

SOUTH FLORIDA WATER MANAGEMENT DISTRICT



Project Charter

The project charter is a document that authorizes the manager to apply organizational resources to project activities and to proceed with finalizing the project scope and developing the project plan.

Program: Comprehensive Everglades Restoration Program

Project SAP PS ID: SAP PS Project Number 100088

Project ID (other): P104

Project Title: Caloosahatchee River (C-43) West Basin Storage Reservoir Project (CRWBSR)

Project Manager: Janet Starnes

Project Sponsor: John Dunnuck

Mandate(s): The SFWMD and the Corps of Engineers completed the Caloosahatchee River (C-43) West Basin Storage Reservoir (CRWBSR) Project Implementation Report in September 2007. The Project is awaiting authorization by Congress in the next Water Resources Development Act (WRDA). The Pre-Project Cost Agreement was executed in August 2009.


Level of Empowerment:

This Project Charter is a document that authorizes the project manager to apply organizational resources to project activities and to proceed with finalizing the project scope and developing the project plan.

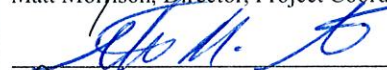
Approvals:


Steve Brashers, Section Lead, Project Coordination Division

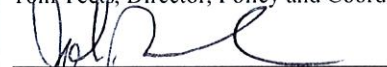
1-26-2010
Date


Matt Morrison, Director, Project Coordination Division


1-26-10
Date


Tom Teets, Director, Policy and Coordination Department

1-26-10
Date


John Dunnuck, Director Business Services, ERCP

1-26-10
Date


Kenneth G. Ammon, P.E., Deputy Executive Director, ERCP

1/27/10
Date



Form #0772
Rev. 07/00

South Florida Water Management District Document Routing and Coordination

Please Attach This Form to the Exterior Cover of the Routing Folder.
(See additional instructions on back)

DEADLINE All reviews must be completed by this date.

Originator	Div/Dept	Phone/Extension	Preparer	Phone/Extension
Janet Starnes	7431	7735	Janet Starnes	7735

Document Routing Justification:

Project Charter for Caloosahatchee River (C-43) West Basin Storage Reservoir Project - Completion of design, construction, and operations and maintenance.

The Charter for this project is being circulated for signature among various resource areas that are being asked to support future project activities. A detailed Project Implementation Report (PIR) has been completed and is attached to the project in PS. The PPCA and PPA have been executed. The Transfer Agreement has been approved. All are attached to the project in PS. The Charter identifies more specific resource needs, such as FTEs or contracts, and a timeline of the expected support for your approval. This Charter is the initial step in getting agency concurrence and approval for more detailed planning.

	To	Phone/Extension	Mail Code	Action Code(s) *	Initials	Date
1	John Mitnik	6748	7810	I, S, F		
2	Mike Hiscock	4220	7711	I, S, F		
3	Larry Carter	6170	5101	I, S, F		
4	Mark Munro	4053	7113	I, S, F		
5	John Dunnuck	6995	7112	I, S, F	J.D.	1/26/10
6						
7						

Comments:

*** Action Codes:**

- | | | | |
|-------------|----------------------|-----------------------------|---------------|
| A = Approve | C = Review & Comment | F = Forward to next on list | I = Initial |
| O = Other | P = Proofread | R = Return to originator | S = Signature |



Project Charter

Release No.	Date	Revision Description
Rev. 0	01/27/2010	Project Charter
Rev. 1		
Rev. 2		
Rev. 3		

PROJECT TEAM

The project team is the list of team members directly supporting the project and may be responsible for developing the strategies to deliver the project such as developing the plan elements, including WBS, schedule, resource requirements, and skills. Identify the team below. The form may be modified to meet additional needs.

Team Members	Work Area	Title	FTEs
Study Delivery Team			
Janet Starnes	ERCP – Project Coordination	Principle Project Manager	.30
Alan Shirkey	ERCP – Engineering Projects	Section Leader	.10
John Leslie	ERCP – Permitting Section	Sr Environmental Analyst	.20
Bob Taylor	ERCP - Land Acquisition	Tech Program Specialist, Sr	.10
Tom Hanaway	ERCP - Real Estate	Sr. Professional - Acquisition	.10
Ralph Diaz	ERCP - Real Estate	Land Mgmt Specialist, Lead	.10
Wanda Simpson	ERCP - Real Estate	Technical Project Specialist, Sr.	.05
Mike Hiscock	ERCP - Construction	Deputy Department Director	.05
TBD	ERCP- Construction	Chief Construction Manager	.20
Richard Champlin	O&M – Clewiston Field Station	Director	.05
TBD	O&M – Clewiston Field Station	Chief Operator - PS	1.0
TBD	O&M – Clewiston Field Station	Fleet Technician	1.0
TBD	O&M – Clewiston Field Station	Electronics Logistics Specialist	1.0
TBD	O&M – Clewiston Field Station	Stationary Diesel Oper/Mech	3.0
TBD	O&M – Clewiston Field Station	Structure Maintenance Tech	2.0
TBD	O&M – Clewiston Field Station	Electrician - Industrial	1.0
Linda Yarrish	Vegetation Management	Lead Scientist	.10
Brad Robbins	O&M – Monitoring Devel & Implementation	Section Leader	.10



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Team Members	Work Area	Title	FTEs
Phil Kochan	O&M – Land Stewardship	Real Property Manager, Sr.	.20
TBD	O&M - Operations Control and Hydro Data	Senior Scientist	.10
Phil Flood	RPA – Lower West Coast	Service Center Director	.05
Support Staff/Misc.			
Rochelle Powers	ERCPC - Planning	Sr Administrative Assistant	.05
Maria Bennett	ERCPC - Planning	Spec Engineering Associate	.05

PROJECT MANAGEMENT OVERSIGHT TEAM

The oversight team provides guidance to the project manager. This team is responsible for approving policies, plans, standards, and procedures including quality assurance, risk management, and performance measurement plans. The oversight team approves changes, monitors performance and assists the project manager in resolving issues escalated by the project manager. If applicable, identify the name(s), role(s), and responsibilities of the Project Oversight Team. The form may be modified to meet additional needs.

Name	Role	Responsibility
Ammon, Ken	ERCPC - Policy	Deputy Executive Director
Tom Teets	ERCPC – Policy and Coordination	Department Director
John Dunnuck	ERCPC - Business Services Director	Oversight
Matt Morrison	ERCPC – Project Coordination	Division Director, oversight
Steve Brashers	ERCPC – Project Coordination	Section Lead, oversight
Jeff Kivett	ERCPC – Engineering	Department Director
Mike Hiscock	ERCPC - Construction	Deputy Department Director
Radu Damian	O&M – Central Field Operations	Department Director
Dan Thayer	O&M – Vegetation & Land Mgmt	Department Director

PROJECT LOCATION

The project will reside at this physical location when completed.

The Caloosahatchee River (C-43) West Basin Storage Reservoir Project encompasses approximately 11,000 acres of land in Hendry County, Florida.

The majority of the work effort (project initiating, planning, executing, monitoring/controlling and closing) will be conducted by the project team at the following locations:



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- South Florida Water Management District (SFWMD) located at 2301 McGregor Boulevard, Fort Myers, FL 33901, within Lee County;
- Lower West Coast Service Center located at 2601 McGregor Boulevard, Fort Myers, FL 33901;
- Everglades Restoration and Capital Projects, Policy and Coordination Department located at 1661 Worthington Road, Suite 150, West Palm Beach, FL 33409.

Public participation in the development of the CRWBSR Project has been accomplished through Project Delivery Team meetings and Public Workshops all of which are held in the Study Area.

PROJECT SCOPE

The CRWBSR Project consists of a two-cell above-ground reservoir located south of the Caloosahatchee River and east of the Franklin Lock (S-79) in the western Caloosahatchee River Basin. Storage capacity is approximately 170,000 acre-feet. Water depth will vary from 12-26 feet. The reservoir will be constructed on an 11,000-acre parcel in Hendry County, west of Labelle.

PROJECT GOALS/OBJECTIVES

The CRWBSR project purpose is to capture and store stormwater runoff from the Caloosahatchee River Basin, reducing excess water flow to the Caloosahatchee Estuary during wet season. In addition the reservoir will capture and store regulatory releases from Lake Okeechobee, further reducing discharges to the Caloosahatchee Estuary during wet season. The reservoir will assist in improving the salinity balance and ecological health of the Caloosahatchee Estuary by controlling peak flows during the wet season and providing essential flows during the dry season.

Justification:

The District has committed to implementation of CERP, which includes the CRWBSR. The CRWBSR Project Implementation Report (PIR) (September 2007) is ready for submittal to Congress for authorization. An Addendum to the PIR documenting changes to project costs based on a revised project real estate cost resulting from application of the national Corps land valuation and crediting policy has been completed. The Chief's Report and Record of Decision have been drafted and are in final review. The Chief's Report will be submitted to Congress for inclusion in WRDA 2010/2011. The CRWBSR is fully designed and permitted. All required lands have been acquired. To date the following activities have been completed:



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- a. Two test cells were completed on the project site to investigate different construction methodologies for maintaining seepage.**
- b. A water quality assessment associated with the Test Cells was completed to identify any potential water quality changes during residence time in the reservoir.**
- c. Clearing and grubbing of the West Reservoir site (FY10 using Fund 411 grant dollars).

**These activities were completed between 2006 and 2007 by SFWMD at a cost of approximately \$10 million.

Deliverables:

Project deliverables for FY 2010 are as follows:

- Submit Final PIR Addendum to Corps of Engineers Headquarters (Q2) (USCOE)
- Complete Chief of Engineers Report (Q2) (USCOE)
- Assistant Secretary of the Army Transmittal Memo to Office of Management and Budget (Q3) (USCOE)
- Record of Decision (Q4) (USCOE)
- Complete clearing of project site (Q4) (SFWMD)

Project deliverables (assumes that the Corps will be the lead on construction) for FY 2011 are as follows:

- Adopt Reservations Rule for the project (Q1) (SFWMD)
- Project Partnership Agreement (Q1) (USCOE/SFWMD)
- Transfer Agreement (Q1) (USCOE/SFWMD)
- Reformatted Plans and Specifications to Corps standards including BCOE (Q2) (USCOE)
- Draft Project Operation Manual (Q2) (USCOE)
- Department of Interior Land Use Change completed (Q2) (SFWMD)
- Certification to the Corps those lands acquired for the project (Q2) (SFWMD)

Construction start date is currently projected to be August 2012.

Preliminary Methodology:

The Project Delivery Team used the Corps of Engineers planning process to complete the Project Implementation Report. All designs were developed by the SFWMD through the Acceler8 Program. The project is fully permitted; both the



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Army Corps of Engineers 404 permit and Water Quality Certification from the Florida Department of Environmental Protection have been issued.

Business Areas Involved

This is the organizational scope of the project. Identify organizational units, programs and/or functional areas that are impacted during the duration or completion of the project and state how they are impacted. Add additional lines if needed.

1. Everglades Restoration Resource Area - Land Management
2. Everglades Restoration Resource Area - Policy
3. Everglades Restoration Resource Area - Engineering
4. Everglades Restoration Resource Area - Planning
5. Everglades Restoration Resource Area - Construction
6. Operations and Maintenance – Vegetation and Land
7. Operations and Maintenance – Land Stewardship
8. Government and Public Affairs
9. Corporate Resources Procurement

Funding/Costs/Resources:

This project will be funded from by Functional Area P104. Funding will be identified for salaries and transferred into the project for cost tracking. This will allow the project to follow the Districts one project to one functional area rule for SAP-Project Systems.

The estimated construction cost, including the cost of acquiring lands needed for the Project, is \$570,480,000. The estimated annual cost of operations and maintenance for the Project is \$3.1 million once construction is completed and the Project is fully operational. The land acquisition cost was \$84,650,000 (\$56,810,000 SFWC+MD, \$27,840,000 Federal [DOI]). These cost estimates were taken from the PIR as addended..



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	Cost Estimate by Fiscal Year				
	FY10	FY11	FY12	FY13	FY14
Planning					
Internal	\$300,000	\$300,000	\$200,000	\$200,000	\$200,000
External	\$20,000	\$350,000			
Engineering					
Internal	\$30,000	\$63,000	\$63,000	\$63,000	\$63,000
External					
Construction*					
Internal		\$50,000	\$150,000	\$150,000	\$150,000
External		\$98,597	\$394,388	\$394,388	\$394,388
Operations & Maintenance**					
Internal					\$820,166
External					\$451,018
Monitoring***					
Internal	\$	\$	\$	\$	\$
External	\$	\$	\$	\$	\$
Lands					
Internal		\$23,000	\$23,000		
External (Taxes)	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
SFWMD	\$410,000	\$944,597	\$890,388	\$867,388	\$2,138,572
USACE****			\$402,580,000		

*Assumes that the Corps is the lead for construction and that construction begins in August 2012. Construction and commissioning is scheduled for 3 years with an end date of July 2015. Further assumption is that construction QA/QC will be accomplished through contract, not internal staffing (based on current plan for Picayune Strand Restoration Project).

**Assumes an estimate of ½ fiscal year expenditures so that staff is available for commissioning.

***Assume that the monitoring that is required as a part of construction will be a part of the Corps' estimate as the lead for construction.

****Assumes full encumbrance of a multi-year contract. Reflects construction contract estimate only. No Corps staffing.



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ASSUMPTIONS

Briefly describe any suppositions or beliefs about the project related to resources, scope, expectations, schedules, etc. that, for planning purposes, will be considered to be true, real, or certain. Add additional lines if needed.

1. The Congressional authorization will be included in the Water Resources Development Act of 2010.
2. The Corps of Engineers will be the lead for construction with a construction start date in August 2012 and construction completion in July 2015 (estimated 3 years for construction and commissioning).

CONSTRAINTS

Briefly describe any limitations or exceptions under which the project must be conducted. Include time, money, resource availability, skill levels and any physical, political, or environmental constraints. Add additional bullets if needed.

1. Availability of funds to construct the project.

OTHER ROLES AND RESPONSIBILITIES

Modify the following roles and responsibilities based on the scope, assumptions, and constraints of this project. Under the project team section, include a statement spelling out the skills needed for the team.

The **Project Sponsor** is responsible for;

- Communicating District objectives
- Overseeing cross-organizational participation
- Providing a focal point to resolve issues escalated from the management oversight and guidance to the project manager

The **Project Manager** is responsible for,

- The project's overall performance and success
- Approving policies, processes, and procedures developed by project team members
- Being the focal point for communication between the project manager oversight
- Escalating to the management oversight team issues that cannot be resolved at the project level
- Developing and maintaining the project plan

The **Functional Manager (Department Director)** is responsible to:

- Provide the resources for the project
- Ensure the quality of the resources provided to support the project
- Contribute to the performance evaluation of the project manager

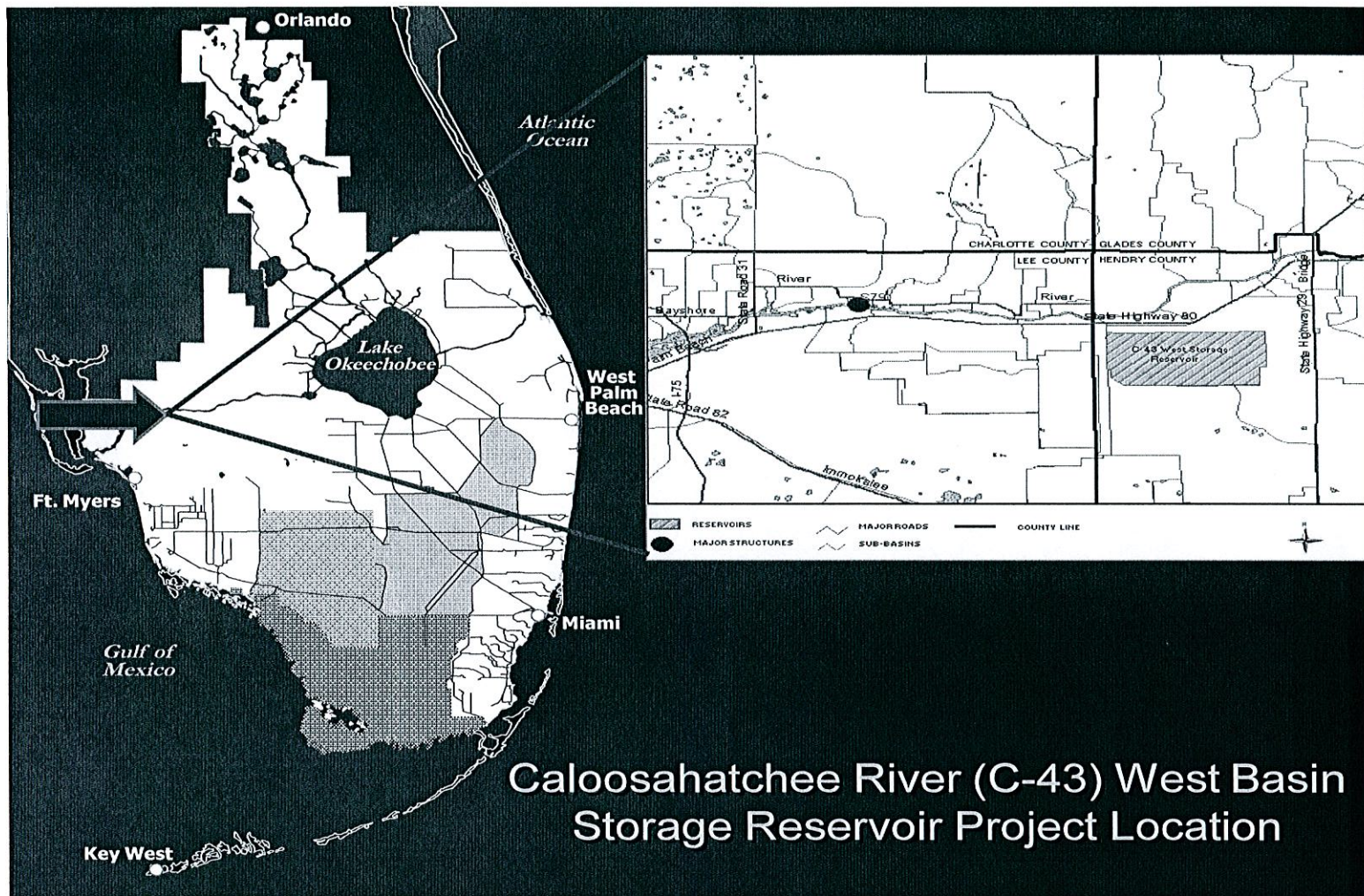
The **Program Manager** is responsible for:

- Developing Annual Work Plan and Strategic Plan input for the Program
- Monitoring project status during the fiscal year
- In conjunction with the Department Director, reviewing and signing the Project Charter and Project Management Plan



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- Leading the Program's team of project managers and professionals to accomplish programmatic objectives
- Assisting in the development of Project Managers
- Reporting on, and communicating, Program and project status to Sr. Managers



Caloosahatchee River (C-43) West Basin Storage Reservoir Project Location