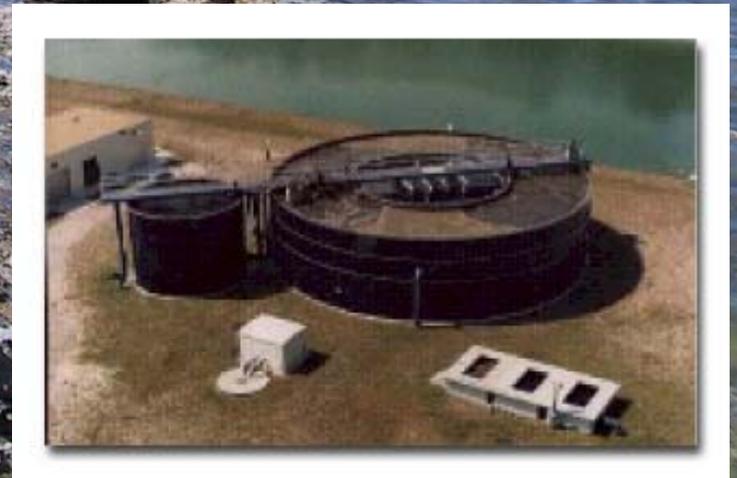
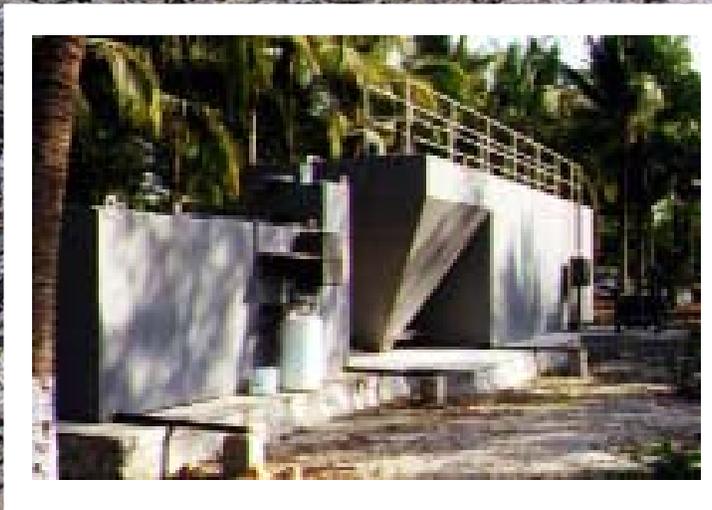


# Florida Keys Water Quality Improvements Program

Working Group Briefing  
8 May 2003







# Authorization

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- Public Law 106-554 authorized the Corps of Engineers “to provide technical and financial assistance to carry out projects for the planning, design and construction of treatment works to *improve water quality in the Florida Keys National Marine Sanctuary.*



# Non-Federal Sponsor

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- SFWMD Governing Board Resolution - April 2002.
- Non-federal sponsor
- 35% cost share = \$53.8M of \$153.8M



# Federal Sponsor Role

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- 65% cost share = \$100M of \$153.8M



# Program Delivery Team (PDT) Approach

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- Current Partners (13 PDT members)
- New Partner - SFERTF



# Who makes up our PDT?

Name	Title	Entity
Jim Roberts	County Administrator	Monroe County
David Fernandez	Utilities Director	Key West
Hal Halenza	Mayor	Layton
John Bartus	Mayor	Marathon
Greg Tindle	Deputy Village Manager	Islamorada
Clyde Burnett	Mayor	Key Colony Beach
Rebecca Jetton	Planning Manager	FI Dept.of Community Affairs
Jim Reynolds	Deputy Executive Director	FI Keys Aqueduct Authority
Cecelia Weaver	Keys Service Center Manager	SFWMD
Shelley Trulock	Project Manager	US ACOE
Bill Kruczynski	Program Scientist	US EPA
Gus Rios	Environmental Administrator	FDEP, South District
Charles Brooks	Key Largo Wastewater Treatment District	Member of the Board



# PDT Roles and Responsibilities

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- Establish goals and objectives
- Review and approve PMP
- Prioritize proposed projects
- Determine funding allocation
- Approve program implementation schedule



# Who are we coordinating with?

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- Water Quality Steering Committee
- South Florida Ecosystem Restoration Task Force
- Monroe County Intergovernmental Wastewater Task Force



# PDT Goal #1

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- The FKWQIP will provide responsive, flexible and cost-effective solutions that improve wastewater and stormwater management practices throughout the Keys and satisfy the existing and future needs of the community.



## PDT Goal #2

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- The FKWQIP will address affordability issues and must satisfy environmental and regulatory criteria.



# PDT Objective

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- The FKWQIP will provide an equitable, ecologically sound, and economical implementation strategy for managing wastewater and stormwater and improving water quality in the Florida Keys.



# PDT Activities

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- Held two PDT meetings to date (11/22/02 and 2/26/03) and one National Environmental Policy Act (NEPA) public scoping workshop (2/27/03)
- Next PDT meeting will be scheduled soon for early June 2003



# PDT Accomplishments to Date

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- Adopted team goals and objectives.
- Developed readiness to proceed criteria.
- Prioritized projects.
- Reviewed Draft Program Management Plan.
- Agreed on distribution formula for appropriations.



# What is the Problem?

- Undesirable water quality within the Florida Keys National Marine Sanctuary.
  - Approximately 23,000 private systems currently in place.
  - Of these, approximately 15,840 are permitted septic systems.
  - 7,200 unknown systems with 2,800 suspected to be illegal cesspools.



# Conclusions of the Monroe County Water Quality Protection Program Steering Committee

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- Cesspits are illegal, provide very little treatment, and are a health hazard.
- Sewage discharges from cesspits and septic tanks are a source of nutrients and human pathogens.
- Septic tank systems remove a very small amount of nutrients.
- Package treatment plants do not remove dissolved nutrients.



# Program Specifics

- As it currently stands, there are no provisions for crediting the non-Federal sponsor for any construction activities performed prior to PCA execution.
- Must implement the existing wastewater and stormwater plans. Not reinventing the wheel.
- Cannot execute a PCA without construction appropriations.
- Design costs prior to PCA execution can be reimbursed; however, no reimbursement for any costs incurred prior to authorization (21 Dec 01).



# FY 2002 Activities

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- \$420,000 appropriated for the COE to provide technical and planning assistance.
  - Prepare Project Management Plan – Defines scope, schedule and resources, lists projects per the Master Plans.
  - Prepare Program Implementation Guide – Outlines how implementation will occur. Prepared by COE HQ.
  - Prepare a Programmatic Environmental Impact Statement (PEIS) as part of the National Environmental Policy Act (NEPA).
  - Model Project Cooperation Agreement (PCA) – Contract between the Federal government and non-Federal Sponsor.



# FY 2003 Activities

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- Construction appropriations were NOT included as part of the President's FY 03 budget.
- Finalize NEPA documentation.
- Complete PMP (living document...will be updated as projects come on-line).
- Keep the public informed of progress.
- FY 04 first available opportunity to receive construction appropriations – via Congressional Ad.



# Which Master Plans are Being Implemented?

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- Master Plans:
  - Wastewater:
    - Marathon Wastewater Facilities Plan.
    - Design/Build/Operate Wastewater Management Plan for Marathon.
    - Monroe County Wastewater Master Plan.
    - City of Marathon Reuse Component of Central Wastewater.



# Master Plans, Cont'd...

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- Master Plans:
  - Stormwater:
    - Key West Stormwater Runoff Study.
    - Key West Water Quality Improvements Program.
    - Islamorada Stormwater Management Master Plan.
    - City of Key West Long Range Stormwater Utility Plan.
    - Monroe County Stormwater Management Master Plan.



# How will the Program be Implemented...

- Cumulative listing of projects by priority is being developed and outlined in the PMP.
  - Based on the readiness to proceed criteria as developed by the Intergovernmental Task Force and adopted by the Project Delivery Team for this program.
- Based on the funding stream – how much is received each year.





# How Would the \$100M be Divided?

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- Distribution of funding based on previous agreements developed by the Intergovernmental Task Force and adopted by the Project Delivery Team:
    - Unincorporated Monroe (\$29.5 million).
    - Marathon (\$29.5 million).
    - Islamorada (\$29.5 million).
    - Key West (\$10.3 million).
    - Layton (\$800,000).
    - Key Colony Beach (\$200,000).



# Upcoming Items of interest

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- DPEIS out for public review – May/June 2003.
- Public workshop on DPEIS – July 2003.
- FPEIS out for public review – August/Sept 2003.



# Points of Contact

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# THANK YOU!

