Miami-Dade County Wetlands Permitting

Miami-Dade County Wetlands Advisory Task Force

October 19, 2011

Matthew Davis, Division Chief
Natural Resource Regulation and Restoration Permitting, Environment and Regulatory Affairs
Wetland Areas of Concern and Wetland Basins in Miami-Dade County
Environmental Considerations for Miami-Dade County’s Natural Resources
Wet Prairie/Sawgrass Marsh Under Wet Conditions
Wet Prairie/Sawgrass Marsh Under Dry Conditions
Wetland Tree Island
Tree Farm in Wetlands
Tree Farm in Wetlands
# Class IV Permits Issued – 2001-2011

<table>
<thead>
<tr>
<th>YEAR</th>
<th>PERMITS ISSUED</th>
<th>ACRES IMPACTED*</th>
<th>ACRES MITIGATED**</th>
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* Includes rockmining permits
** Indicates mitigation work performed per year and does not correspond to impacted acres for any given year. Includes purchase of credits at mitigation banks, land purchases and other enhancement and preservation activities.
Class IV Wetland Permits Issued 2001-2011
Bird Drive Basin - 1999
Bird Drive Basin - 2001
Chapter 24 Requirements - Avoidance, Minimization & Mitigation

- Avoid the impact
- Minimize the impact
- Repair, rehabilitate or restore the affected environment
- Reduce the impact over time by preservation
- Compensate for unavoidable impacts
Compensatory Mitigation Options

• On-site/Off-site Preservation
  - Requires available land
  - Requires long term maintenance
  - Requires institutional control
  - May include credit for enhancement activities

• Purchase of Mitigation Bank Credits
  - Higher up-front costs
  - Covers mitigation requirements for life of project
Hole-in-the-Donut Mitigation Area

Everglades National Park
Hole-in-the-Donut Mitigation Area
Hole-in-the-Donut Mitigation Area
Hole-in-the-Donut Mitigation Area
Everglades Mitigation Bank
Everglades Mitigation Bank
Everglades Mitigation Bank
Everglades Mitigation Bank