



CERP MRP

Comprehensive Everglades Restoration Plan Master Recreation Plan

July 2009

CERP Master Recreation Plan (MRP)

- The purpose of the MPR is to provide a comprehensive plan addressing the recreation needs within the C&SF project
- The MRP will follow Corps guidance, SFWMD rules, other laws as applicable
- The MRP is a living document
- The MRP is not a decision document it is recreation planning guidance for CERP

MRP Overview

- The MRP based on Corps guidance, SFWMD, SAD and HQ input:
 - ER 1105-2-100, IWR 86-R-4, CGMs, etc.
- Three task orders provide the backbone of the MRP
 - GIS Analysis & Suitability Mapping,
 - Public Outreach
 - Regional Program Analysis & Regional Conceptual Recreation Plans.

MRP Mandates

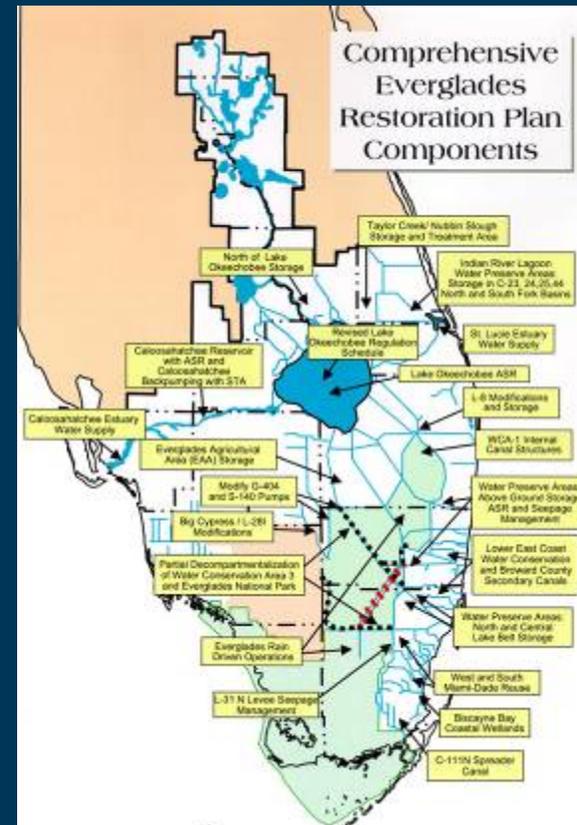
- Provide restoration compatible recreation at a concept level for CERP PDTs
- Ancillary to and harmonious with projects
- Compensate for CERP project impacts to recreation on a regional basis
- Provide linkages to other public lands
- Based on expressed public interest
- SCORP 2000 and Yellowbook are baselines

CERP Recreation Cost-Sharing

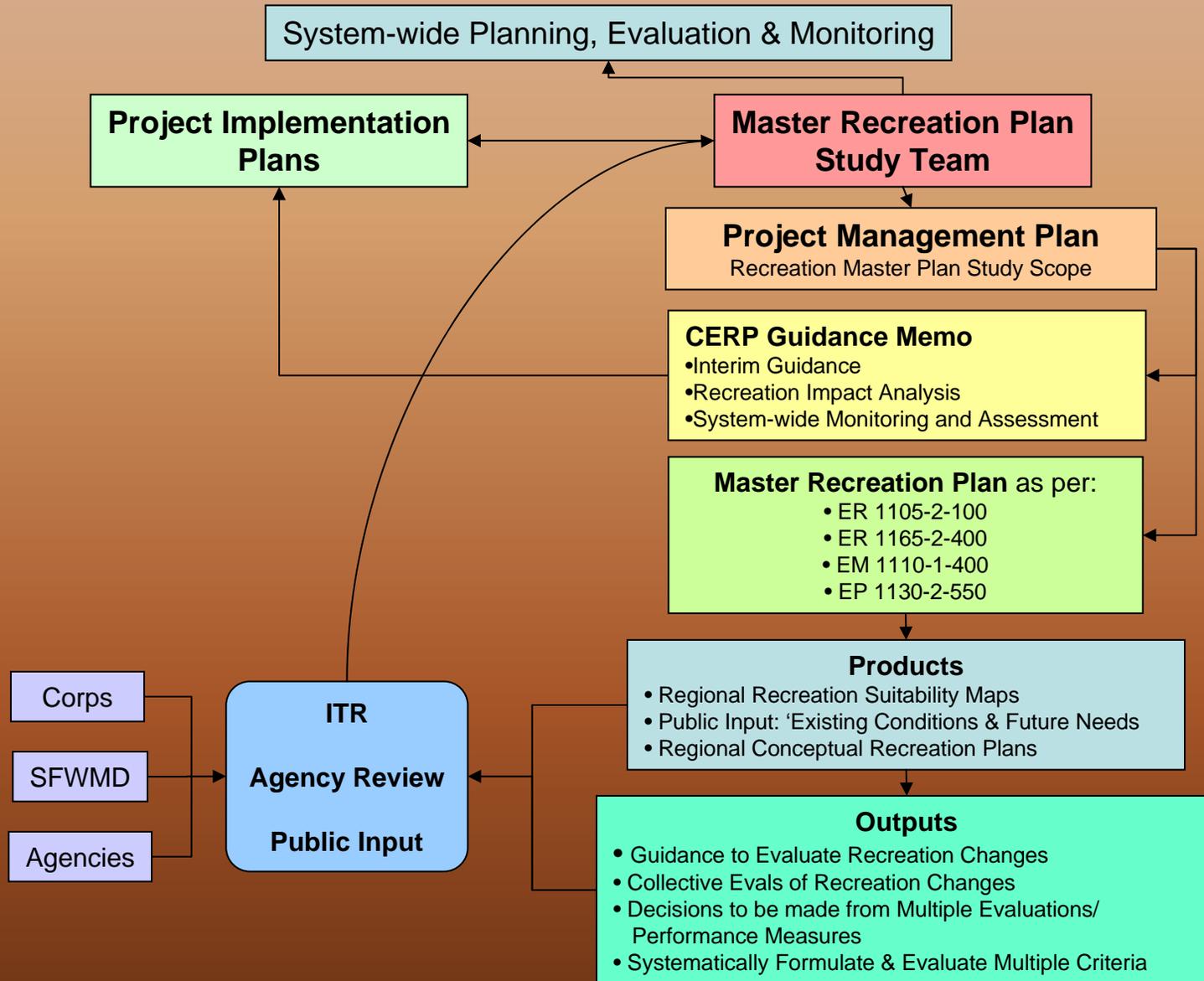
- 2000 Design Agreement outlines CERP Cost-sharing
 - Project design and construction is 50%-50%
 - Recreation development is 50%-50%
 - Project OMRR&R is 50%-50%
- PL 89-72, 9 July 1965
 - Recreation OMRR&R is 100% NFS

CERP Background

- 68 major works
- 217,000 acres of reservoirs and water treatment areas



Comprehensive Everglades Restoration Plan



CERP MRP Timeline & Task Order Review

2005 – Suitability Mapping

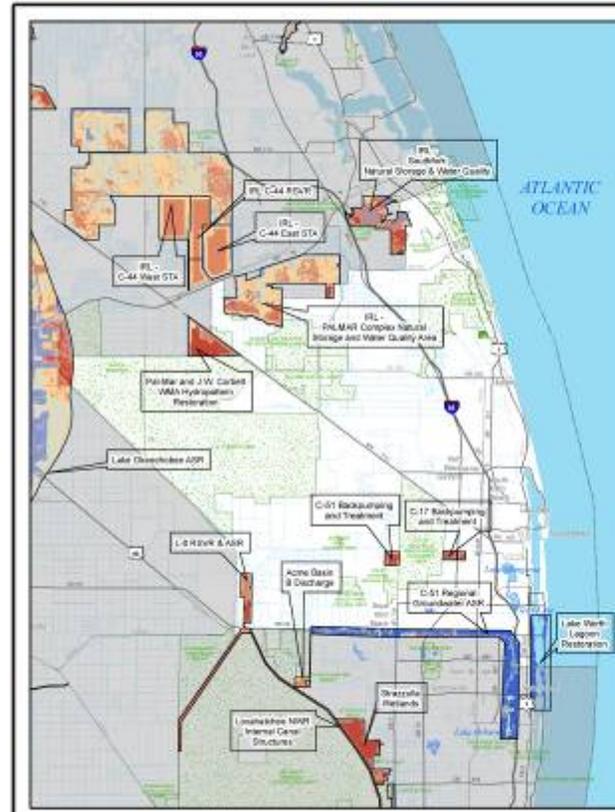
2006 – Public Involvement

2007-08 – Development of Regional Conceptual Recreation Plans



Suitability Mapping

- Bank Fishing
- Boat Ramps
- Historic Sites
- Hunting**
- Multiuse Trails
- Nature Study
- RV Camping
- Sightseeing
- Tent Camping

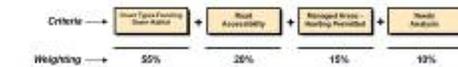


Hunting - Suitability Mapping on CERP Project Lands

To quantify the suitability of lands in South Florida for specific recreation purposes, the Corps of Engineers, South Florida Water Management District, and G.S.C., Inc. have conducted a study of the region. CERP Project lands were measured for suitability for several types of resource-based recreation.

Modeling lands for hunting suitability focused on key terrestrial species such as deer, turkey, and waterfowl. The study team developed criteria for project lands which will aid in selecting locations for hunting as a form of recreation.

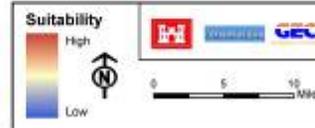
The following diagram shows the criteria upon which the suitability map to the left was based, along with the weightings or importance of each criterion as a factor in measuring suitability.



Suitability Scoring Breakdown

Each criterion used to develop this suitability map was scored using a scale ranging from "unsuitable" to "highly suitable". Ratings were based on factors such as distance, land cover quality, and need. The following key can be used to explain how various factors were rated for this type of recreation.

HS - Highly Suitable	MS - Moderately Suitable	PS - Poorly Suitable	US - Unsuitable
CRITERION: Cover Types Favoring Game Habitat HS - Cover type highly favors game MS - Cover type moderately favors game PS - Cover type has low favorability for game US - Cover type extremely low favorability for game		CRITERION: Managed Area - Hunting Permitted HS - Area where hunting is permitted US - Other areas	
CRITERION: Road Accessibility HS - Over 0.25 mile from a road US - Within 0.25 mile of a road		CRITERION: South Florida Needs Analysis HS - Stated Need in South Florida US - No Stated Need	



SUITABILITY COMPOSITE MAP WITH PROJECT
Hunting - Northern Palm Beach County

Public Involvement - 2006



Meeting Goals

- Inform the Public of the CERP MRP
- To receive public input on the following:
 - ✓ Existing recreation conditions
 - ✓ Future recreation needs
 - ✓ Recreation Issues
 - ✓ Recreation Trends

Master Recreation Plan Public Input

- Existing Recreation Conditions
- Future Recreation Needs
- Emerging Recreation Issues
- Recreation Trends



Public Involvement - Results

Table 4. Number of Comments Received During the CERP MRP Outreach 2006 as Related to Future Demand by CERP Region

Region	Trails	Bicycling	Fishing	ORV/ATV Riding	Boat Access	Motorboating	Camping	Nature Study	Sightseeing	Nontraditional	Horseback Riding	Hunting	Airboating	Education	Canoeing, Kayaking	Beach & Swim	Linkages	Heritage
EAA	2	2	7	7	1	5	2	2	1	3	1	2	1	2	2	3	2	2
WPA	2	1	2	5	6	6	1	2	2	1	1	5	4	2	2	1	2	2
LWC	2	0	2	10	0	1	3	1	0	0	1	3	0	1	1	0	2	1
LOW	1	0	1	0	1	0	1	1	0	0	0	1	0	0	1	0	0	0
UEC	2	0	3	1	0	0	0	5	0	0	2	0	1	1	0	1	4	0
MDC	2	3	7	7	4	3	4	2	2	2	3	5	4	2	2	2	4	3
EFBK	3	2	2	3	3	1	4	2	0	0	0	0	3	1	3	1	1	0
NPBC	1	0	0	2	1	0	0	0	0	0	0	1	0	1	1	0	0	0
MISC	2	4	5	12	7	1	8	4	0	1	1	4	5	0	4	0	0	4
TOTAL	17	12	29	47	23	17	23	19	5	7	9	21	18	10	16	8	15	12

LEGEND:

CERP = Comprehensive Everglades Restoration Plan
 EAA = Everglades Agricultural Area
 WPA = Water Preserve Areas
 LWC = Lower West Coast
 LOW = Lake Okeechobee Watershed
 UEC = Upper East Coast
 MDC = Miami Dade County
 EFBK = Everglades, Florida Bay and the Keys
 NPBC = Northern Palm Beach County

Recreation Program Analysis

RESTORATION/PROJECT COMPATIBILITY

- + RECREATION DEFICITS {SCORP 2000 analysis, public input}
- + LINKAGE OPPORTUNITIES {existing and planned recreation at multiple levels}

Potential Project Compatibility

CERP PROJECT	RECREATION ACTIVITY													
C-17 Backpumping and Treatment	●	●	●	●	●	●	●	●	○	○	○	○	○	○
C-51 Backpumping and Treatment	●	●	●	●	●	●	○	●	○	○	○	●	○	○
L-8 Reservoir & ASR	●	●	●	●	●	●	○	○	○	○	○	○	○	○

C-51 Backpumping and Treatment

Features: stormwater treatment area, canals, water control structures

Potential Recreation:

Recommended Facilities:

Palm Beach County's Pond Cypress Natural Area offers over 1,500 acres of high quality freshwater wetlands. The preserve is located mostly to the south of the proposed STA, although GIS boundaries show some overlap with this CERP project. Pond Cypress is largely undeveloped for recreation, but there are plans to locate a trailhead at the northwest corner with a paved trail along 110th Avenue and several unpaved trails being recommended throughout Pond Cypress (NENA). Work with Palm Beach County to try and link the C-51 STA recreation amenities with the proposed trailhead and trails.

Regional Recreation Needs

C-51 Backpumping and Treatment

Features: stormwater treatment area, canals, water control structures

Potential Recreation:



Recommended Facilities:



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	Statewide Recreation	CERP Major Public Improvements	Public Agency
Hiking (trails)	N	N	n/a
Bicycling	N	n/a	n/a
Fishing	N	n/a	n/a
Boat Access	G	N	N
Motorboating	n/a	N	n/a
Camping	G	n/a	n/a
Nature Study	G	n/a	n/a
Sightseeing	n/a	n/a	n/a
Nontraditional Activities	n/a	n/a	n/a
Horseback Riding	G	n/a	n/a
Hunting	G	N	N
Airboating	n/a	n/a	n/a

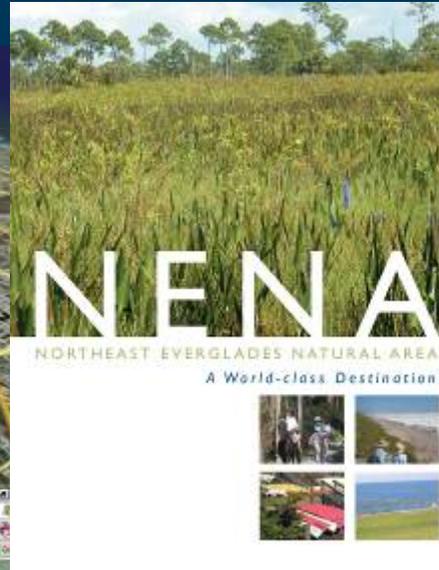
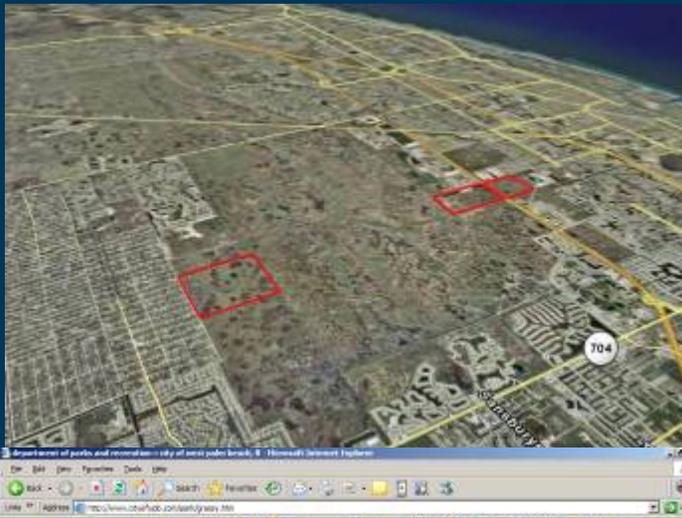
NORTHERN PALM BEACH COUNTY REGION

Northern Palm Beach County

KEY

- N = recreation need*
- G = adequate supply of resources and facilities to meet present and future (through 2010) demand
- n/a = recreation activity not measured or not addressed by source

Regional Recreation Linkage Opportunities



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CERP MRP Public Involvement Summary

- 2006 GIS Suitability Map Outreach
 - 18 public meetings held in south Florida
 - Gathered information on existing recreation conditions, recreation issues, needs and future demands
- 2008 Draft Regional Conceptual Rec Plans
 - 18 public meetings held in south Florida
 - Public comments on draft regional conceptual recreation plans
- Evergladesplan.org – website utilized for posting of all plans and comments

CERP Ethnographic Study

- Evolved out of 2006 public outreach
- Study of Gladesmen Culture – unique to southern Florida
- Identification of Traditional Cultural Properties significant to the Gladesmen
- Will enhance evaluation of potential impacts of future CERP projects

Schedule

- Ethnographic Study Public Review– Jun - Aug 2009
- WG Consultation – Jul 2009
- Draft MRP Public Review– Aug - Oct 2009
- WRAC/TF Consultation – Sept 2009
- Final MRP – Nov 2009