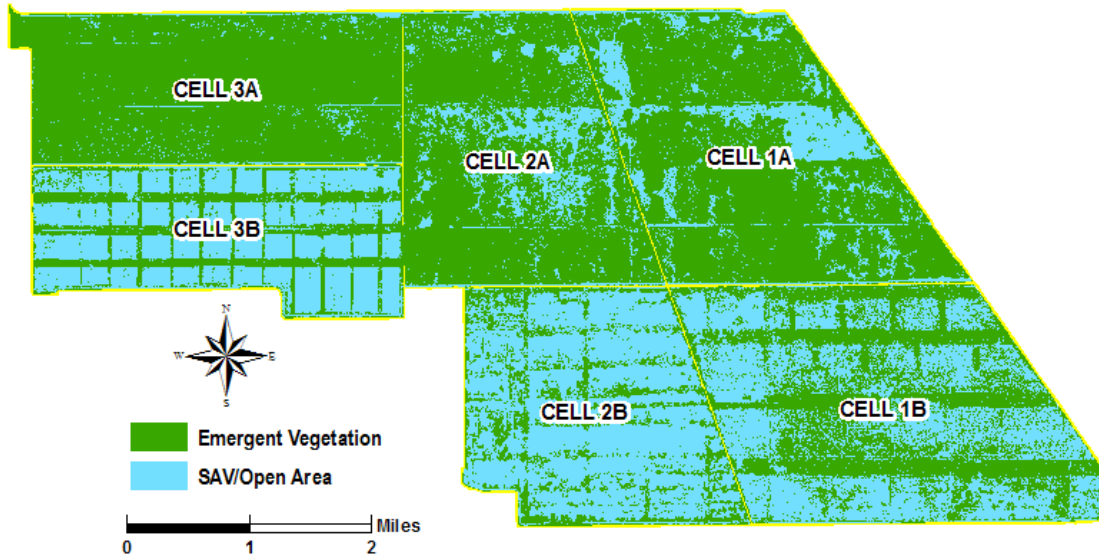


Figure 2. Emergent and submerged aquatic vegetation (EAV and SAV/open water) in STA-2 (upper) and STA-3/4 (lower) on May 23, 2010.

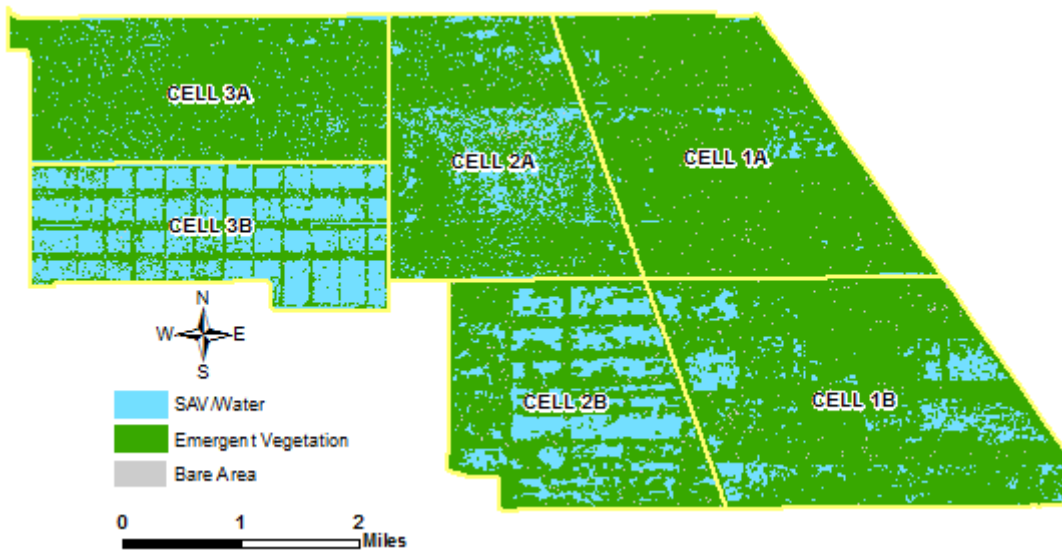
STORMWATER TREATMENT AREA 3/4



Cell	Vegetation Type	Estimated Coverage (acres)	Percent Total Coverage
Cell 1A	SAV/Open area	617	21.2
	EAV	2380	78.8
Cell 1B	SAV/Open area	1344	52.3
	EAV	1649	47.7
Cell 2A	SAV/Open area	484	19.6
	EAV	2013	80.4
Cell 2B	SAV/Open area	1804	75.3
	EAV	592	24.7
Cell 3A	SAV/Open area	125	5.2
	EAV	2289	94.8
Cell 3B	SAV/Open area	1424	68.4
	EAV	659	31.6

STORMWATER TREATMENT AREA 3/4

Cell	Coverage Type	Estimated Coverage (acre)	% Coverage	Cell Area (acre)
Cell 1A	Water/SAV	550.32	18.23	3019.60
	EAV	2454.08	81.27	
	Bare Area	15.20	0.50	
Cell 1B	Water/SAV	2382.17	68.93	3456.10
	EAV	1062.26	30.74	
	Bare Area	11.68	0.34	
Cell 2A	Water/SAV	422.13	16.85	2505.55
	EAV	2071.58	82.68	
	Bare Area	11.84	0.47	
Cell 2B	Water/SAV	1727.55	72.09	2396.45
	EAV	658.91	27.50	
	Bare Area	9.99	0.42	
Cell 3A	Water/SAV	138.82	5.75	2415.15
	EAV	2274.28	94.17	
	Bare Area	2.04	0.08	
Cell 3B	Water/SAV	1293.69	62.00	2086.69
	EAV	791.14	37.91	
	Bare Area	1.86	0.09	









STA-5

2007 Air Photo Classification Emergent Vegetation Coverage

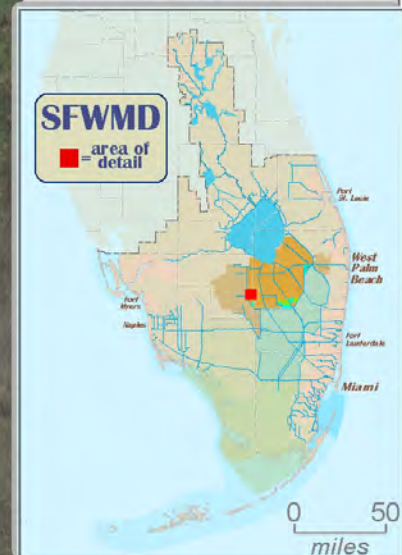
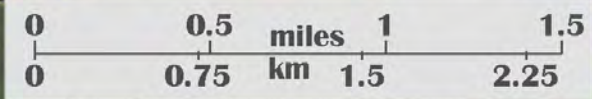
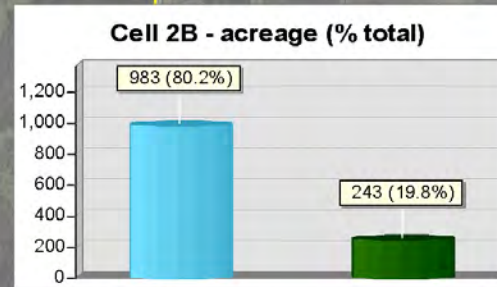
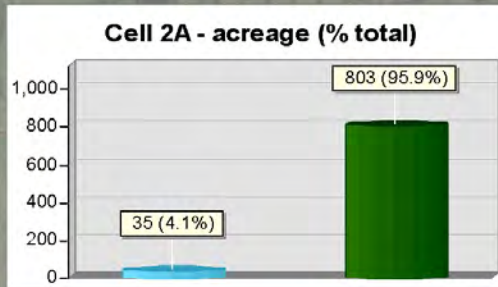
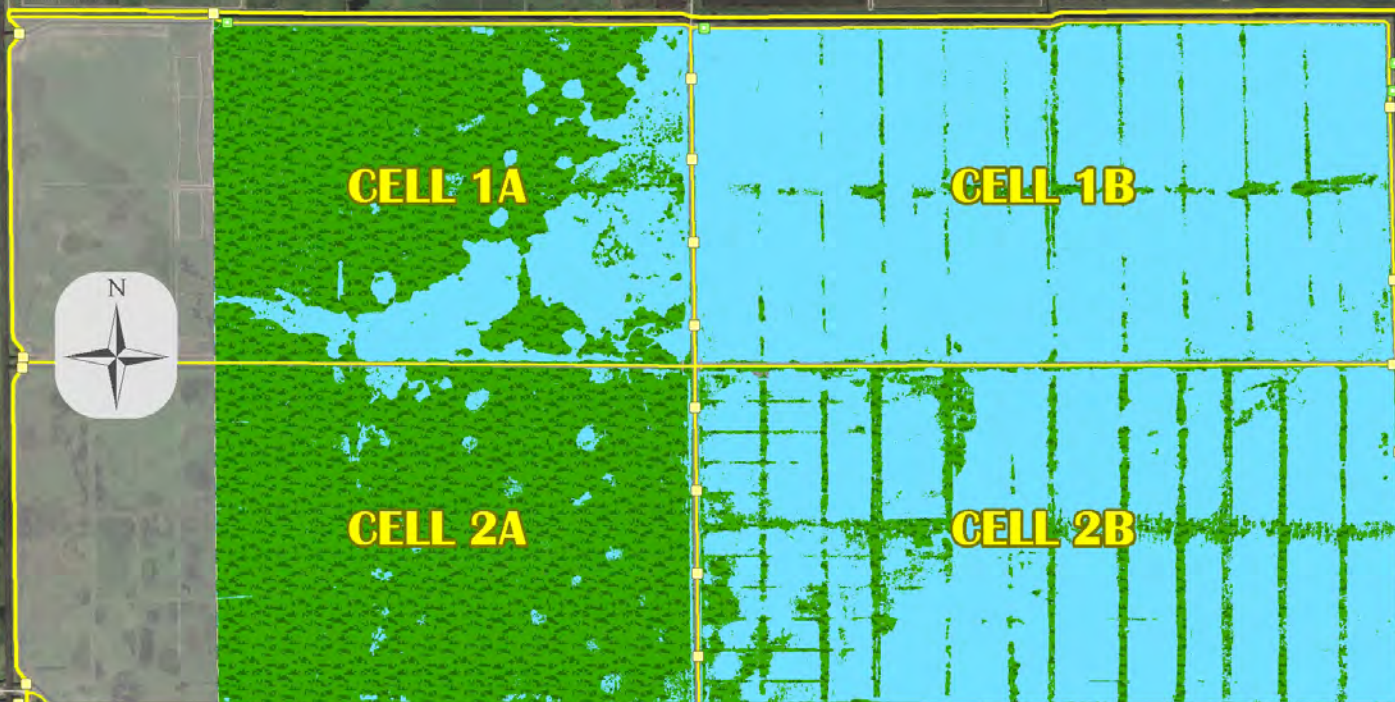
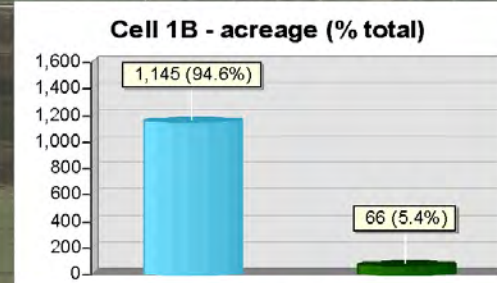
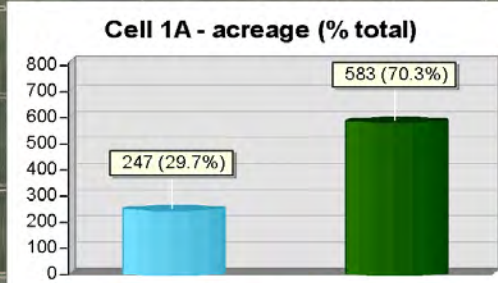
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2007

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Hendry County 1-Foot Natural Color Aerial Photography









STA-5

2008 Air Photo Classification Emergent Vegetation Coverage

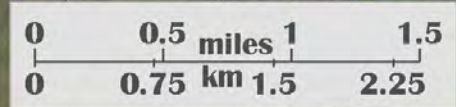
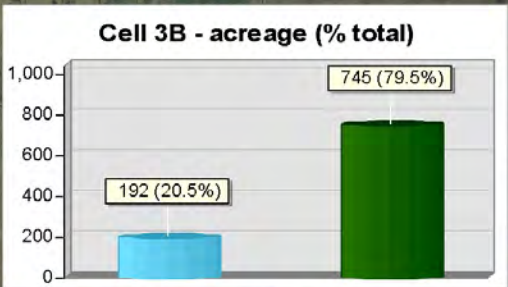
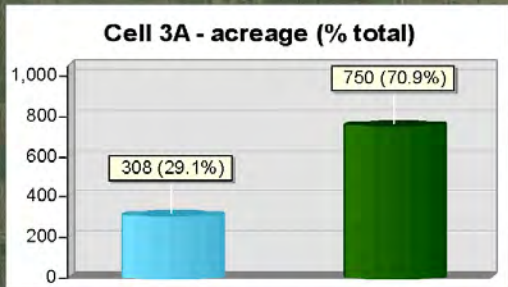
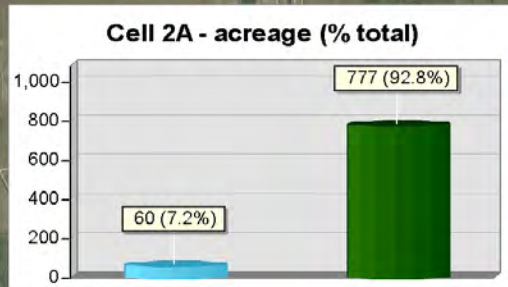
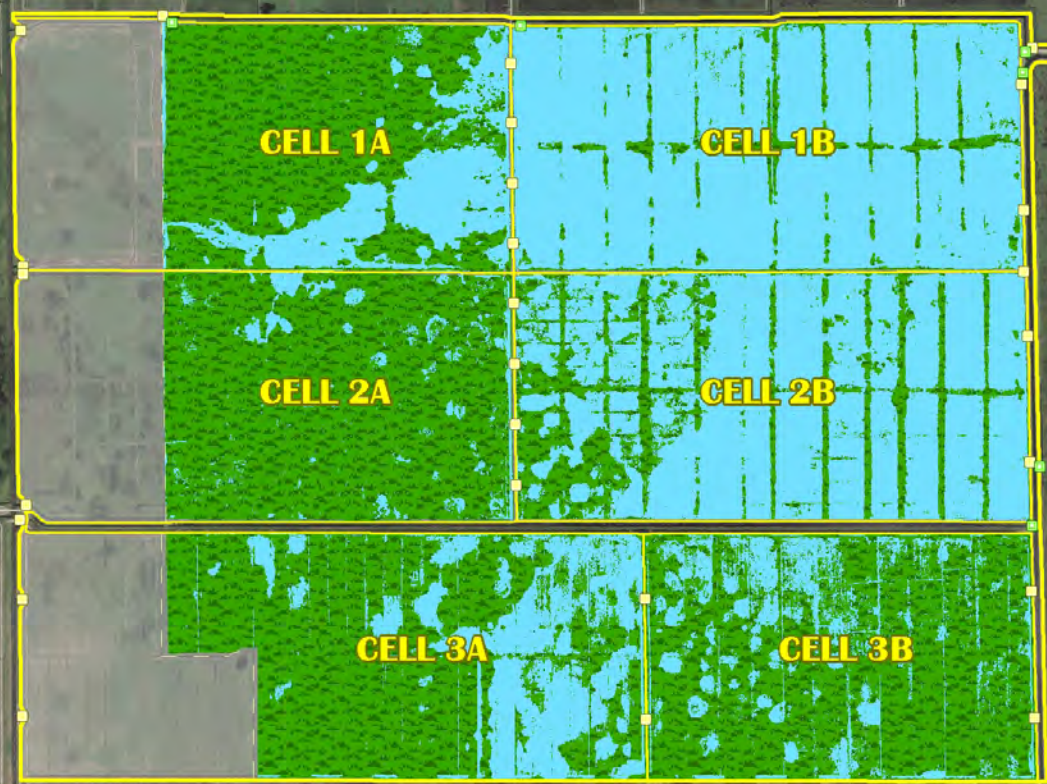
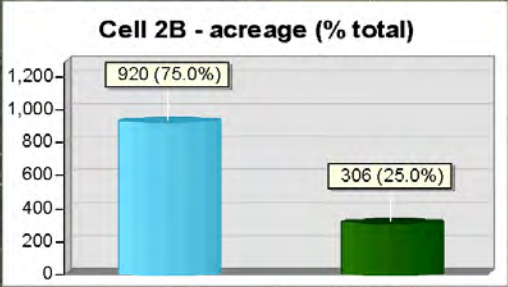
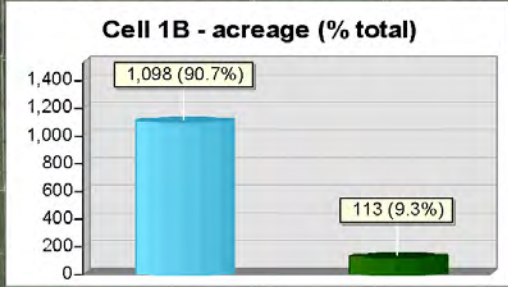
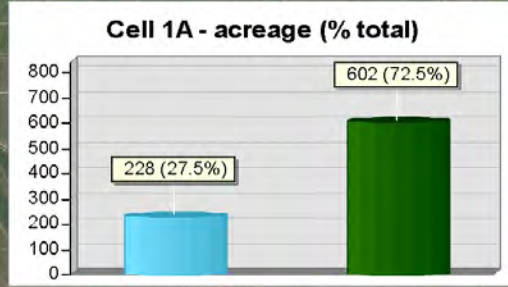
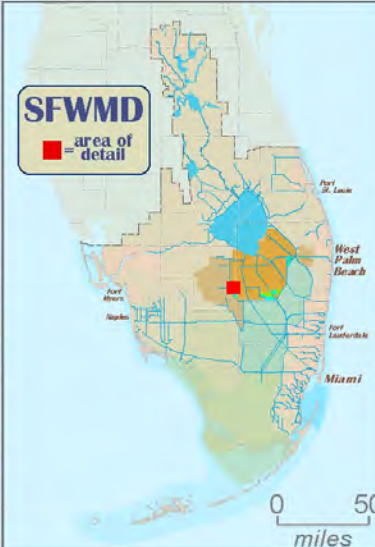
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2008

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Hendry County 1-Foot Natural Color Aerial Photography





STA-5

2009 Air Photo Classification Emergent Vegetation Coverage

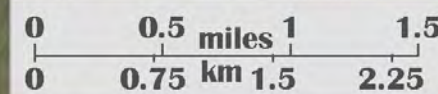
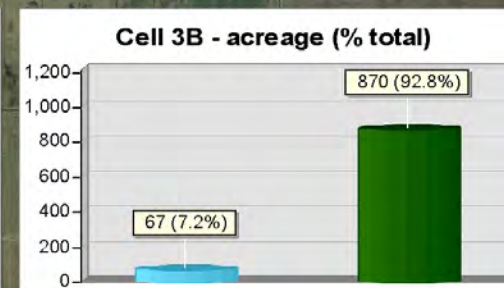
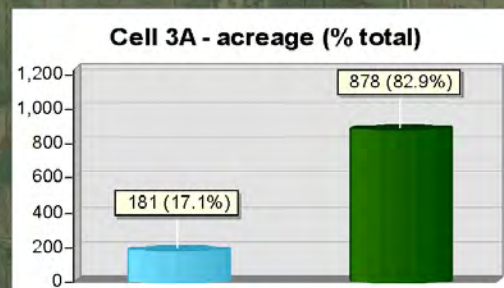
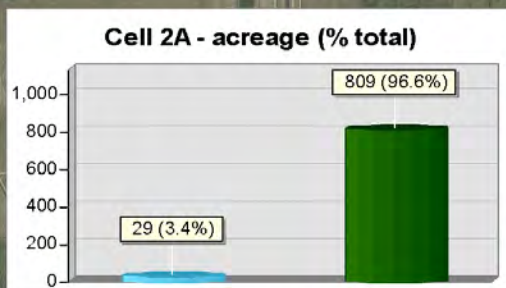
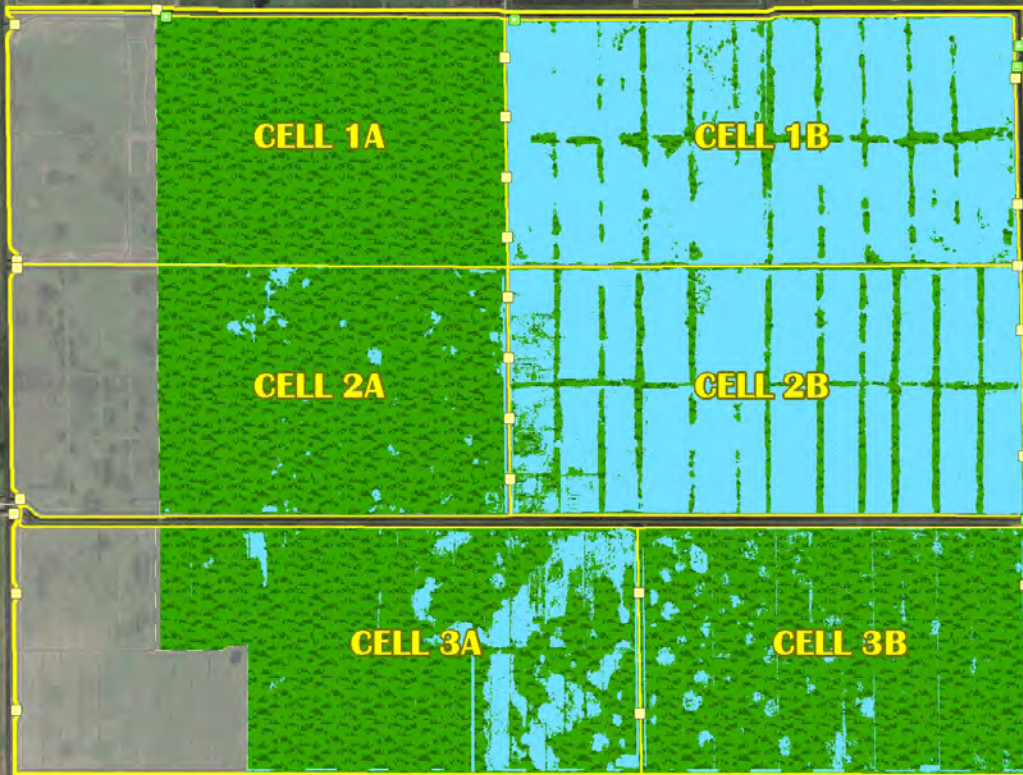
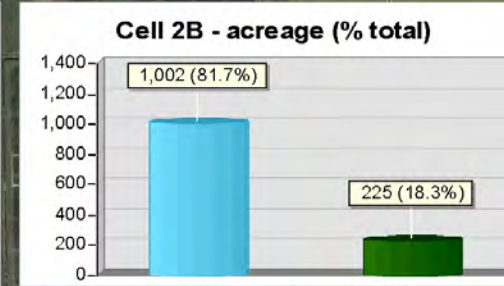
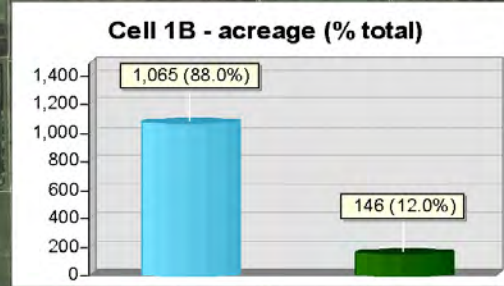
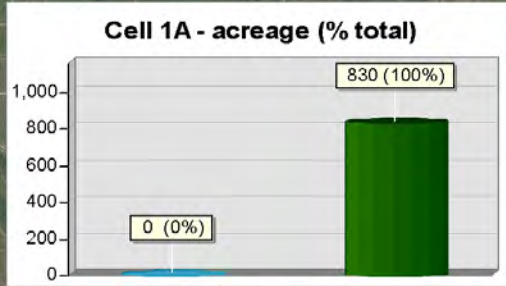
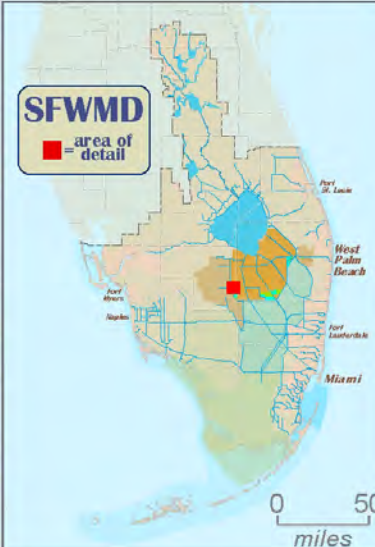
- emergent vegetation
- open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2009
(RASLIB.STA_2009_CIR_1FT_JPG)

STA/cell boundary

- Culvert
- Spillway
- Pump
- Weir

background imagery - 2008 Hendry County 1-Foot Natural Color Aerial Photography





STA-5

2010 Air Photo Classification Emergent Vegetation Coverage

emergent vegetation
 open water/SAV

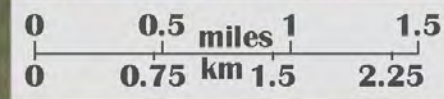
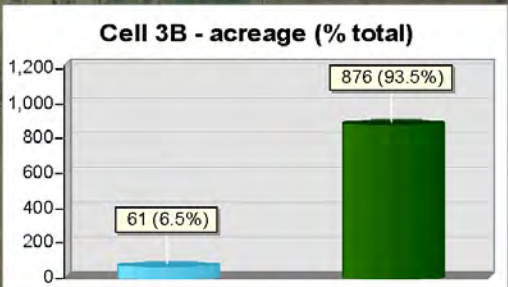
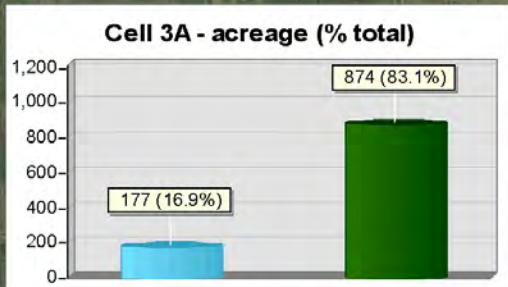
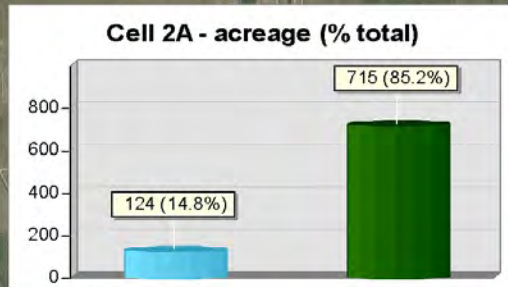
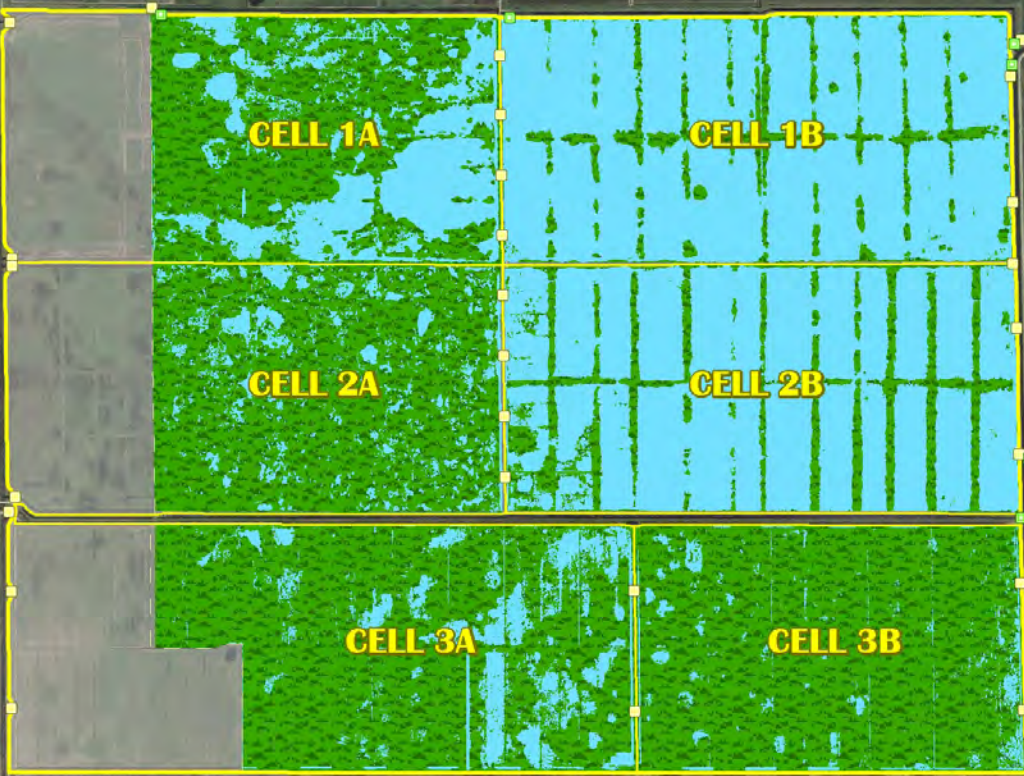
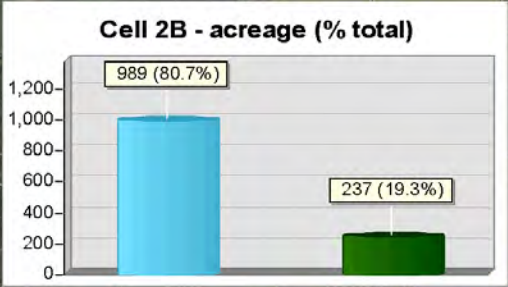
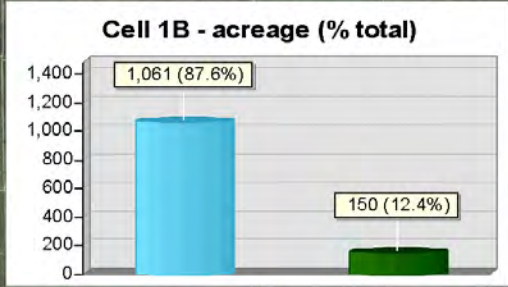
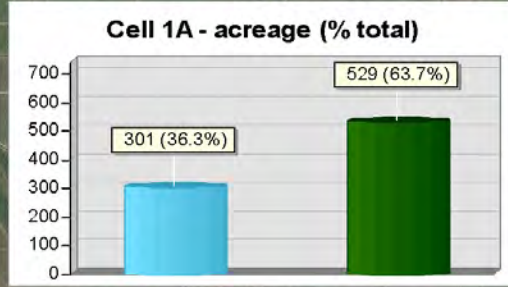
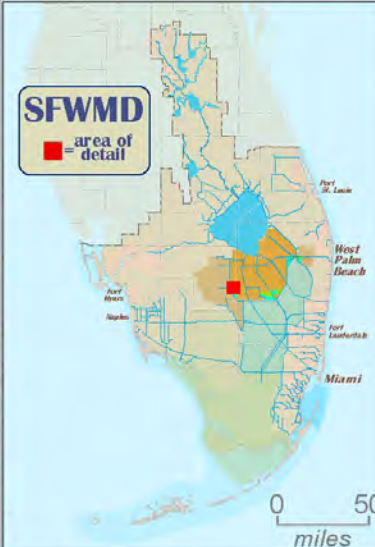
classification imagery - color infrared 1 foot resolution captured in May 2010

(\\gisdata1\traster\image_aerial\sta\STA_2010_CIR_1FT_IP2.lyr)

STA/cell boundary

Culvert Spillway
 Pump Weir

background imagery - 2008 Hendry County 1-Foot Natural Color Aerial Photography



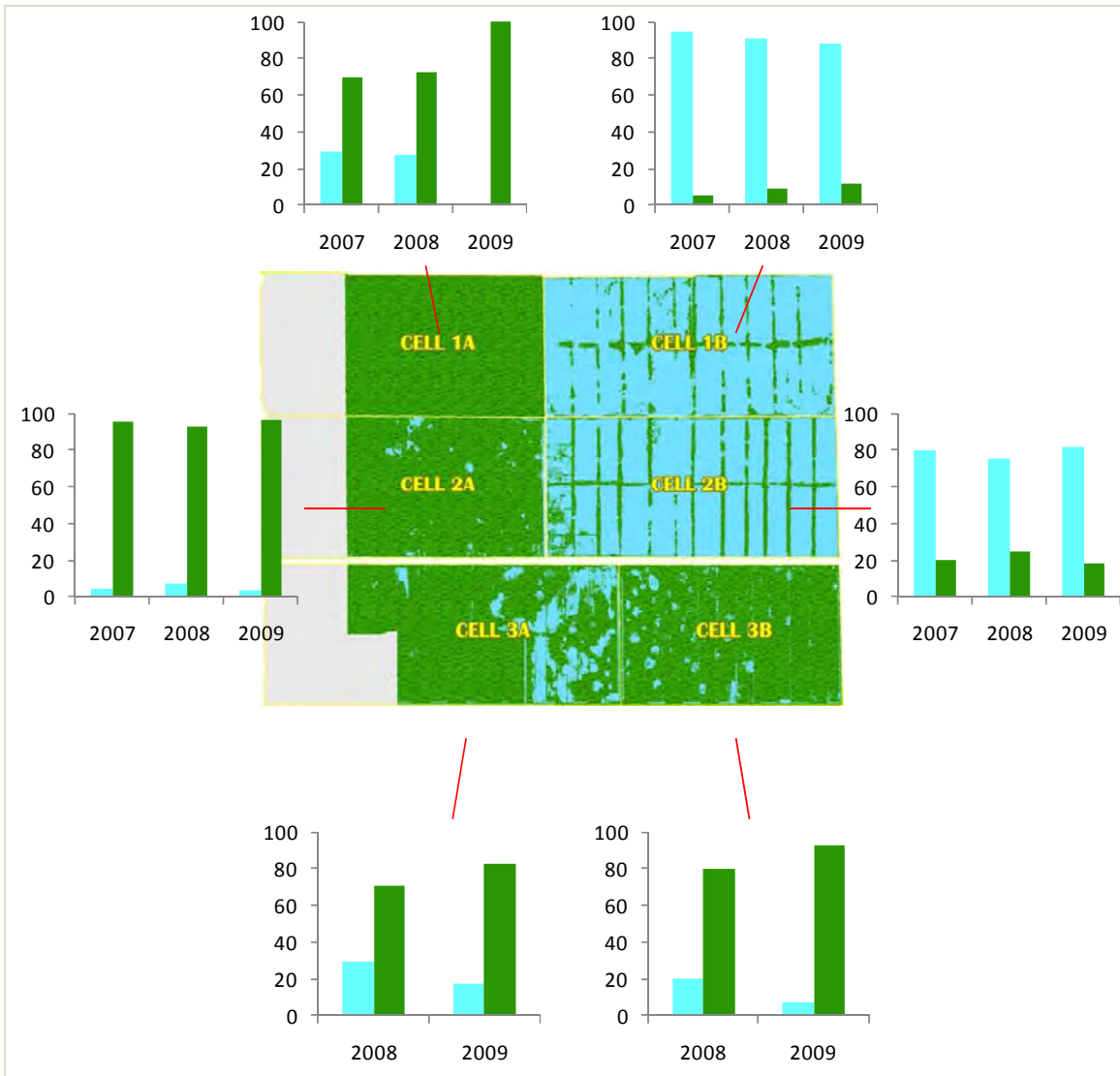
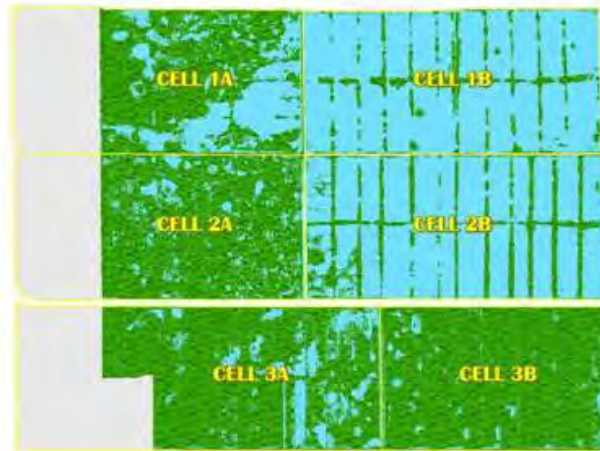


Figure 5. Changes in percent vegetation coverage in Stormwater Treatment Area 5 (STA-5) (2007–2009) based on aerial images. Blue bars and map area represent SAV-open water and green bars and map area represent EAV. The map shows vegetation coverage from the 2009 aerial images. Compiled by the SFWMD.



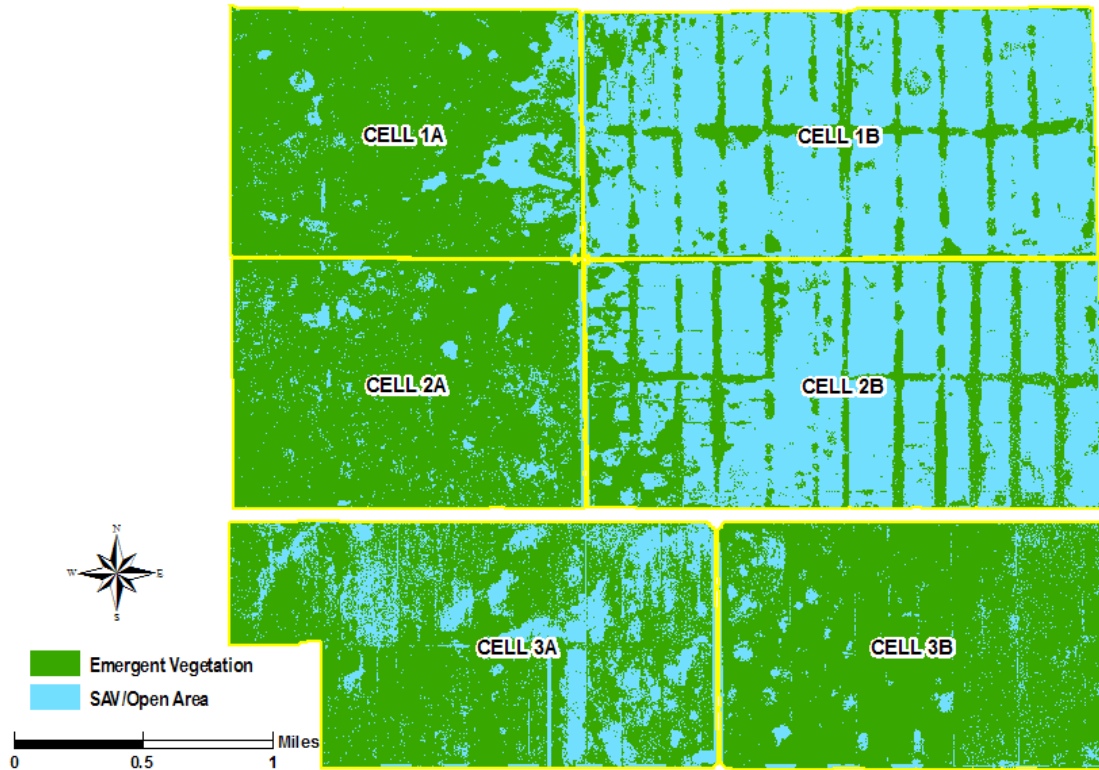
	Cell 1A	Cell 1B	Cell 2A	Cell 2B	Cell 3A	Cell 3B
EAV	64%	12%	85%	19%	83%	94%
SAV/open water	36%	88%	15%	81%	17%	6%



	Cell 3	Cell 5	Section 2
EAV	83%	92%	61%
SAV/open water	17%	8%	39%

Figure 3. Emergent and submerged aquatic vegetation (EAV and SAV/open water) in STA-5 (upper) and STA-6 (lower) on May 23, 2010.

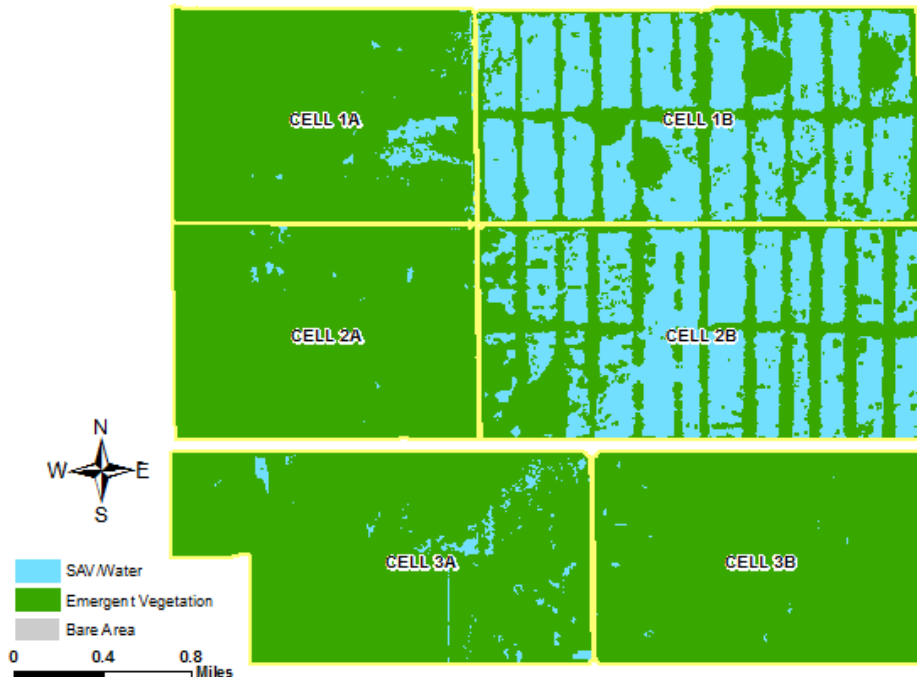
STORMWATER TREATMENT AREA 5



Cell	Vegetation Type	Estimated Coverage (acres)	Percent Total Coverage
Cell 1A	SAV/Open area	98	12.4
	EAV	736	87.6
Cell 1B	SAV/Open area	972	79.4
	EAV	252	20.6
Cell 2A	SAV/Open area	78	9.4
	EAV	765	90.6
Cell 2B	SAV/Open area	862	70.0
	EAV	370	30.0
Cell 3A	SAV/Open area	295	28.2
	EAV	752	71.8
Cell 3B	SAV/Open area	87	9.5
	EAV	833	90.5

STORMWATER TREATMENT AREA 5

Cell	Coverage Type	Estimated Coverage (acre)	% Coverage	Cell Area (acre)
Cell 1A	Water/SAV	93.14	11.09	840.21
	EAV	746.61	88.86	
	Bare Area	0.42	0.05	
Cell 1B	Water/SAV	913.92	74.71	1223.24
	EAV	307.89	25.17	
	Bare Area	1.21	0.10	
Cell 2A	Water/SAV	50.05	5.93	844.70
	EAV	794.40	94.05	
	Bare Area	0.25	0.03	
Cell 2B	Water/SAV	823.36	66.77	1233.08
	EAV	409.14	33.18	
	Bare Area	0.57	0.05	
Cell 3A	Water/SAV	172.15	16.44	1047.04
	EAV	874.67	83.54	
	Bare Area	0.22	0.02	
Cell 3B	Water/SAV	109.94	11.95	920.25
	EAV	809.03	87.91	
	Bare Area	1.27	0.14	





STA-6

2007 Air Photo Classification Emergent Vegetation Coverage

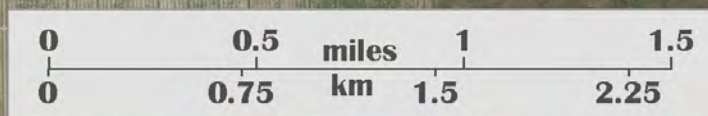
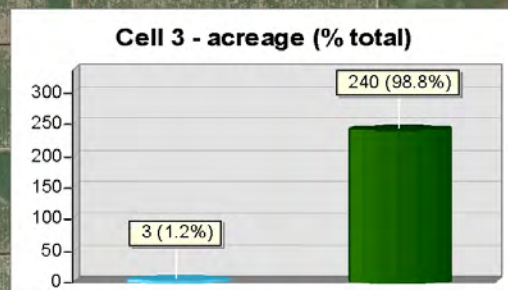
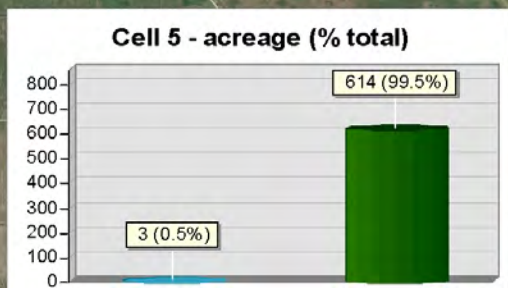
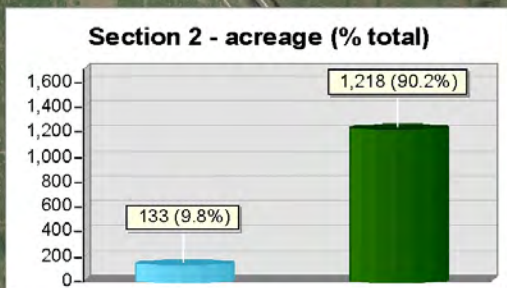
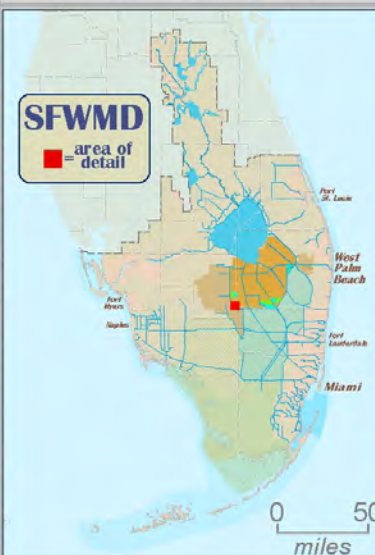
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2007

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Hendry County 1-Foot Natural Color Aerial Photography







STA-6

2008 Air Photo Classification Emergent Vegetation Coverage

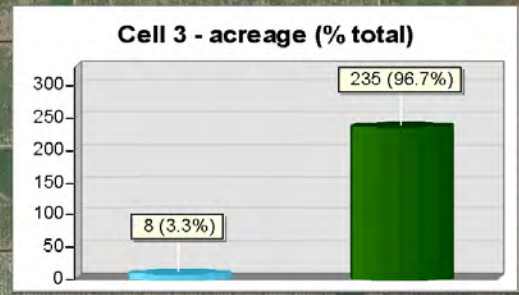
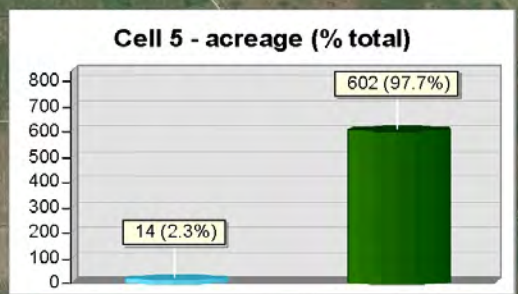
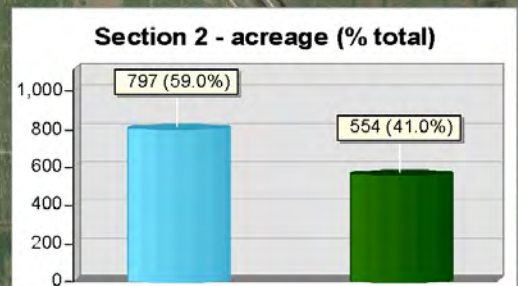
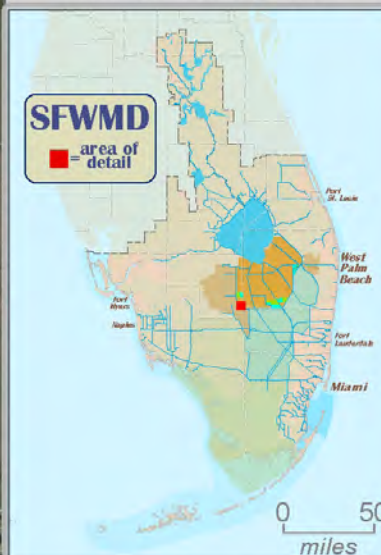
-  emergent vegetation
-  open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2008

 STA/cell boundary

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008 Hendry County 1-Foot Natural Color Aerial Photography





STA-6

2009 Air Photo Classification Emergent Vegetation Coverage

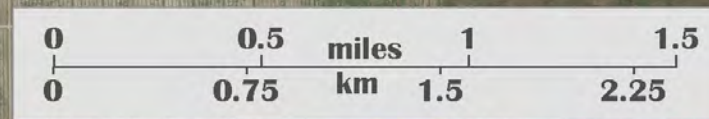
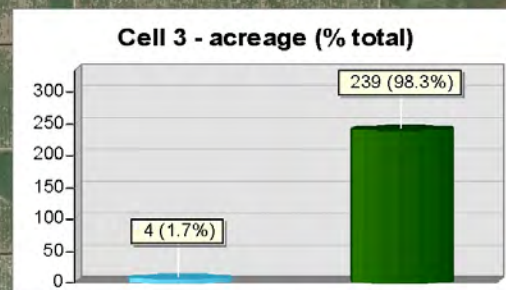
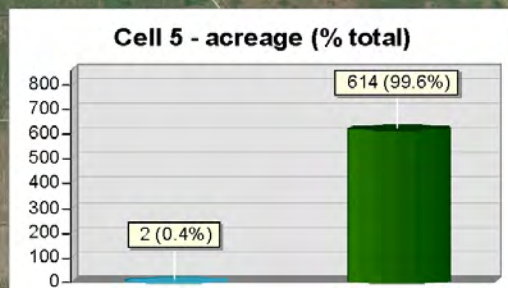
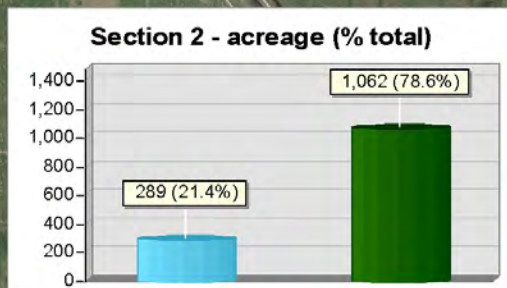
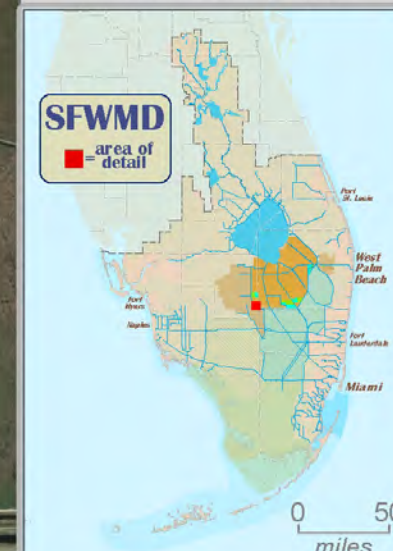
emergent vegetation
 open water/SAV

classification imagery - color infrared 1 foot resolution captured in April 2009 (RASLIB.STA_2009_CIR_1FT_JPG)

STA/cell boundary

Culvert Spillway
 Pump Weir

background imagery - 2008 Hendry County 1-Foot Natural Color Aerial Photography









STA-6

2010 Air Photo Classification Emergent Vegetation Coverage

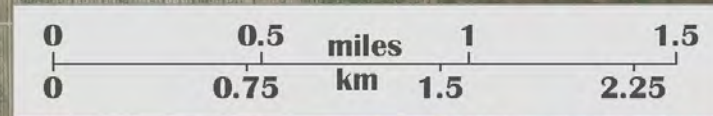
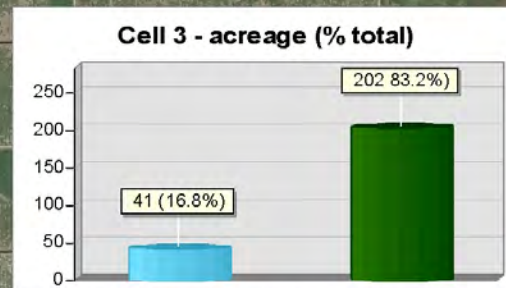
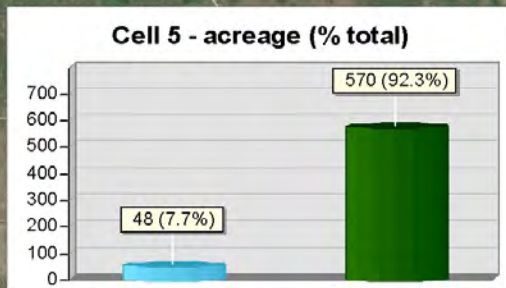
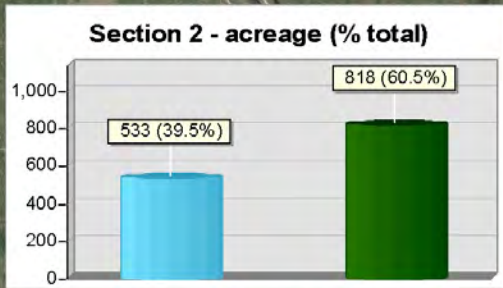
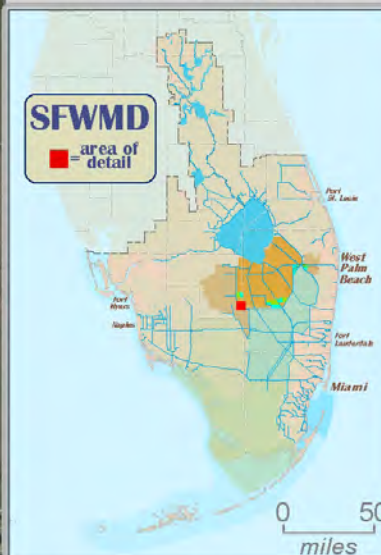
-  emergent vegetation
-  open water/SAV

classification imagery -
 color infrared 1 foot
 resolution captured
 in May 2010
 (\\gisdata1\rastror\image_aerial\sta\
 STA_2010_CIR_1FT_IP2.lyr)

 **STA/cell
 boundary**

-  Culvert
-  Spillway
-  Pump
-  Weir

background imagery - 2008
 Hendry County 1-Foot Natural
 Color Aerial Photography



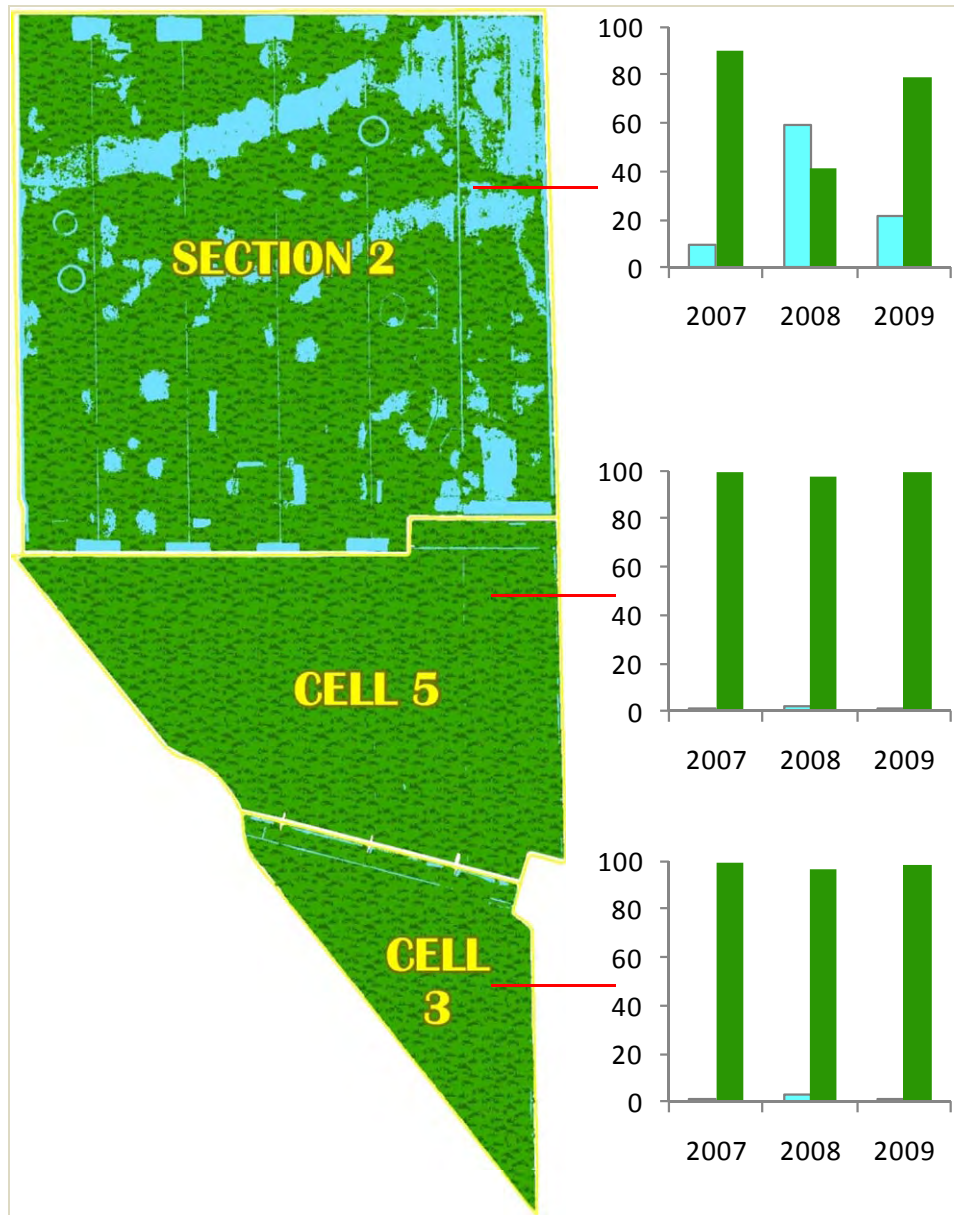
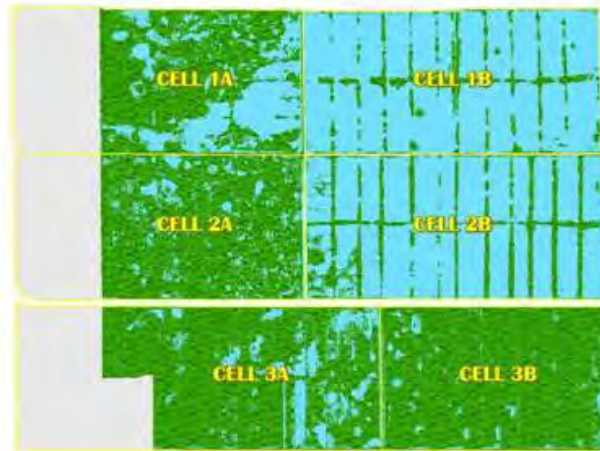


Figure 6. Changes in percent vegetation coverage in Stormwater Treatment Area 6 (STA-6) (2007–2009) based on aerial images. Blue bars and map area represent SAV-open water and green bars and map area represent EAV. The map shows vegetation coverage from the 2009 aerial images.
Compiled by the SFWMD.



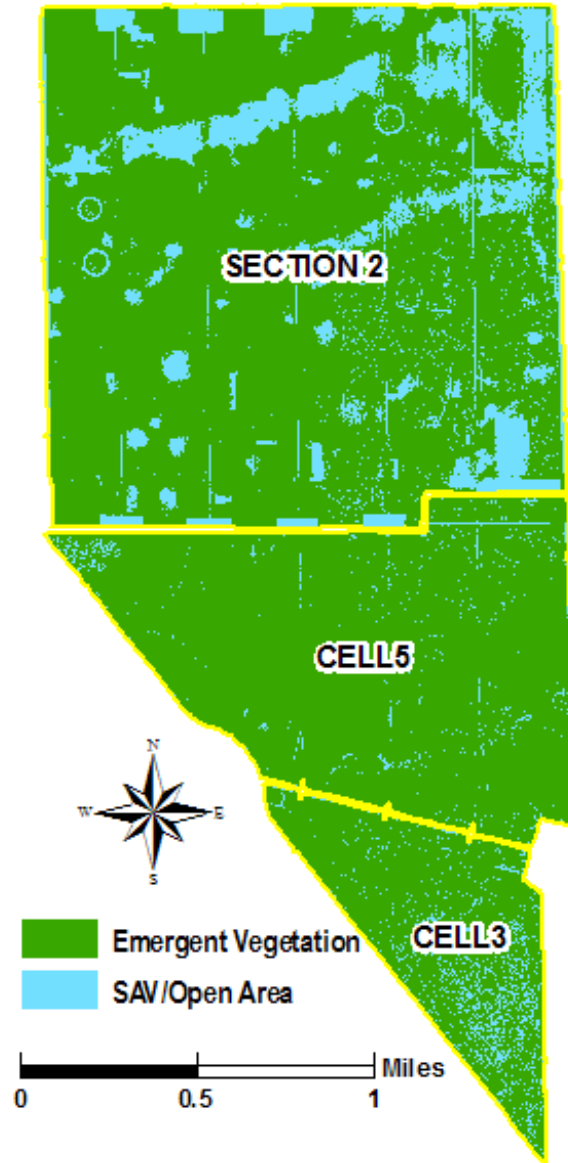
	Cell 1A	Cell 1B	Cell 2A	Cell 2B	Cell 3A	Cell 3B
EAV	64%	12%	85%	19%	83%	94%
SAV/open water	36%	88%	15%	81%	17%	6%



	Cell 3	Cell 5	Section 2
EAV	83%	92%	61%
SAV/open water	17%	8%	39%

Figure 3. Emergent and submerged aquatic vegetation (EAV and SAV/open water) in STA-5 (upper) and STA-6 (lower) on May 23, 2010.

STORMWATER TREATMENT AREA 6



Cell	Vegetation Type	Estimated Coverage (acres)	Percent Total Coverage
Section 2	SAV/Open area	267	19.9
	EAV	1091	80.1
Cell 3	SAV/Open area	34	14.0
	EAV	208	86.0
Cell 5	SAV/Open area	19	3.3
	EAV	600	96.7

STORMWATER TREATMENT AREA 6

Cell	Coverage Type	Estimated Coverage (acre)	% Coverage	Cell Area (acre)
Section 2	Water/SAV	191.89	14.10	1361.38
	EAV	1168.31	85.82	
	Bare Area	1.17	0.09	
Cell 3	Water/SAV	10.91	4.51	241.88
	EAV	230.76	95.40	
	Bare Area	0.20	0.08	
Cell 5	Water/SAV	7.90	1.27	621.15
	EAV	612.79	98.65	
	Bare Area	0.46	0.07	

