PMLevyCOLNPEm Resource

From: ^PNNL NRC Levy COL [nrc.levy.col@pnl.gov]
Sent: Thursday, July 23, 2009 8:28 AM
To: LevyCOL Resource
Subject: FW: Levy Project - FLUCCS Cover Types
Attachments: Buffers_beyond_1st_substation_all.xml; Buffers_to_1st_substation_all.htm; Buffers_to_1st_substation_all.xml; Corridors_beyond_1st_substation_indvid.htm; Corridors_to_1st_substation_all.htm; Corridors_to_1st_substation_all.xml; Corridors_beyond_1st_substation_all.htm; Corridors_beyond_1st_substation_all.xml; Buffers_beyond_1st_substation_all.htm

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From: Bill Baber [mailto:bbaber@jsanet.com]
Sent: Wednesday, July 22, 2009 2:48 PM
To: ^PNNL NRC Levy COL
Subject: Levy Project - FLUCCS Cover Types

From: Hoehn, Ted [mailto:ted.hoehn@MyFWC.com]
Sent: Monday, July 13, 2009 6:51 AM
To: Bill Baber
Cc: Stegen, Amanda
Subject: RE: Levy Project

Here is the analysis that you asked for. Let me know if you need anything else.

By the way- are you also doing the EA/EIS for the Crystal River Unit 3 Transmission lines? We have a new staffer down in that area that will be taking over "new projects/requests". But I will still be handling the Levy Project.

Ted Hoehn
Florida Fish and Wildlife Conservation Commission
Division of Habitat and Species Conservation
Habitat Conservation Scientific Services
620 S. Meridian Street, MS 2A
Tallahassee, FL 32399-1600
(850)410-0656 ext 17336; Cell 850-519-3106
Fax (850) 921-1847

From: Bill Baber [mailto:bbaber@jsanet.com]
Sent: Friday, July 10, 2009 7:32 PM
To: Hoehn, Ted
Cc: Stegen, Amanda
Subject: Levy Project

Hi Ted,

Hope things are going well with you, and thanks for the database results you provided. I'm hoping I can bug you one more time just for some refined info on FLUCCS cover types. I have attached 4 shape files for the transmission lines as follows:

T-line corridors up to the first substation;

T-line corridor buffers up to the first substation;
T-line corridors beyond the first substation; and
T-line corridor buffers beyond the first substation.

If you could query the database just for the SWFWMD 2006 FLUCCS cover types that lie within these areas, that would help me greatly. The overlap of corridors and buffers between some parts of the individual T-line segments in the first run didn't allow me to compile a cumulative acreage by individual cover types. So we have merged the shape files to account for this. Thanks again for your help.

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Bill

From: Hoehn, Ted [mailto:ted.hoehn@MyFWC.com]
Sent: Tuesday, May 26, 2009 8:17 AM
To: Bill Baber
Cc: Stegen, Amanda
Subject: RE: Levy Shape Files

Here are all the analysis files (zip file) for the shapefiles you sent. PLEASE NOTE: the data contained in the "Cultural Resources Output" is proprietary and if you want to use the information you need to contact our Department of State-Historic Preservation Office and request the information from them- I was not able to remove it to provide you the information in a timely fashion. Also, the FNAI- 2009 FLEO (Florida Element Occurrence Information) is also proprietary and again- you need to contact Florida Natural Areas Inventory to obtain their data. I am sure that they will provide it to you with an official request.

Let me know if you need anything else.

Ted Hoehn
Florida Fish and Wildlife Conservation Commission
Division of Habitat and Species Conservation
Habitat Conservation Scientific Services
620 S. Meridian Street, MS 2A
Tallahassee, FL 32399-1600
(850)410-0656 ext 17336; Cell 850-519-3106
Fax (850) 921-1847

From: Bill Baber [mailto:BBaber@jsanet.com]
Sent: Monday, May 18, 2009 8:24 PM
To: Hoehn, Ted

Cc: Stegen, Amanda
Subject: Levy Shape Files

Hi Ted,

Thanks for taking the time last week to discuss FFWCC's expectations regarding the proposed Levy nuclear power plant. Per our conversation, a zipped file is attached that includes the following Levy shape files, as summarized below:

3 shape files associated with the LNP Site.

1. Development footprint;
2. The remaining lands on the LNP site that will not be developed; and
3. A 6-mile buffer surrounding the perimeter of the LNP site.

9 shape files broken out by common corridors that capture the remaining off-site project features, and a separate companion buffer around each corridor (Total = 18 shape files).

1a) LNP Site – Cross Florida Barge Canal (CFBC) Common Corridor. This is a 1-mile wide corridor centered on the four 500 kV transmission lines that extends south from the LNP site to the CFBC. It includes these associated features:

- Portions of four 500 kV transmission lines
- One 69 kV transmission line (the IO South line – this may be considered an after-the–first-substation line)
- Heavy haul road
- Barge slip
- Barge slip access road
- Makeup water pumphouse
- Makeup pipeline
- Portion of blowdown pipeline
- Access roads

1b) A ½-mile wide buffer added to each side of this corridor.

2a) Blowdown Pipeline. It extends from the LNP Site - CFBC Common Corridor to the Crystal River Energy Complex (CREC). It includes these features:

- Portion (most) of the blowdown pipeline
- Access roads

2b) A ¼-mile wide buffer added to each side of the pipeline corridor.

3a) CFBC – Citrus Substation Common Corridor. This is a 1-mile wide corridor centered on the four 500 kV transmission lines that extends south from the CFBC towards the Citrus substation. It includes these features:

- Portions of four 500 kV transmission lines
- Citrus Substation
- Portions of two 230 kV transmission lines (are *after-the–first-substation* lines - the Citrus Substation to Crystal River East Substation lines)
- Transmission line access roads

3b) A ½-mile wide buffer added to each side of this corridor.

4a) Citrus Substation – CREC Corridor. This is a 1-mile wide corridor centered on a 500 kV transmission line that extends west from about the Citrus Substation towards the CREC. It includes these features:

- Portion of one 500 kV transmission line
- Transmission line access roads

4b) A ½-mile wide buffer added to each side of this corridor.

5a) CFBC – Citrus Substation Common Corridor to the Central Florida South Substation. This is a 1,000 foot to 1-mile wide corridor centered on a 500 kV transmission line that extends east from the CFBC – Citrus Substation Common Corridor towards the Central Florida South substation. It includes these features:

- Portion of one 500 kV transmission line
- Central Florida South Substation
- Transmission line access roads

5b) A ½-mile wide buffer added to each side of this corridor.

6a) CREC – Brookridge Substation Corridor. This is a 1,000 foot to 1-mile wide corridor centered on a 230 kV transmission line that extends south from the CREC to the Brookridge Substation. It includes these features:

- One 230 kV transmission line (an *after-the–first-substation* line)
- Transmission line access roads

6b) A ½-mile wide buffer added to each side of this corridor.

7a) Brookridge Substation - Brookville West Substation Corridor. This is a 1,000 foot to 1-mile wide corridor centered on a 230 kV transmission line that extends south from the Brookridge Substation to the Brookville West Substation. It includes these features:

- One 230 kV transmission line (an *after-the–first-substation* line)
- Transmission line access roads

7b) A ½-mile wide buffer added to each side of this corridor.

8a) Polk-Hillsborough-Pinellas Corridor. This is a 300 foot to 1,000 foot wide corridor centered on a 230 kV transmission line that extends south and west from the Kathleen Substation in Polk County to the Lake Tarpon Substation in Pinellas County. It includes these features:

- One 230 kV transmission line (an *after-the–first-substation* line)
- Transmission line access roads

8b) A ½-mile wide buffer added to each side of this corridor.

9a) IS North Corridor. This is a 400 foot wide corridor centered on a 69 kV transmission line that extends west from the LNP west boundary to US Highway 19. It includes these features:

- One 69 kV transmission line (may be considered an *after-the–first-substation* line)
- Transmission line access roads

9b) A ½-mile wide buffer added to each side of this corridor.

If you could generate a report from your database that assesses these corridors for important species and habitat, that would help me immensely in my evaluation. Let me know if you need anything else to do this assessment. Call me if you want to talk through things.

Thanks,

Bill

Daniel W. (Bill) Baber, Ph.D
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Hearing Identifier: Levy_County_COL_NonPublic
Email Number: 874

Mail Envelope Properties (F5AE23597BB01041B899D7EA9062F88D01317268)

Subject: FW: Levy Project - FLUCCS Cover Types
Sent Date: 7/23/2009 8:27:53 AM
Received Date: 7/23/2009 8:28:05 AM
From: ^PNNL NRC Levy COL

Created By: nrc.levy.col@pnl.gov

Recipients:
"LevyCOL Resource" <LevyCOL.Resource@nrc.gov>
Tracking Status: None

Post Office: EMAIL02.pnl.gov

Files	**Size**	**Date & Time**
MESSAGE	9319	7/23/2009 8:28:05 AM
Buffers_beyond_1st_substation_all.xml	26905	
Buffers_to_1st_substation_all.htm	11309	
Buffers_to_1st_substation_all.xml	44986	
Corridors_beyond_1st_substation_indvid.htm	64	
Corridors_to_1st_substation_all.htm	10151	
Corridors_to_1st_substation_all.xml	39240	
Corridors_beyond_1st_substation_all.htm	7040	
Corridors_beyond_1st_substation_all.xml	24016	
Buffers_beyond_1st_substation_all.htm	7616	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Environmental Resource Analysis

Buffers_to_1st_substation_all FLUCCS Only

Analysis Shape Type: Polygon
Analysis Timestamp: 07132009 09:37:05
Shape Name: Buffers_to_1st_substation_all
Boundary Area: 43612.73 acres
Buffer Area: 0 acres
Total Area: 43612.73 acres

Landcover

SWFWMD Landuse Landcover 2006

FLUCCS Land Cover Code	Description	Total Area (acres)	Percent of Area
1600	EXTRACTIVE	427.07	0.98 %
2100	CROPLAND AND PASTURELAND	7,376.17	16.92 %
6410	FRESHWATER MARSHES	1,080.39	2.48 %
6430	WET PRAIRIES	310.00	0.71 %
4340	HARDWOOD CONIFER MIXED	4,087.24	9.38 %
5200	LAKES	179.75	0.41 %
5300	RESERVOIRS	329.90	0.76 %
1100	RESIDENTIAL LOW DENSITY < 2 DWELLING UNITS	5,607.75	12.86 %
6440	EMERGENT AQUATIC VEGETATION	170.34	0.39 %
2140	ROW CROPS	192.47	0.44 %
6150	STREAM AND LAKE SWAMPS (BOTTOMLAND)	2,520.98	5.78 %
2600	OTHER OPEN LANDS <RURAL>	2,006.75	4.6 %
6300	WETLAND FORESTED MIXED	723.87	1.66 %
4400	TREE PLANTATIONS	3,751.13	8.6 %
7400	DISTURBED LAND	46.72	0.11 %
8100	TRANSPORTATION	299.73	0.69 %
1300	RESIDENTIAL HIGH DENSITY	145.35	0.33 %
8300	UTILITIES	249.81	0.57 %
1900	OPEN LAND	5,949.81	13.65 %
4120	LONGLEAF PINE - XERIC OAK	3,319.39	7.61 %
6530	INTERMITTENT PONDS	101.83	0.23 %
4100	UPLAND CONIFEROUS FOREST	633.53	1.45 %
6210	CYPRESS	301.18	0.69 %
1820	GOLF COURSES	81.38	0.19 %
1700	INSTITUTIONAL	83.62	0.19 %
2500	SPECIALTY FARMS	396.30	0.91 %
3200	SHRUB AND BRUSHLAND	682.45	1.57 %
6420	SALTWATER MARSHES	389.52	0.89 %
4110	PINE FLATWOODS	413.65	0.95 %
1400	COMMERCIAL AND SERVICES	190.68	0.44 %
1800	RECREATIONAL	39.94	0.09 %
5100	STREAMS AND WATERWAYS	72.76	0.17 %
5400	BAYS AND ESTUARIES	36.42	0.08 %
1200	RESIDENTIAL MED DENSITY 2->5 DWELLING UNIT	431.67	0.99 %
3300	MIXED RANGELAND	2.06	0 %
4200	UPLAND HARDWOOD FORESTS - PART 1	42.90	0.1 %
1500	INDUSTRIAL	107.61	0.25 %
2400	NURSERIES AND VINEYARDS	43.81	0.1 %
3100	HERBACEOUS	8.02	0.02 %
5720	GULF OF MEXICO	4.83	0.01 %
	TOTAL:	42,838.80	98.26 %

SJRWMD Landuse Landcover 2000

Land Cover code	Description	Total Area (acres)	Percent of Area
1300	1300: Residential, high density - 6 or more dwelling units/acre	18.89	0.04 %
6170	6170: Mixed wetland hardwoods	734.25	1.68 %
5300	5300: Reservoirs - pits, retention ponds, dams	14.25	0.03 %
6460	6460: Mixed scrub-shrub wetland	256.37	0.59 %
8320	8320: Electrical power transmission lines	1.28	0 %
6410	6410: Freshwater marshes	93.11	0.21 %
4340	4340: Upland mixed coniferous/hardwood	94.96	0.22 %
3100	3100: Herbaceous upland nonforested	24.34	0.06 %
2130	2130: Woodland pastures	173.15	0.4 %
6300	6300: Wetland forested mixed	138.02	0.32 %

2110	2110: Improved pastures (monocult, planted forage crops)	1,669.54	3.83 %
8140	8140: Roads and highways (divided 4-lanes with medians)	24.11	0.06 %
5250	5250: Open water within a freshwater marsh / Marshy Lakes	34.41	0.08 %
6430	6430: Wet prairies	89.16	0.2 %
1600	1600: Extractive	1.15	0 %
5200	5200: Lakes	13.88	0.03 %
4430	4430: Forest regeneration	633.90	1.45 %
4410	4410: Coniferous pine	5.93	0.01 %
4200	4200: Upland hardwood forests	6.37	0.01 %
2150	2150: Field crops	154.72	0.35 %
6440	6440: Emergent aquatic vegetation	0.92	0 %
1100	1100: Residential, low density - less than 2 dwelling units/acre	278.38	0.64 %
1620	1620: Sand & gravel pits (must be active)	64.38	0.15 %
3200	3200: Shrub and brushland (wax myrtle or saw palmetto, occasionally scru	8.19	0.02 %
2120	2120: Unimproved pastures	17.66	0.04 %
1660	1660: Holding ponds	13.25	0.03 %
4130	4130: Sand pine	817.71	1.87 %
4120	4120: Longleaf pine - xeric oak	170.31	0.39 %
4130	1180: Rural residential	0.02	0 %
3300	3300: Mixed upland nonforested	2.92	0.01 %
2500	2500: Specialty farms	8.92	0.02 %
4110	1920: Inactive land with street pattern but no structures	725.13	1.66 %
1820	1820: Golf courses	37.68	0.09 %
3100	1920: Inactive land with street pattern but no structures	8.73	0.02 %
	TOTAL:	6,335.97	14.53 %

SFWMD Landuse Landcover 2004

No Records Found

Environmental Resource Analysis

Corridors_to_1st_substation_all FLUCCS Only

Analysis Shape Type: Polygon
Analysis Timestamp: 07132009 09:10:52
Shape Name: NRC_Corridors_to_1st_substation_all
Boundary Area: 23662.86 acres
Buffer Area: 0 acres
Total Area: 23662.86 acres

Landcover

SWFWMD Landuse Landcover 2006

FLUCCS Land Cover Code	Description	Total Area (acres)	Percent of Area
1600	EXTRACTIVE	215.91	0.91 %
6430	WET PRAIRIES	234.20	0.99 %
1100	RESIDENTIAL LOW DENSITY < 2 DWELLING UNITS	1,547.06	6.54 %
5300	RESERVOIRS	67.50	0.29 %
5200	LAKES	73.46	0.31 %
6410	FRESHWATER MARSHES	793.96	3.36 %
4400	TREE PLANTATIONS	1,945.60	8.23 %
6440	EMERGENT AQUATIC VEGETATION	73.12	0.31 %
6300	WETLAND FORESTED MIXED	492.38	2.08 %
2140	ROW CROPS	292.00	1.23 %
1400	COMMERCIAL AND SERVICES	183.75	0.78 %
2100	CROPLAND AND PASTURELAND	5,737.45	24.26 %
7400	DISTURBED LAND	113.54	0.48 %
8100	TRANSPORTATION	585.00	2.47 %
4340	HARDWOOD CONIFER MIXED	2,816.10	11.91 %
6150	STREAM AND LAKE SWAMPS (BOTTOMLAND)	715.60	3.03 %
6530	INTERMITTENT PONDS	26.22	0.11 %
1900	OPEN LAND	2,096.83	8.86 %
4100	UPLAND CONIFEROUS FOREST	200.75	0.85 %
4120	LONGLEAF PINE - XERIC OAK	832.57	3.52 %
8300	UTILITIES	2,069.31	8.75 %
2600	OTHER OPEN LANDS <RURAL>	990.00	4.19 %
6210	CYPRESS	191.58	0.81 %
3200	SHRUB AND BRUSHLAND	248.15	1.05 %
6420	SALTWATER MARSHES	99.98	0.42 %
4110	PINE FLATWOODS	201.65	0.85 %
1800	RECREATIONAL	58.73	0.25 %
5100	STREAMS AND WATERWAYS	243.42	1.03 %
1700	INSTITUTIONAL	27.29	0.12 %
3300	MIXED RANGELAND	23.51	0.1 %
1200	RESIDENTIAL MED DENSITY 2->5 DWELLING UNIT	23.92	0.1 %
4200	UPLAND HARDWOOD FORESTS - PART 1	61.73	0.26 %
1300	RESIDENTIAL HIGH DENSITY	55.48	0.23 %
1500	INDUSTRIAL	102.67	0.43 %
2500	SPECIALTY FARMS	21.89	0.09 %
2400	NURSERIES AND VINEYARDS	2.99	0.01 %
5400	BAYS AND ESTUARIES	2.57	0.01 %
	TOTAL:	23,467.89	99.21 %

SJRWMD Landuse Landcover 2000

Land Cover code	Description	Total Area (acres)	Percent of Area
6460	6460: Mixed scrub-shrub wetland	13.15	0.06 %
2130	2130: Woodland pastures	49.83	0.21 %
2110	2110: Improved pastures (monocult, planted forage crops)	2,273.98	9.61 %
8140	8140: Roads and highways (divided 4-lanes with medians)	151.58	0.64 %
4340	4340: Upland mixed coniferous/hardwood	2.12	0.01 %
1100	1100: Residential, low density - less than 2 dwelling units/acre	12.99	0.05 %
1600	1600: Extractive	29.29	0.12 %
4430	4430: Forest regeneration	260.58	1.1 %
6170	6170: Mixed wetland hardwoods	46.20	0.2 %
6410	6410: Freshwater marshes	28.70	0.12 %
6430	6430: Wet prairies	69.73	0.29 %
5200	5200: Lakes	14.91	0.06 %
1400	1400: Commercial and services	35.35	0.15 %

2140	2140: Row crops	63.03	0.27 %
4410	4410: Coniferous pine	6.21	0.03 %
6440	6440: Emergent aquatic vegetation	5.89	0.02 %
5250	5250: Open water within a freshwater marsh / Marshy Lakes	13.18	0.06 %
3100	3100: Herbaceous upland nonforested	78.41	0.33 %
5300	5300: Reservoirs - pits, retention ponds, dams	0.56	0 %
6300	6300: Wetland forested mixed	13.80	0.06 %
8200	8200: Communications	3.45	0.01 %
2150	2150: Field crops	16.10	0.07 %
1620	1620: Sand & gravel pits (must be active)	1.40	0.01 %
4130	4130: Sand pine	111.47	0.47 %
8320	8320: Electrical power transmission lines	81.82	0.35 %
4120	4120: Longleaf pine - xeric oak	31.28	0.13 %
4110	1920: Inactive land with street pattern but no structures	164.00	0.69 %
	TOTAL:	3,579.01	15.13 %

SFWMD Landuse Landcover 2004

No Records Found

Environmental Resource Analysis

Corridors_beyond_1st_substation_indvid FLUCCS Only

Analysis Shape Type: Polygon
Analysis Timestamp: 07132009 09:33:24
Shape Name: Corridors_beyond_1st_substation_all
Boundary Area: 8719.31 acres
Buffer Area: 0 acres
Total Area: 8719.31 acres

Landcover

SWFWMD Landuse Landcover 2006

FLUCCS Land Cover Code	Description	Total Area (acres)	Percent of Area
6410	FRESHWATER MARSHES	211.43	2.43 %
5300	RESERVOIRS	60.26	0.69 %
4340	HARDWOOD CONIFER MIXED	272.39	3.13 %
1100	RESIDENTIAL LOW DENSITY < 2 DWELLING UNITS	2,123.19	24.36 %
6440	EMERGENT AQUATIC VEGETATION	7.60	0.09 %
2100	CROPLAND AND PASTURELAND	757.36	8.69 %
1600	EXTRACTIVE	41.08	0.47 %
1200	RESIDENTIAL MED DENSITY 2->5 DWELLING UNIT	375.97	4.31 %
2600	OTHER OPEN LANDS <RURAL>	101.55	1.17 %
1500	INDUSTRIAL	34.54	0.4 %
6200	WETLAND CONIFEROUS FORESTS	5.94	0.07 %
2400	NURSERIES AND VINEYARDS	17.32	0.2 %
6430	WET PRAIRIES	16.17	0.19 %
1900	OPEN LAND	843.21	9.67 %
6210	CYPRESS	119.59	1.37 %
6150	STREAM AND LAKE SWAMPS (BOTTOMLAND)	103.60	1.19 %
2200	TREE CROPS	78.83	0.9 %
6300	WETLAND FORESTED MIXED	96.65	1.11 %
2500	SPECIALTY FARMS	7.67	0.09 %
8300	UTILITIES	1,112.54	12.76 %
4400	TREE PLANTATIONS	179.41	2.06 %
2300	FEEDING OPERATIONS	13.48	0.15 %
2140	ROW CROPS	17.43	0.2 %
6530	INTERMITTENT PONDS	15.66	0.18 %
1800	RECREATIONAL	19.32	0.22 %
5100	STREAMS AND WATERWAYS	4.04	0.05 %
1300	RESIDENTIAL HIGH DENSITY	114.53	1.31 %
3200	SHRUB AND BRUSHLAND	147.36	1.69 %
3300	MIXED RANGELAND	3.82	0.04 %
1700	INSTITUTIONAL	16.16	0.19 %
5200	LAKES	58.35	0.67 %
7400	DISTURBED LAND	32.33	0.37 %
1400	COMMERCIAL AND SERVICES	114.71	1.32 %
4110	PINE FLATWOODS	75.25	0.86 %
8100	TRANSPORTATION	46.03	0.53 %
1820	GOLF COURSES	29.40	0.34 %
4120	LONGLEAF PINE - XERIC OAK	1,393.72	15.99 %
4100	UPLAND CONIFEROUS FOREST	43.64	0.5 %
3100	HERBACEOUS	5.01	0.06 %
	TOTAL:	8,716.55	100 %

SJRWMD Landuse Landcover 2000

No Records Found

SFWMD Landuse Landcover 2004

No Records Found

Environmental Resource Analysis

Buffers_beyond_1st_substation_all FLUCCS Only

Analysis Shape Type: Polygon
Analysis Timestamp: 07132009 09:42:28
Shape Name: Buffers_beyond_1st_substation_all
Boundary Area: 55764.41 acres
Buffer Area: 0 acres
Total Area: 55764.41 acres

Landcover

SWFWMD Landuse Landcover 2006

FLUCCS Land Cover Code	Description	Total Area (acres)	Percent of Area
2600	OTHER OPEN LANDS <RURAL>	804.87	1.44 %
6440	EMERGENT AQUATIC VEGETATION	123.18	0.22 %
5300	RESERVOIRS	697.48	1.25 %
6300	WETLAND FORESTED MIXED	1,612.47	2.89 %
6410	FRESHWATER MARSHES	1,440.13	2.58 %
6210	CYPRESS	1,927.21	3.46 %
1800	RECREATIONAL	342.77	0.61 %
6150	STREAM AND LAKE SWAMPS (BOTTOMLAND)	2,814.03	5.05 %
4340	HARDWOOD CONIFER MIXED	2,307.74	4.14 %
1100	RESIDENTIAL LOW DENSITY < 2 DWELLING UNITS	11,769.11	21.11 %
6430	WET PRAIRIES	225.44	0.4 %
6200	WETLAND CONIFEROUS FORESTS	49.72	0.09 %
1900	OPEN LAND	3,427.48	6.15 %
5200	LAKES	472.98	0.85 %
2500	SPECIALTY FARMS	128.09	0.23 %
1700	INSTITUTIONAL	320.68	0.58 %
2100	CROPLAND AND PASTURELAND	6,368.77	11.42 %
2200	TREE CROPS	718.12	1.29 %
4400	TREE PLANTATIONS	1,546.75	2.77 %
1200	RESIDENTIAL MED DENSITY 2->5 DWELLING UNIT	4,824.75	8.65 %
1300	RESIDENTIAL HIGH DENSITY	2,347.16	4.21 %
6530	INTERMITTENT PONDS	75.22	0.13 %
1500	INDUSTRIAL	270.13	0.48 %
1400	COMMERCIAL AND SERVICES	490.84	0.88 %
2140	ROW CROPS	525.75	0.94 %
2400	NURSERIES AND VINEYARDS	311.41	0.56 %
7400	DISTURBED LAND	235.74	0.42 %
1600	EXTRACTIVE	462.56	0.83 %
3300	MIXED RANGELAND	54.60	0.1 %
3200	SHRUB AND BRUSHLAND	1,033.12	1.85 %
2300	FEEDING OPERATIONS	97.60	0.18 %
8300	UTILITIES	476.39	0.85 %
4110	PINE FLATWOODS	789.00	1.42 %
8100	TRANSPORTATION	472.97	0.85 %
5100	STREAMS AND WATERWAYS	68.41	0.12 %
2550	TROPICAL FISH FARMS	35.21	0.06 %
1820	GOLF COURSES	644.64	1.16 %
4100	UPLAND CONIFEROUS FOREST	114.37	0.21 %
6400	VEGETATED NON-FORESTED WETLANDS	3.12	0.01 %
4120	LONGLEAF PINE - XERIC OAK	5,235.04	9.39 %
6100	WETLAND HARDWOOD FORESTS	8.28	0.01 %
6110	BAY SWAMPS	39.40	0.07 %
4200	UPLAND HARDWOOD FORESTS - PART 1	18.48	0.03 %
8200	COMMUNICATIONS	14.27	0.03 %
	TOTAL:	55,745.49	100 %

SJRWMD Landuse Landcover 2000

No Records Found

SFWMD Landuse Landcover 2004

No Records Found