

**DCT MONTHLY PROGRESS REPORTS
CENTRAL REGION
JULY 2004 UPDATE - INDEX**

<u>WBS#</u>	<u>Project Name</u>
1	Lake Okeechobee Watershed
7	Indian River Lagoon - South
8	Everglades Agricultural Area Storage Reservoirs - Phase 1
17	North Palm Beach County - Part 1
32	Lake Okeechobee ASR Pilot
33	Caloosahatchee (C-43) River ASR Pilot
34	Hillsboro ASR Pilot
38	Acme Basin B Discharge
39	Strazzulla Wetlands
44	ASR Regional Study
91	Winsberg Farms Wetlands Restoration
95	Melaleuca Eradication and Other Exotic Plants
486	Western C-11 Water Quality Improvement
489	Lake Okeechobee Water Retention / Phosphorous Removal
490	Ten Mile Creek

Project Name:	CERP Lake Okeechobee Watershed	Project ID:	01
Reporting Period:	Previous Month	Report Date:	13-Aug-04
Project Status:	GREEN	Data Date:	02-Aug-04
PM, CORPS:	Dunn, Carl	PM, NFS:	Hornung, L.

Explanation if not Green:

Project Summary:

The purposes of this project are to reduce phosphorus loading to Lake Okeechobee; attenuate peak flows from the watershed; provide more natural water level fluctuations in the lake; and restore wetland habitat. These goals will be accomplished by: 1) a 17,500 acre reservoir in the lower Kissimmee Basin; 2) a 5,000 acre reservoir and a 5,000 STA in the Taylor Creek/Nubbin Slough Basin; 3) smaller RASTAs and restoration of isolated wetlands; and 4) removal of 150 tons of phosphorus from 10 miles of primary tributary canals.

As a first step in development of the PIR, a Watershed Assessment Report was prepared in June 2003 to better define water quality and hydrologic problems in the watershed (minimal monitoring existing in area). The Taylor Creek/Nubbin Slough RASTA has been authorized as one of the ten initial projects in WRDA 2000. The Lake Okeechobee Tributary Sediment Dredging Project is included in the programmatic authorization for implementation of projects with a total project cost under \$25 million. The other projects will be authorized in future WRDAs.

Summary of Work Completed During this Reporting Period:

- Held LOW Subgroup Meeting (formally PDT) 29 July 2004
- Identified the Planning Area Alternatives and began optimization
- USFWS continued to update the Wetland Restoration Alternatives model (Ecological Subgroup Team)
- P3 project schedule was reflecting some incorrect dates; reviewed and will correct during August

Work Planned for Next Reporting Period:

- Finalize Planning Area Alternatives for ITR meeting scheduled for 23 August 04
- Plan public workshops for planning areas alternatives prior to FSM
- EN-G to begin preliminary geotechnical borings to Planning Area Alternative Sites
- Finalize surveys of locations for Monitoring Sites installed by USGS

Potential or Active Issues and Actions Taken to Resolve Issues:

Project 01 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
PIR Initiated	12-Jul-01	12-Jul-01	12-Jul-01 A
Notice of Intent to Prepare NEPA Issued	29-Jul-02	29-Jul-02	29-Jul-02 A
Base Conditions and Initial Alternative Array Complete	24-Sep-03	24-Sep-03	24-Sep-03 A
Preliminary Screening of Alternatives Complete	30-Mar-04	30-Nov-04	30-Nov-04
Feasibility Scoping Meeting (FSM)	08-Jun-04	06-Jan-05	06-Jan-05
Final Screening/Tentatively Selected Plan Complete	06-Feb-06	25-May-06	25-May-06
Alternative Formulation Briefing / Site Visit	06-Feb-06	25-May-06	25-May-06
Internal draft PIR/NEPA Report Complete	18-Aug-06	12-Dec-06	12-Dec-06
Draft PIR/NEPA Published in Federal Register	05-Dec-06	28-Mar-07	28-Mar-07
FS 1501 Submittal to FDEP with WQC Application	09-Jul-07	26-Oct-07	26-Oct-07
FS 1501 DEP Approval	02-Oct-07	28-Jan-08	28-Jan-08
Sponsor's Letter of Intent Received	28-Nov-07	20-Mar-08	20-Mar-08
MSC Commander's Public Notice (Complete PIR)	10-Jan-08	30-Apr-08	30-Apr-08
Final PIR/NEPA Report Published in the Federal Register	29-Jan-08	16-May-08	16-May-08
Record of Decision (ROD) Signed	18-Apr-08	07-Aug-08	07-Aug-08
ASA(CW) Report Submitted to Congress	17-Sep-08	12-Jan-09	12-Jan-09
President Signs Authorization	24-Feb-09	12-Jun-09	12-Jun-09

Baseline is either approved PMP or MIS1.0 whichever is later. Current Approved is the same as the Baseline unless the project undergoes Change Control Approval (CCA) to

Project Name:	Indian River Lagoon - South	Project ID:	07
Reporting Period:	Previous Month	Report Date:	12-Aug-04
Project Status:	GREEN	Data Date:	02-Aug-04
PM, CORPS:	Rogalski, Mike	PM, NFS:	Unsell, D.

<p>Explanation if not Green: Project - Green - Final Project Implementation Report (PIR) is at HQ for Chief's Report and transmittal to Assistant Secretary of the Army's Office (ASA).</p>
<p>Project Summary: The purpose of this project is to improve surface water management in the C-44 basin and the C-23, C-24 and C-25 basins for habitat improvement in the St. Lucie River Estuary and the Indian River Lagoon. Recommended plan includes: Reservoirs for surface water storage, storm-water treatment areas for water quality improvement, muck removal and natural water storage areas.</p>
<p>Summary of Work Completed During this Reporting Period: The project delivery team is completing phase 1 design tasks on the C-23/24 Storm Water Treatment Area (STA) that include: Topographic surveys, geotechnical borings and tests, cultural resource investigations, threatened and endangered species surveys. USACE and SFWMD teams are revising approved Project Management Plan (PMP) to reflect current project costs and schedule outlined in the Final PIR.</p>
<p>Work Planned for Next Reporting Period: Continued RE acquisition in the C-23/24 Reservoir, STA, Allapattah and Cypress Creek features of the project area. Topographic surveys and soil testing will continue on the STA. Continued cultural resource surveys in the STA, Allapattah Complex and Cypress Creek will continue. Revised PMP and project schedule will continue to be worked. Allapattah complex first ditch filling contract will be advertised for construction award and permitting.</p>
<p>Potential or Active Issues and Actions Taken to Resolve Issues: Final PIR has been transmitted to HQ for Final Chief's Report.</p>
<p>Other Project Information:</p>

Project 07 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
Initiate Decision Document (PIR)	15-Jul-03	15-Jul-03	15-Jul-03 A
1501 Submittal to DEP w/ WQC Application	02-Jan-04	02-Jan-04	02-Jan-04 A
FS 1501 DEP Approval	04-Feb-04	04-Feb-04	04-Feb-04 A
Receive Sponsor's Letter of Intent		23-Mar-04	23-Mar-04 A
MSC Commander's Public Notice (Complete PIR)	22-Apr-04	30-Mar-04	30-Mar-04 A
Final PIR Published in Federal Register	16-Apr-04	07-May-04	07-May-04 A
Record of Decision (ROD) FONSI Signed	22-Oct-04	20-Oct-04	20-Oct-04
ASA (CW) Report Submitted to Congress	22-Oct-04	20-Oct-04	20-Oct-04
President Signs Authorization	30-Mar-05	16-Dec-04	16-Dec-04

Baseline is either approved PMP or MIS1.0 whichever is later. Current Approved is the same as the Baseline unless the project undergoes Change Control Approval (CCA) to revise the Baseline.

CERP PROJECTS

Monthly Progress Report

Report Date: 31-Jul-04		Reporting Period: 01-Jul-04 to 31-Jul-04	
Project: CERP- Everglades Agricultural Area Storage Reservoirs Phase 1 – WBS# 08			
Project Managers: SFWMD: Lewis Hornung CORPS: Brad Clark			
Project Status (Green, Yellow, Red): Green			
Explanation if not Green:			
Project Summary: This project is located in the Everglades Agricultural Area (EAA) in western Palm Beach County on lands purchased in the Talisman Land Agreement. The project has two components: 1) Conveyance capacity increases for the Miami, North New River, and Bolles and Cross canals; and 2) An above-ground reservoir capacity of 240,000 acre-feet. The reservoir capacity will provide for irrigation requirements in the EAA, environmental deliveries of water to the WCAs, storage of regulatory releases from Lake Okeechobee, and increased flood protection within the EAA. Flows to the Everglades Protection Area will be delivered through STAs.			
Summary of Work Completed During This Reporting Period: Continued mercury existing conditions study and socio-economics data gathering efforts. Continued developing and evaluating project alternatives. Completed draft final environmental existing conditions report. Awarded sub-regional modeling contract. Submitted Feasibility Scoping Meeting (FSM) materials and set date of 30 August. Continued survey, geotechnical and real estate data collection necessary for 30% design of reservoirs and Bolles/Cross canals and procured design services for Compartment A-1 design and Bolles/Cross design (dual track).			
Work Planned for Next Reporting Period: Continue mercury study and environmental existing/future conditions work. Prepare for and conduct FSM. Restart sub-regional modeling work. Continue evaluation of alternatives. Continue data collection necessary for 30% design of reservoirs and Bolles/Cross canals. Begin further design on reservoir and canals enlargement (dual track).			
Potential or Active Issues and Actions Taken To Resolve Issues: SFWMD is initiating design and construction of a portion of the reservoir. The process will result in starting the initial construction phase in 2006 and completion in 2009.			
Project Milestones and Status			
Milestone	Yellow Book	Current Approved	Forecast
Initiate PIR	01-Jul-99		06-Feb-02A
Notice of Intent to Prepare NEPA			07-Feb-02A
Complete Base Conditions and Initial Alternative Array		12-Jul-02	16-Apr-04A
Complete Preliminary Screening of Alternatives			28-May-04A
Submit FSM Material to SAD/CECW		01-Aug-02	09-Jul-04A
Feasibility Scoping Meeting		09-Sep-02	Aug-04
FSM Guidance Memorandum			Sep-04
Select Final Array of Alternatives		29-Oct-02	Sep-04
Complete Final Screening and Tentatively Selected Plan		06-Jun-03	Mar-05
Water Reservation Identified			Dec-05
Documentation to SAD/CECW for AFB			Jan-06
AFB/Site Visit		27-Jun-03	Mar-05
AFB Guidance Memorandum			Apr-05
Draft PIR/NEPA		02-Oct-03	Dec-05
ITR Review of Draft PIR/NEPA		17-Oct-03	Jan-06
ITR PIR Review Conference			Jan-06
Draft PIR/NEPA Published in Federal Register		31-Oct-03	Jun-06
Complete Public Review of Draft PIR/NEPA			Jul-06
Prepare Response to Public Comment			Aug-06

**Everglades Agricultural Area Storage Reservoirs - Phase 1
Project Milestones and Status (continued)**

Milestone	Yellow Book	Current Approved	Forecast
Complete Final Draft PIR/NEPA		03-Dec-03	Apr-06
Complete ITR Certification and Legal Review of Final Draft PIR/NEPA			May-06
Sponsors Letter of Intent		22-Dec-03	Jun-06
FS 1501 DEP Approval		29-Aug-03	Jun-06
Publish Final PIR/NEPA in Federal Register		24-Dec-03	Apr-06
Complete Public Review of Final PIR/NEPA		16-Jan-04	May-06
Prepare Response to Public Comment			Jun-06
MSC Public Notice (Approval)	03-Jan-04	19-Apr-04	Aug-06
CECW-PC Assessment to CECW-PM			
ASA(CW) Memorandum to OMB			
Record of Decision Signed			
Chief's Report to ASA(CW)			
ASA(CW) Report to Congress			
President Signs Authorization			
Fiscal Closeout of PIR		30-Dec-04	

Project Name:	CERP North Palm Beach County - Part 1	Project ID:	17
Reporting Period:	Previous Month	Report Date:	05-Aug-04
Project Status:	YELLOW	Data Date:	02-Aug-04
PM, CORPS:	Grubb, Jerry	PM, NFS:	Voich, M.

Explanation if not Green:

Project is yellow due to PMP completion delay. Early work letter has been provided so as to not delay efforts on PIR. PMP to be revised to include Loxahatchee restoration efforts. Team working on PIR schedule.

Project Summary:

The overall purposes of this project are to increase water supplies to the Grassy Waters Preserve and Loxahatchee Slough, provide flows to enhance hydro-periods in the Loxahatchee Slough, increase base flows to the Northwest Fork of the Loxahatchee River and reduce high discharges to the Lake Worth Lagoon. This project includes six separable elements: Pal-Mar and J.W. Corbett Wildlife Management Area Hydropattern Restoration. Water control structures, canal modifications and the acquisition of 3,000 acres to provide hydrologic connections between the Corbett WMA and the Moss property, the C-18 Canal, the Indian Trail Improvement District, and the L-8 borrow canal. L-8 Basin Modifications. Modifications to the L-8 Basin including pumps, water control structures, and canal improvements to construct the required conveyance features in the basin. C-51 and L-8 Reservoir. A combination of above-ground and in-ground reservoirs to increase water supply availability and flood protection for north Palm Beach County areas. Lake Worth Lagoon Restoration. Removal and trapping of sediments within the C-51 Canal and sediment removal or trapping within an area downstream of the C-51 Canal and the Lake Worth to improve water quality and allow for the reestablishment of sea grasses and benthic communities. C-17 Pumping and Treatment. Pumping facilities and a stormwater treatment area with a total capacity of 2,200 acre-feet located in northeastern Palm Beach County to increase water supplies to the Grassy Waters Preserve and Loxahatchee Slough. C-51 Pumping and Treatment. Pumping facilities and a stormwater treatment area with a storage capacity of 2,400 acre-feet located in Palm Beach County to increase water supplies to the Grassy Waters Preserve and Loxahatchee Slough.

Summary of Work Completed During this Reporting Period:

Participated in RPDT meeting 20-Jul-04.. Conducted periodic telephone meetings between USACE and SFWMD Project Managers and team members to plan work efforts; USACE, SFWMD and Ecology and Environment Team continued work on initial PIR activities. Progress continues on identifying features of future without project condition.

Work Planned for Next Reporting Period:

Preparation of FSM materials.

Potential or Active Issues and Actions Taken to Resolve Issues:

USACE PM, Planning Division and SFWMD PM to get agreement on PIR cost estimate.

Project 17 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
PMP Initiated	27-Mar-01	02-Apr-01	02-Apr-01 A
PDT Kick-off Meeting	03-May-01	03-May-01	03-May-01 A
PMP Internal Review Initiated	31-Jul-01	04-Dec-01	04-Dec-01 A
PMP Internal Review Complete	15-Aug-01	07-Jan-02	07-Jan-02 A
PMP Approved by PrePRB	03-Oct-01	03-May-02	03-May-02 A
PMP Approved by Local Sponsor	19-Oct-01	24-May-02	24-May-02 A
PMP DDE(PM) Signature	31-Oct-01	08-Mar-04	09-Aug-04
Work-in-Kind Letter Signed by District Engineer	05-Nov-02	10-Mar-04	11-Aug-04

For projects under PMP development, Baseline & Current Approved are the first schedule presented to and approved by DCT.

Project Name:	CERP Lake Okeechobee ASR Pilot	Project ID:	32
Reporting Period:	Previous Month	Report Date:	16-Aug-04
Project Status:	GREEN	Data Date:	02-Aug-04
PM, CORPS:	Smith, Pauline	PM, NFS:	Kwiatkowski, P.

Explanation if not Green:

Project Summary:

This project will evaluate the technical and regulatory uncertainties associated with aquifer storage and recovery (ASR) technology near Lake Okeechobee. The Lake Okeechobee ASR pilot project includes data collection, plan formulation, permitting, design, construction, testing, operation, and reporting for four (4) ASR well systems that will store available water for subsequent recovery during dry periods. The project will be located at two (2) areas around Lake Okeechobee, with one of these sites being a three well cluster to evaluate how multiple ASR systems interact with each other.

Summary of Work Completed During this Reporting Period:

USACE planning and environmental coordination tasks by PD-R and PD-E are in progress.

Public comment period ended July 6, 2004.

CH2M Hill began redesign of Lake Okeechobee ASR pilot project in June 2004. USACE received 30% redesign this month. 90% redesign is scheduled for completion in early September.

Work Planned for Next Reporting Period:

90% design

CERPRA & UIC permit applications

Final PPDR/FEIS

Potential or Active Issues and Actions Taken to Resolve Issues:

Issue: Permits and PCA approval are on critical path.

Action: Continued coordination with FDEP, SFWMD and COE Vertical team.

Project 32 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
Initiate Decision Document PPDR (Milestone 100)		15-Mar-01	15-Mar-01 A
Notice of Intent to prepare NEPA Issued (Milestone L200)		15-May-02	15-May-02 A
Technical Review Conference(TRC) (MS 124)		20-Oct-03	20-Oct-03 A
Draft PPDR and NEPA Report Complete (Milestone L290)	06-Nov-03	14-Nov-03	14-Nov-03 A
Draft PPDR/NEPA Published in Federal Register (Milestone L325)	26-Nov-03	07-May-04	07-May-04 A
FS 1501 Submittal to FDEP (Milestone L350)	13-Apr-04	13-Aug-04	13-Aug-04
Sponsor's Letter of Intent Received (MS L375)		01-Sep-04	01-Sep-04
MSC Commander's Public Notice (Milestone 170)		24-Sep-04	24-Sep-04
Final PPDR/NEPA Report Published in Federal Register (Milestone L385)	19-Apr-04	30-Sep-04	30-Sep-04
Record of Decision Signed (Milestone 320)		29-Dec-04	29-Dec-04
FS 1501 DEP Approval (MS L380)		18-Jan-05	18-Jan-05

Baseline is either approved PMP or MIS1.0 whichever is later. Current Approved is the same as the Baseline unless the project undergoes Change Control Approval (CCA) to revise the Baseline.

Project Name:	CERP Caloosahatchee (C-43) River ASR Pilot	Project ID:	33
Reporting Period:	Previous Month	Report Date:	16-Aug-04
Project Status:	GREEN	Data Date:	02-Aug-04
PM, CORPS:	Dasher, Richard	PM, NFS:	Verrastro, B.

Explanation if not Green:

Project Summary:

This Aquifer Storage and Recovery (ASR) Pilot Project will assess the hydrogeological characteristics of the Hawthorn and Floridian aquifers and water quality in the vicinity of the C-43 Basin Storage Reservoir. Suitable sites and an optimal design for ASR wells at this site will be determined during the pilot project. The quality of the source water available for storage and required water treatment, if any, will be determined.

Summary of Work Completed During this Reporting Period:

- SFWMD contractor completed ASR well specific capacity testing.
- Public comment period on the draft PPDR/DEIS ended July 6, 2004.
- SFWMD responses to FDEP CERPRA permit and petition for Water Criteria Quality Exemption were submitted July 6 and 8, respectively.

Work Planned for Next Reporting Period:

- Final PPDR/FEIS will be completed by August 24 for ITR and legal review.
- ASR well continues to produce sand and is not optimal for use as an ASR well. Continuous core well (Regional ASR Study task) to be completed at the Caloosahatchee site, and this well location may be completed as the ASR well location instead of the exploratory well location. SFWMD geophysical study results to be reviewed and continuous core well location recommendations are forthcoming. The need to perform the continuous core well at this time will delay the project schedule by approximately two months.

Potential or Active Issues and Actions Taken to Resolve Issues:

Issue: Expedited PPDR/DEIS process.

Action: Continued coordination with COE Vertical team.

- ASR well construction claim has been filed with SFWMD; negotiations ongoing.
- Change control form prepared to document schedule delay due to exploratory ASR well encountering unfavorable subsurface well construction.

Project 33 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
Initiate PPDR		11-Feb-02	11-Feb-02 A
NOI to prepare NEPA Issued (Milestone L200)		15-May-02	15-May-02 A
Technical Review Conference(TRC) (Milestone 124)		20-Oct-03	20-Oct-03 A
Draft PPDR and NEPA Report Complete (Milestone L290)		14-Nov-03	14-Nov-03 A
FS 1501 Submittal to FDEP (Milestone L350)		05-May-04	05-May-04 A
Draft PPDR/NEPA Published in Federal Register (Milestone L325)		07-May-04	07-May-04 A
Sponsor's Letter of Intent Received	07-Apr-05	01-Sep-04	01-Sep-04
MSC Commander's Public Notice (Milestone 170)		24-Sep-04	24-Sep-04
Final PPDR/NEPA Report Published in Federal Register (Milestone L385)		30-Sep-04	30-Sep-04
Record of Decision Signed (Milestone 320)		29-Dec-04	29-Dec-04
FS 1501 DEP Approval (MS L380)		03-Jan-05	03-Jan-05

Baseline is either approved PMP or MIS1.0 whichever is later. Current Approved is the same as the Baseline unless the project undergoes Change Control Approval (CCA) to revise the Baseline.

Project Name:	CERP Hillsboro ASR Pilot	Project ID:	34
Reporting Period:	Previous Month	Report Date:	16-Aug-04
Project Status:	GREEN	Data Date:	02-Aug-04
PM, CORPS:	Smith, Pauline	PM, NFS:	Nevulis, R.

Explanation if not Green:

Project Summary:

The Hillsboro ASR Pilot Project is located in southern Palm Beach County along the northern bank of the Hillsboro Canal immediately east of the southern end of the Loxahatchee National Wildlife Refuge, a.k.a. Water Conservation Area No. 1. It is anticipated that the completed project will include the following components.

One ASR well completed into the upper Floridian Aquifer System, with a forecast capacity of 5 million gallons per day (5 mgd),

- A surface water collection system to supply water to the ASR system, Pre and Post-ASR water treatment facilities
- Surface facilities including pumps, piping, etc. needed to operate the system, and
- Associated ASR monitoring wells in the Floridian and Surficial Aquifer Systems.

Summary of Work Completed During this Reporting Period:

Public comment period for Draft PPDR/DEIS ended July 6, 2004.

Petition for a Water Quality Criteria Exemption was submitted FDEP on July 6.

50% design review conference took place on July 26.

Work Planned for Next Reporting Period:

90% design

Final PPDR/FEIS

Potential or Active Issues and Actions Taken to Resolve Issues:

Issue: Permits and PCA approval are on critical path.

Action: Continued coordination with FDEP, SFWMD and COE Vertical team.

Project 34 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
Initiate Decision Document PPDR (MS 100)		16-Mar-01	16-Mar-01 A
NOI to prepare NEPA Issued (MS L200)		15-May-02	15-May-02 A
Technical Review Conference(TRC) (MS 124)		20-Oct-03	20-Oct-03 A
Draft PPDR and NEPA Report Complete (MS L290)		14-Nov-03	14-Nov-03 A
Draft PPDR/NEPA Published in Federal Register (MS L325)		07-May-04	07-May-04 A
FS 1501 Submittal to FDEP (MS L350)		13-Aug-04	13-Aug-04
Sponsor's Letter of Intent Received		01-Sep-04	01-Sep-04
MSC Commander's Public Notice (MS 170)		24-Sep-04	24-Sep-04
Final PPDR/NEPA Report Published in Federal Register (MS L385)		30-Sep-04	30-Sep-04
Record of Decision Signed (MS 320)		29-Dec-04	29-Dec-04
FS 1501 DEP Approval (MS L380)		18-Jan-05	18-Jan-05

Baseline is either approved PMP or MIS1.0 whichever is later. Current Approved is the same as the Baseline unless the project undergoes Change Control Approval (CCA) to revise the Baseline.

Project Name:	CERP Acme Basin B Discharge	Project ID:	38
Reporting Period:	Previous Month	Report Date:	09-Aug-04
Project Status:	GREEN	Data Date:	02-Aug-04
PM, CORPS:	Grubb, Jerry	PM, NFS:	Collins, K.

Explanation if not Green:
Project Summary: The purpose of the Acme Basin B project is to provide water to the Loxahatchee National Wildlife Refuge (Water Conservation Area 1) that would otherwise be lost to tide.
Summary of Work Completed During this Reporting Period: Proposed a modified future without project condition to HQUSACE to include mitigation water from Lake Okeechobee.
Work Planned for Next Reporting Period: Finalize AFB materials.
Potential or Active Issues and Actions Taken to Resolve Issues: Sponsor intends to evaluate the option of initiating design prior to project authorization or pursuing the project on a dual track with PIR development in order to comply with EFA target date of December 2006.

Project 38 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
Notice of Intent to Prepare NEPA Issued	10-May-02	10-May-02	10-May-02 A
Initiate Decision Document (PIR)	23-Sep-02	23-Sep-02	23-Sep-02 A
Base Conditions and Initial Alternative Array Complete	30-Apr-03	30-Apr-03	30-Apr-03 A
Preliminary Screening of Alternatives Complete	15-May-03	15-May-03	15-May-03 A
Feasibility Scoping Meeting (FSM)	18-Feb-04	20-Jan-04	20-Jan-04 A
Final Screening / Tentatively Selected Plan Complete	25-May-04	19-May-04	18-Aug-04
AFB Alternative Formulation Briefing/Site Visit	28-Jul-04	22-Jul-04	25-Oct-04
Draft PIR/NEPA Report Complete	03-Mar-05	25-Feb-05	25-May-05
Complete Draft PIR/NEPA and Publish in Federal Register	21-Apr-05	15-Apr-05	15-Jul-05
Sponsor's Letter of Intent Received	09-Aug-05	03-Aug-05	02-Nov-05
FS 1501 Submittal to FDEP	16-Aug-05	10-Aug-05	09-Nov-05
FS 1501 DEP Approval	28-Sep-05	22-Sep-05	27-Dec-05
MSC Commander's Public Notice (Complete PIR)	16-Nov-05	09-Nov-05	14-Feb-06
Final PIR/NEPA Report Published in the Federal Register Complete	01-Dec-05	23-Nov-05	28-Feb-06
FONSI Signed	20-Mar-06	14-Mar-06	12-Jun-06
ASA(CW) Report Submitted to Congress	03-Apr-06	28-Mar-06	27-Jun-06

Baseline is either approved PMP or MIS1.0 whichever is later. Current Approved is the same as the Baseline unless the project undergoes Change Control Approval (CCA) to

Project Name:	CERP Strazzulla Wetlands	Project ID:	39
Reporting Period:	Previous Month	Report Date:	08/06/04
Project Status:	GREEN	Data Date:	08/02/04
PM, CORPS:	Grubb, Jerry	PM, NFS:	Collins, K.

Explanation if not Green:

Project Summary:

This separable element includes water control structures and the acquisition of 3,335 acres located in Palm Beach County. The purpose of this separable element is to provide a hydrological and ecological connection to the Loxahatchee National Wildlife Refuge and expand the spatial extent of protected natural areas. This land will act as a buffer between higher water stages to the west and lands to the east that must be drained. This increase in spatial extent will provide vital habitat connectivity for species that require large unfragmented tracts of land for survival. It also contains the only remaining cypress habitat in the eastern Everglades and one of the few remaining sawgrass marshes adjacent to the coastal ridge.

Summary of Work Completed During this Reporting Period:

Reviewing "Reaffirmation PIR task list.

Work Planned for Next Reporting Period:

Continue work on Reaffirmation PIR.

Potential or Active Issues and Actions Taken to Resolve Issues:

Project schedule may be revised if HQ concurrence granted from April 21, 2004 IPR.

Project 39 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
Initiate Decision Document (PIR)	12/22/03	12/01/03	12/01/03 A
Notice of Intent to Prepare NEPA Issued	02/25/04	04/02/04	08/18/04
Feasibility Scoping Meeting (FSM)	02/26/04	07/26/04	12/01/04
Alternative Formulation Briefing (AFB)/Site Visit	07/07/04	12/29/04	05/11/05
Draft PIR/NEPA Report Complete	08/04/04	01/28/05	06/09/05
FS 1501 Submittal to FDEP with WQC Application	08/18/04	02/11/05	06/23/05
Draft PIR/NEPA Published in Federal Register	09/02/04	03/01/05	07/11/05
FS 1501 DEP Approval	10/19/04	04/13/05	08/23/05
Sponsor's Letter of Intent Received	03/03/05	08/19/05	01/05/06
MSC Commander's Public Notice (Complete PIR)	04/11/05	09/28/05	02/14/06
Final PIR/NEPA Report Published in the Federal Register	04/25/05	10/13/05	03/01/06
Record of Decision (ROD) Signed	07/12/05	01/04/06	05/16/06
ASA(CW) Report Submitted to Congress	01/25/06	06/05/06	10/16/06
President Signs Authorization	06/06/06	10/16/06	03/02/07

Baseline is either approved PMP or MIS1.0 whichever is later. Current Approved is the same as the Baseline unless the project undergoes Change Control Approval (CCA) to

Project Name:	CERP ASR Regional Study	Project ID:	44
Reporting Period:	Previous Month	Report Date:	02-Aug-04
Project Status:	GREEN	Data Date:	02-Aug-04
PM, CORPS:	Smith, Pauline	PM, NFS:	Kwiatkowski, P.

Explanation if not Green:

Project Summary:

The ASR Regional Study is designed to address regional, technical issues associated with the CERP ASR Program beyond the scope and budget of the ASR Pilot Projects.

Summary of Work Completed During this Reporting Period:

- Review Draft Regional Study Protocols.
- DRAFT Preliminary Hydrogeologic Framework (USGS) distributed for internal review.
- Begin Phase 1 Geochemical Reaction Modeling
- Pressure Induced Changes distributed for internal review
- Evaluate Marine Seismic Reflection Data
- Final Draft Lineament Analysis distributed for Project Specific Team review

Work Planned for Next Reporting Period:

- Marine Seismic Reflection Data Interpretation reviewed by USGS
- Begin deep well contractor selection.
- Begin Baseline Ecological Monitoring.
- Begin Screening Bioassay

Potential or Active Issues and Actions Taken to Resolve Issues:

Project 44 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
PMP Initiated	21-Mar-01	21-Mar-01	21-Mar-01 A
PDT Kickoff Meeting	16-May-01	16-May-01	16-May-01 A
PMP Internal Review Initiated	22-Feb-02	13-Mar-02	13-Mar-02 A
PMP Internal Review Complete	15-Mar-02	03-Apr-02	03-Apr-02 A
PMP Approved by Non Federal Sponsor	30-Sep-02	02-Jun-03	02-Jun-03 A
PMP Approved by Corps DDE (PM)	30-Sep-02	23-Jul-03	23-Jul-03 A
PMP Approved by PrePRB	04-Sep-02	23-Jul-03	23-Jul-03 A
Work-in-Kind Letter Signed by District Engineer	30-Sep-02	31-Mar-04	27-Aug-04

For projects under PMP development, Baseline & Current Approved are the first schedule presented to and approved by DCT.

Project Name:	CERP Winsberg Farm Wetlands Restoration	Project ID:	91
Reporting Period:	Previous Month	Report Date:	03-Aug-04
Project Status:	YELLOW	Data Date:	02-Aug-04
PM, CORPS:	Grubb, Jerry	PM, NFS:	Hadjimiry, H

Explanation if not Green:

Waiting on guidance from HQ/SAD on land value/crediting issue to finalize alternative analysis for AFB.

Project Summary:

The project will create 140 acres of wetlands, using water from the Palm Beach County Southern Region Water Reclamation Facility, in the vicinity of the Wakodahatchee Wetland in southern Palm Beach County.

Summary of Work Completed During this Reporting Period:

Preparation of AFB materials continues.

Work Planned for Next Reporting Period:

Schedule the AFB with HQ/SAD.

Potential or Active Issues and Actions Taken to Resolve Issues:

Project 91 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
Initiate Decision Document (PIR)	26-Apr-02	26-Apr-02	26-Apr-02 A
Notice of Intent to Prepare NEPA Issued	10-May-02	10-May-02	10-May-02 A
Base Conditions and Initial Alternative Array Complete	03-Mar-03	03-Mar-03	03-Mar-03 A
Feasibility Scoping Meeting (FSM)	03-Nov-03	03-Nov-03	03-Nov-03 A
Preliminary Screening of Alternatives Complete	13-Feb-04	13-Feb-04	13-Feb-04 A
AFB Alternative Formulation Briefing/Site Visit	02-Sep-04	02-Sep-04	15-Oct-04
Final Screening / Tentatively Selected Plan Complete	28-Sep-04	28-Sep-04	09-Nov-04
Draft PIR/NEPA Report Complete	27-Jan-05	27-Jan-05	10-Mar-05
Draft PIR/NEPA Published in Federal Register	18-Mar-05	18-Mar-05	28-Apr-05
Sponsor's Letter of Intent Received	20-Jun-05	20-Jun-05	01-Aug-05
FS 1501 Submittal to FDEP	27-Jun-05	27-Jun-05	08-Aug-05
FS 1501 FDEP Approval	09-Aug-05	09-Aug-05	20-Sep-05
MSC Commander's Public Notice (Complete PIR)	30-Aug-05	30-Aug-05	12-Oct-05
Final PIR/NEPA Report Published in the Federal Register Complete	13-Sep-05	13-Sep-05	25-Oct-05
Record of Decision (ROD) Signed	05-Jan-06	05-Jan-06	09-Feb-06
ASA(CW) Report Submitted to Congress	23-Jan-06	23-Jan-06	27-Feb-06

Baseline is either approved PMP or MIS1.0 whichever is later. Current Approved is the same as the Baseline unless the project undergoes Change Control Approval (CCA) to

Project Name:	CERP Melaleuca Eradication and Other Exotic Plants	Project ID:	95
Reporting Period:	Previous Month	Report Date:	12-Aug-04
Project Status:	YELLOW	Data Date:	02-Aug-04
PM, CORPS:	Luisi, Kerry	PM, NFS:	Morgan, J.

Explanation if not Green:

Extensive coordination to amend the existing design agreement between the USACE and SFWMD has resulted in a delay of the schedule.

Project Summary:

The Melaleuca Eradication and Other Exotic Plants project is a two-part plan to enhance efforts to control invasive exotic plant species in south Florida. The two parts include 1) Mass rearing and controlled release of biological agents throughout south Florida and 2) Preparation of a report to further identify the overall problem with exotic invasive plants and provide a recommendation regarding further Federal involvement .

Summary of Work Completed During this Reporting Period:

Implement Biological Controls PIR

USACE and SFWMD coordinating to amend the existing design agreement to include this project.

The Draft Final Project Management Plan (PMP) has been prepared and was posted to the Everglades website for public review on July 22nd, 2004. Once the PMP is approved, the Project Implementation Report (PIR) will be initiated.

Special Report on Invasive Species

Work order issued for DOI to provide support with special report identifying the overall problem with exotic invasive plants and to make recommendations on further Federal involvement.

Work Planned for Next Reporting Period:

- Execute the amendment to the existing design agreement between the USACE and SFWMD to include this project.
- Finalize PMP and start approval process.

Coordinate with DOI to prepare Special Report on Invasive Species.

Potential or Active Issues and Actions Taken to Resolve Issues:

No issues

Project 95 Milestones and Status

Milestones Names	Baseline	Current Approved	Forecast Schedule
PMP Initiated	30-Oct-02	10-Nov-03	10-Nov-03 A
PDT Kick-off Meeting	19-Feb-03	29-Mar-04	25-Mar-04 A
PMP Internal Review Initiated	26-Feb-03	09-Apr-04	10-May-04 A
PMP Internal Review Complete	18-Apr-03	14-May-04	19-May-04 A
PMP Approved by Local Sponsor		07-Jul-04	03-Sep-04
PMP DDE(PM) Signature		14-Jul-04	13-Sep-04
Work-in-Kind Letter Signed by District Engineer		21-Jul-04	20-Sep-04

For projects under PMP development, Baseline & Current Approved are the first schedule presented to and approved by DCT.

CRITICAL RESTORATION PROJECTS

Monthly Progress Report

Report Date: 30-Jul-04		Reporting Period: 01-July-04 to 31-July-04	
Project: CP- Western C-11 Water Quality Improvement – WBS# 486			
Project Managers: SFWMD: Jose Lopez		CORPS: Richard Dasher	
Project Status (Green, Yellow, Red): Green			
Explanation if not Green:			
Project Summary: <p>The purpose of this project is to improve the quality and timing of stormwater discharges from the Western C-11 Basin to the Everglades Protection Area. The S-9 pump station currently pumps urban and agricultural stormwater runoff from the Western C-11 Basin directly into Water Conservation Area (WCA) 3A. This project will be completed in two phases. Phase 1 involves installation of four new seepage return pumps adjacent to the S-9 pump station. Phase 2 involves construction of a new divide structure in the C-11 canal, approximately 0.9 miles east of US Highway 27. Seepage return pumps will include two 75-cfs electric pumps and two 175-cfs diesel pumps. The divide structure will be a bottom-hinged Obermeyer gate. During non-flood conditions, the new structure is intended to separate seepage from stormwater runoff, allowing return of relatively clean seepage waters to WCA-3A using the new seepage return pumps.</p>			
Summary of Work Completed During This Reporting Period: <p>Project is at 55% completion and on schedule. HPA has completed the dewatering of the coffer dam, the inspection, the cleaning and leveling of the concrete Tremie Seal, the layout, construction and installation of the concrete base slab and the lay-out and installation of reinforcing steel, piping and embeds for first pour of concrete base slab (North Bay), Installation of permanent and temporary power has been completed at the job site COE provided one copy of the final Obermeyer submittal package dated July 19, 2004</p>			
Work Planned for Next Reporting Period: <p>Layout and install reinforcing steel, piping and embeds for the 2nd. (Central Bay) and 3rd. (South Bay) pour of concrete base slabs COE will issue a RFP to add a “control battery back-up” per District staff request. HPA will provide drawings of pre-cast 13’ x 21’ control building for comments.</p>			
Potential or Active Issues and Actions Taken To Resolve Issues:			
Project Milestones and Status			
Milestone	Baseline Completion	Revised Completion	Actual Completion
Initiate Construction – Pump Station	30-Sep-00	15-Nov-00	15-Nov-00
Complete Construction - Pump Station	31-Dec-01	22-Aug-02	15-Aug-02
Beneficial Occupancy by Sponsor	N/A	04-Sep-02	05-Sep-02
SAD Approve C-11 Water Control Plan	12-Apr-02	24-Jun-02	19-Jun-02
Complete Redesign – Spillway	10-Sep-02	11-Apr-03	22-Apr-03
Award Construction Contract – Spillway	13-Jan-03	19-Sep-03	22-Sep-03
Initiate Construction – Spillway	12-Feb-03	22-Oct-03	22-Oct-03
Complete Construction – Spillway	28-Oct-03	22-Jan-05	

CRITICAL RESTORATION PROJECTS

Monthly Progress Report

Report Date: 13-Aug-04		Reporting Period: 01-July-04 to 31-July-04	
Project: CP- Lake Okeechobee Water Retention/Phosphorus Removal – WBS # 489			
Project Managers: SFWMD: Lewis Hornung USACE: Daphne Ross			
Project Status (Green, Yellow, Red): Red			
Explanation if not Green: Delay in construction contract awards due to funding, permit issues, BCOE review, and cancel/restart of Taylor Creek and Nubbin Slough solicitations.			
Project Summary: The project consists of design and construction of stormwater treatment areas (STAs) for Taylor Creek (169 acres) and Nubbin Slough (780 acres), and the restoration of isolated wetlands on privately owned agricultural parcels north of Lake Okeechobee. The purpose of the project is to attenuate peak flows and store water from portions of the watershed, and to improve water quality.			
Summary of Work Completed During This Reporting Period:			
<u>Nubbin Slough:</u> Contractor has prepared field plan submittals. During the environmental surveys, gopher tortoises and burrowing owls have been sited. Contract mod for the relocation of the tortoises pending. SFWMD (Lisa Krieger) has identified a relocation site for the tortoises. Contractor will allow the owls to fledge prior construction start at the owl nest sites.			
<u>Taylor Creek:</u> Contractor has prepared field plan submittals and has commenced construction.			
Work Planned for Next Reporting Period:			
<u>Nubbin Slough:</u> Contractor is to relocate the tortoises and commence construction in areas other than the owl nest sites.			
<u>Taylor Creek:</u> Contractor to continue construction.			
Potential or Active Issues and Actions Taken To Resolve Issues:			
Lake Okeechobee Water Retention/Phosphorus Removal Project Milestones and Status			
Milestone	Yellow Book	Approved	Forecast
Receive Water Quality Certification	15-Jul-02	1-Feb-03	15-Sep-03A
Taylor Creek STA			
Receive Land Certification	06-Jun-02		03-May-02 A
Receive Final VE Design (plans & specs)		18-Dec 02	13-Jun-03 A
2 nd P&S BCOE Certification			12-Dec-03 A
Contract Advertised (IFB)			17-Mar-04 A
Bid Opening			30-Mar-04 A
Award Contract	03-Sep-02	18-Mar-03	26-Apr-04 A
Complete Construction	03-Sep-03	03-Mar-04	28-Jun-05
Nubbin Slough STA			
Receive Land Certification	06-Jun-02	05-Jun-03	24-Jun-03 A
Receive Final VE Design (plans & specs)		21-May-03	13-Jun-03 A
Contract Advertised (IFB)	31-Jul-02	19-Jun-03	9-Apr-04 A
Bid Opening	01-Aug-02	21-Aug 03	20-Apr-04 A
Award Contract	03-Sep-02	12-Sep-03	17-May-04A
Complete Construction	29-Nov-04	21-Apr-05	07-Mar-06

Note 1: "A" next to the forecast date indicates "Actual Completed Date"

Note 2: **Bold** indicates new date since last report

CRITICAL RESTORATION PROJECTS

Monthly Progress Report

Report Date: 01-August-04	Reporting Period: 01-July-04 to 31-July-04		
Project: CP- Ten Mile Creek – WBS# 490			
Project Managers: SFWMD: Denise Arietta		CORPS: Doris Marlin	
Project Status (Green, Yellow, Red): Green			
Explanation if not Green: N/A			
Project Summary: The project is located just south of Ten Mile Creek in St. Lucie County. Ten Mile Creek is the largest sub-basin delivering water to the North Fork of the St. Lucie River Estuary (SLE). The SLE discharges into the Indian River Lagoon (IRL), which is the most biologically diverse estuary in North America and has been designated as an Outstanding Florida Water. The entire lagoon is endangered from increased runoff from watershed drainage fluctuations. Excess stormwater due to drainage fluctuations alters the salinity of the SLE resulting in elimination of viable habitat suitable for oysters, seagrasses and marine fish spawning.			
Summary of Work Completed During This Reporting Period:			
<ul style="list-style-type: none"> • ASI completed the base slab at PS #382. • ASI concrete crew is currently standing wall forms at PS #382. • ASI placed half of the base slab at PS #383 and wall placement #1 at PS #382. • 1st lift of wall will be completed along with the base slab @ PS #383. • ASI placing 2nd lift of walls @ PS382 and placing a mud slab @ the distribution box. • ASI is standing base slab wall forms at PS #383, plan to place first part of slab and the first wall placement at PS#382. • CCT has dropped back to complete the toe drain where the tortoise were located. • Pull Pans has knocked the tangerine trees down and removed. • ASI has installed the silt fence and CCT will work to remove the poly pipe. • Burning operation is going well, Pull Pans awaits the arrival of two off road haulers to load the treatment cell debris to haul into the reservoir for burning. • CCT is currently dressing the levee from Sta 2+00 to 48+00. • CCT is currently excavating the collector ditch from Sta 80+00 to 95+00 Baseline "C". • CCT has completed toe drain up to Sta 95+00 Baseline "C". • CCT is running a quad w/ 2 pans cutting the collector ditch and placing the fill on the levee footprint from Sta 27+00 to roughly 41+00 Baseline "D". • ASI is setting forms @ the distribution Box. • Pull Pans is currently removing 3"+ tree debris from reservoir blocks. • CCT had FRS complete surveys and will supply ASI with cross-section by 2 July. • Public review meeting held July 27, 2004, at 7:00 p.m. 			
Work Planned for Next Reporting Period: Continue levee and pump station work. Continue structural work at S-382 & S383 - pours for concrete, lift walls, mud mats in distribution boxes etc. Archaeological evaluation of data will continue. Continue preparation of Draft Water Control Plan and for public review process. LERRD credit review underway.			
Potential or Active Issues and Actions Taken To Resolve Issues: Errors in dimensions found in P&S. COE & ASI teaming to review.			
Project Milestones and Status			
Milestone	Yellow Book	Current Approved	Forecast
Complete WQ Permit Application	NA	23-Mar-01	Mar-02A
Acquire Local Permits	NA	05-Sep-01	NA

Receive WQ Permit	NA	01-Nov-01	30-May-03A
Receive Land Certification	NA	01-Nov-00	12-Mar-03A
Complete Plans and Specs	NA	20-Jul-01	30-May-02A
Complete Internal Review & BCOE Certification	NA	30-Oct-01	04-Apr-03A
Advertise Construction Project	NA	6-Jun-03	06-Jun-03A
Open Bids	NA	21-Aug-03	28-Aug-03A
Award Construction Contract	NA	25-Sep-03	26-Sep-03A
Complete Construction	NA	30-Dec-05	30-Dec-05