

Frog Pond Geographical Information System

- A Geographical Information System (GIS) has been developed to allow study of interactions between hydrology and land type/use
- A vegetation classification based on photo interpretation is underway to assess impact of hydrological changes in existing wild flora.

GIS Database of Frog Pond Land Cover

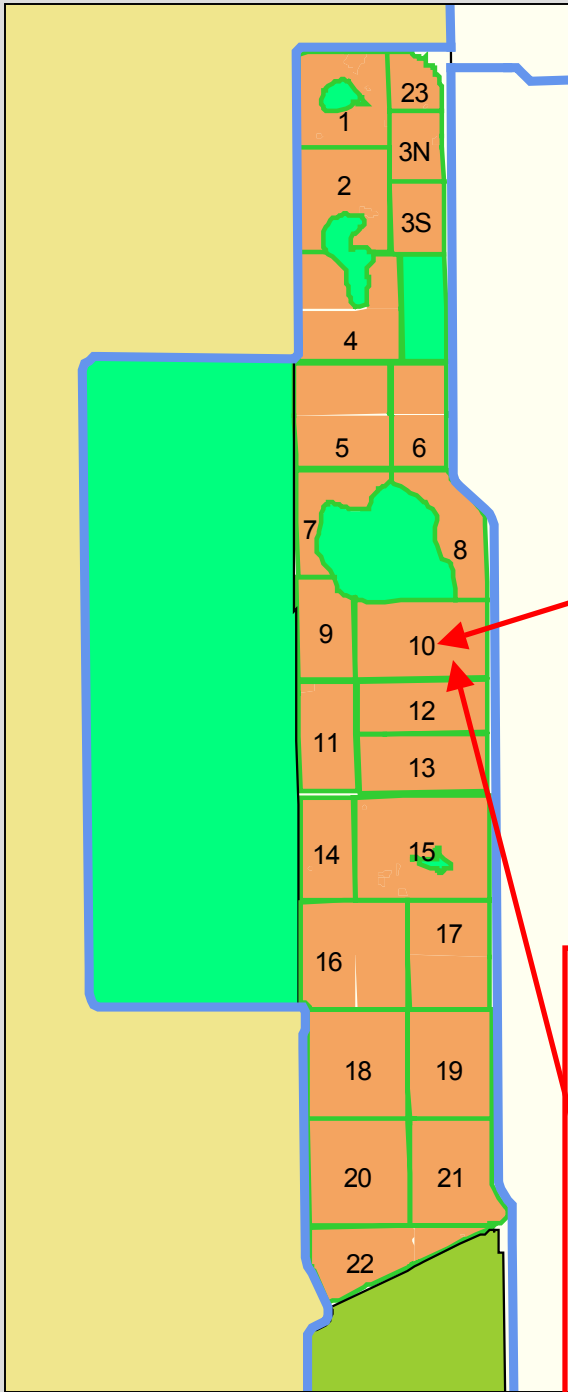
Before CERP Modifications

Lessee information

AREA	PERIMETER	PARCEL	ACRES	LESSEE2000	ADDRESS	CITY_STATE
1673367.68412	5646.2633	23	38.32	A&J Farms, Inc.	15600 SW 296 St.	Leisure City, FL 33033
4389390.54395	14324.0530	1	100.52	A&J Farms, Inc.	15600 SW 296 St.	Leisure City, FL 33033
2209735.60609	6451.39177	3N	50.60	George E. Wright Farms	P.O. Box 1751	Homestead, FL 33040
5032962.89127	13052.6437	2	115.25	Joe deSousa Farms, Inc.	16070 SW 153 Ave.	Miami, FL 33187
2287456.87309	6104.2957	3S	52.38	Joe deSousa Farms, Inc.	16070 SW 153 Ave.	Miami, FL 33187
1567400.50065	5151.5244	4	35.89	A&J Farms, Inc.	15600 SW 296 St.	Leisure City, FL 33033
1041157.28047	4239.3139	4	23.84	A&J Farms, Inc.	15600 SW 296 St.	Leisure City, FL 33033
3145252.44361	7631.3715	4	72.03	A&J Farms, Inc.	15600 SW 296 St.	Leisure City, FL 33033
1689307.10577	5196.9539	6	38.69	F&T Farms, Inc.	21400 SW 392 St.	Florida City, FL 33034
2989061.02927	7249.8190	5	68.45	F&T Farms, Inc.	21400 SW 392 St.	Florida City, FL 33034
1779620.85540	5336.2791	6	40.75	F&T Farms, Inc.	21400 SW 392 St.	Florida City, FL 33034
3094460.45474	7334.8469	5	70.86	F&T Farms, Inc.	21400 SW 392 St.	Florida City, FL 33034
2874108.02695	9959.1116	7	65.82	A&J Farms, Inc.	15600 SW 296 St.	Leisure City, FL 33033
3275710.55791	7544.5429	9	75.01	Florida Bay Initiative, Inc.	250 Australian Ave. So., Suite 500	W. Palm Beach, FL 33401
6212110.41098	10428.8627	10	142.26	A&J Farms, Inc.	15600 SW 296 St.	Leisure City, FL 33033
4189624.31199	5037.8643	12	95.94	A&J Farms, Inc.	15600 SW 296 St.	Leisure City, FL 33033
3695846.02679	8222.8239	11	84.63	Florida Bay Initiative, Inc.	250 Australian Ave. So., Suite 500	W. Palm Beach, FL 33401
100942.80540	1315.5282	11	2.31	Florida Bay Initiative, Inc.	250 Australian Ave. So., Suite 500	W. Palm Beach, FL 33401
4517869.61113	9201.5194	13	103.46	A&J Farms, Inc.	15600 SW 296 St.	Leisure City, FL 33033
7770685.86714	17643.6543	15	177.95	Sun Groves Miami, Inc.	8741 SW 193 Terrace	Miami, FL 33157
3662846.02619	8308.6630	14	83.88	Florida Bay Initiative, Inc.	250 Australian Ave. So., Suite 500	W. Palm Beach, FL 33401
2649127.60960	6657.2703	17	60.67	Sun Groves Miami, Inc.	8741 SW 193 Terrace	Miami, FL 33157
3760474.80533	8055.6744	16	86.11	Sun Groves Miami, Inc.	8741 SW 193 Terrace	Miami, FL 33157
1505957.22161	4917.3959	16	34.49	Sun Groves Miami, Inc.	8741 SW 193 Terrace	Miami, FL 33157
21284.22978	592.7671	17	0.49	Sun Groves Miami, Inc.	8741 SW 193 Terrace	Miami, FL 33157
2613391.86354	6598.5720	17	59.85	Sun Groves Miami, Inc.	8741 SW 193 Terrace	Miami, FL 33157
1554222.69515	4996.6121	16	35.59	Sun Groves Miami, Inc.	8741 SW 193 Terrace	Miami, FL 33157
6563861.36686	10226.2503	18	150.31	George E. Wright Farms	P.O. Box 1751	Homestead, FL 33040
5366770.48688	9336.6869	19	122.90	George E. Wright Farms	P.O. Box 1751	Homestead, FL 33040
5538644.13431	9670.4548	21	126.83	Joe deSousa Farms, Inc.	16070 SW 153 Ave.	Miami, FL 33187
6516377.34262	10212.9629	20	149.23	Joe deSousa Farms, Inc.	16070 SW 153 Ave.	Miami, FL 33187
916364.07199	5337.6867	22	20.98	George E. Wright Farms	P.O. Box 1751	Homestead, FL 33040
3588987.13847	7739.6499	22	82.19	George E. Wright Farms	P.O. Box 1751	Homestead, FL 33040

Crop data for 1998-1999

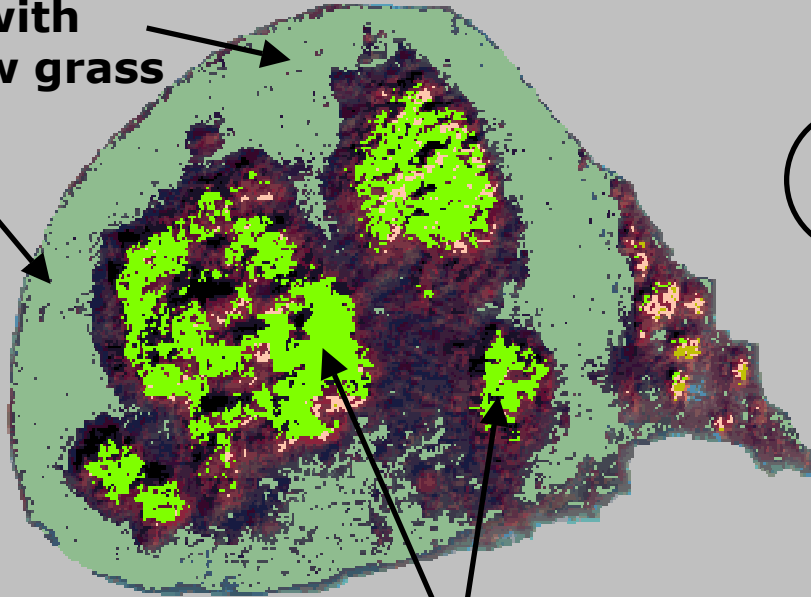
PACROP_98_99	LESSEE2000	CONTACT	PHONE	PHONE_2	CELLPHONE	FAX	PAGER
23 Sugarcane	A&J Farms, Inc.	George Suarez	305 248-6879		305 342-0090	305 246-1267	
1 Sugarcane	A&J Farms, Inc.	George Suarez	305 248-6879		305 342-0090	305 246-1267	
3 Beans/Boniato							
2 Corn/Boniato							
4 Malanga/Banana	A&J Farms, Inc.	George Suarez	305 248-6879		305 342-0090	305 246-1267	
4 Malanga/Banana	A&J Farms, Inc.	George Suarez	305 248-6879		305 342-0090	305 246-1267	
6 Beans/Squash	F&T Farms, Inc.	Attn: Leonard Talarico	305 247-0806	305 247-8706	305 345-5778	305 247-0587	
5 Beans/Squash/Malanga	F&T Farms, Inc.	Attn: Leonard Talarico	305 247-0806	305 247-8706	305 345-5778	305 247-0587	
7 Plantain	A&J Farms, Inc.	George Suarez	305 248-6879		305 342-0090	305 246-1267	
9 Corn	Florida Bay Initiative, Inc.	James Harvey	561 832-7291			561 659-4706	
10 Boniato	A&J Farms, Inc.	George Suarez	305 248-6879		305 342-0090	305 246-1267	
12 Malanga	A&J Farms, Inc.	George Suarez	305 248-6879		305 342-0090	305 246-1267	
11 Corn	Florida Bay Initiative, Inc.	James Harvey	561 832-7291			561 659-4706	
13 Malanga	A&J Farms, Inc.	George Suarez	305 248-6879		305 342-0090	305 246-1267	
15 Corn	Sun Groves Miami, Inc.	William Chen	305 247-7174				
14 Corn	Florida Bay Initiative, Inc.	James Harvey	561 832-7291			561 659-4706	
17 Beans/Squash	Sun Groves Miami, Inc.	William Chen	305 247-7174				
16 Beans/Squash/Corn	Sun Groves Miami, Inc.	William Chen	305 247-7174				
17 Beans/Squash	Sun Groves Miami, Inc.	William Chen	305 247-7174				
18 Beans/Squash							
19 Beans/Squash							
20 Corn/Boniato							
22 Beans/Squash							
22 Beans/Squash							



How Hydrological Changes Affect Land Cover



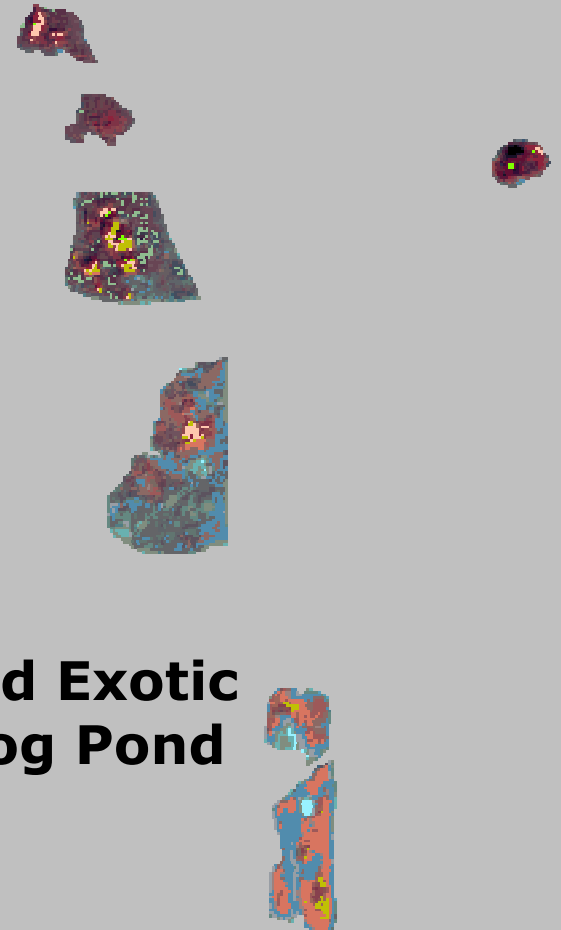
**Bare soil with
sparse saw grass**



**'Reed 1' and Alligator Flag (?)
surrounding willow**



**Mostly native trees – not
yet characterized**



**Preliminary Classification of Natural and Exotic
Vegetation (non-agricultural) in the Frog Pond**