



*U.S. Army Corps Of Engineers
and
St. Johns River Water Management District*

*Indian River Lagoon North
Restoration
Feasibility Study
Project Delivery Team Meeting*

February 20, 2002

Agenda

- Team Member Roles (FACA)
- Quick Review
- Goals & Objectives
- PDT Comments on Draft PMP
- Break
- Issue Groups
 - ☑ PMP Models
 - ☑ Performance Measures
 - ☑ Breakout & Brainstorm
 - ☑ Report Out
- Public Comment
- Future Actions/Next Meeting
- Adjourn

Federal Advisory Committee Act

- PDT consists of federal, state, local & tribal government representatives
- Time for public comment will be provided at the end of meeting
- Public please fill out a Speaker Registration Card to Comment

Study Purpose

- Ecosystem restoration while meeting other water resources needs of area.



Where?

Indian River Lagoon North

Volusia

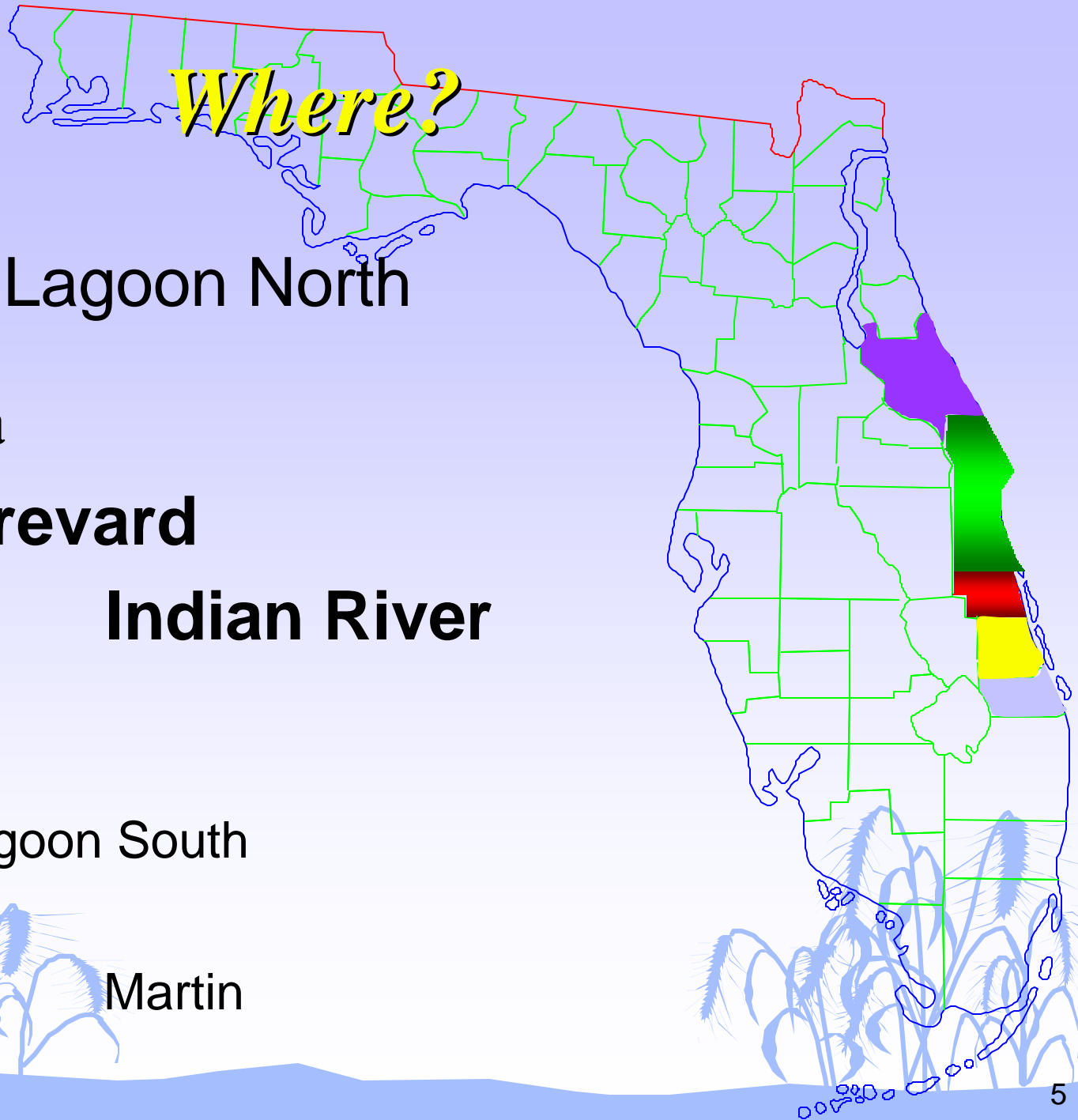
Brevard

Indian River

Indian River Lagoon South

St. Lucie

Martin



Background

This study will build upon previous and ongoing projects including:

- SWIM 1994
- CCMP 1996
- Implemented Stormwater Projects
- Muck Removal from Crane & Turkey Creeks
- Reconnection of Impounded Wetlands
- EEL's Land Acquisition
- PLRG Model Development
- Removal of Exotics & Planting Mangroves

Goal: Enhance Ecological Values

Objectives:

- Reduce excessive freshwater inflows & pollutant loadings to the IRL
- Improve water quality in the IRL
- Improve habitat for IRL biota, w/emphasis on seagrass
- Increase spatial extent & functional quality of SAV & watershed wetlands
- Increase functional quality of native upland habitat
- Maintain/improve diversity & abundance of native plant & animal species, including T&E

Goal: Enhance Economic Values & Social Well-Being

Objectives:

- Maintain or improve water supply
- Maintain or improve flood protection
- Improve opportunities for tourism, recreation, & environmental education
- Enhance commercial & recreational fisheries & associated industries



PDT Comments on Draft Project Management Plan...



Issue Groups

- Project Delivery Team
 - Coordination
 - Projects
- Interagency
- Water Quality
 - Potential Alternatives
 - Best Management Practices
- Ecosystem
- Public Outreach & Education
- Problem Definition/Identification
- Potential Alternatives/Benefits
 - Water Circulation
 - Habitat
 - Water Storage/Supply
 - Basin Sediment Management Strategy
- Models/Evaluations/Performance Measures
- Real Estate
- Lessons Learned

!!! REALITY !!!

PMP Models...

Mitch Granat and Joel Steward



Performance Measures...

Troy Rice



Brainstorm Rules 101

- Allow everyone the opportunity for input
- No input is denied, criticized or commented upon



Issue Groups--Brainstorming

- **Project Delivery Team-Coordination-Projects**
 - Current/Future Projects Inventory
- **Water Quality**
 - Problems & Sources
 - Additional Potential Alternatives, including BMP's & Integration of Water Supply/Waste Management/Energy Needs
- **Ecosystem**
 - Tie-in to St. Lucie River Initiative, if Successful
- **Problem Definition/Identification**
 - IRL-N
 - Focus/Narrow Scope on What to Study
 - Sedimentation/Muck Sources and Sinks
 - Reservoir Storage Capabilities
- **Potential Alternatives/Benefits**
 - Others?
- **Lessons Learned**
 - Historical Mistakes & Future Problems
 - Counties Stormwater Management Approaches
- **Models/Evaluations/Performance Measures**
 - Estuarine/Multi-Purpose Models
 - Performance Measures
 - Innovative Techniques/Approaches

Before we go:

Next Meeting to be Announced via Email/Fax, After May 1, 2002

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We will post information to the following Web site:

<http://www.evergladesplan.org/projects.htm>



Thanks Everyone!