

DISTRICT PERFORMANCE MANAGEMENT

PROJECT MANAGEMENT PLAN

EAA A1 FLOW EQUALIZATION BASIN



sfwmd.gov

Project Manager Name:

Project SAP PS ID

Project ID (Optional)

PMP Monitoring & Control Rev#:

PMP Monitoring & Control Rev Date:

Report Section Update Date:

Jennifer Leeds

100706



**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
PROJECT MANAGEMENT PLAN**

EAA A1 Flow Equalization Basin

**Jennifer Leeds
Sara Sciotto**

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SOUTH FLORIDA WATER MANAGEMENT DISTRICT

APPROVALS

This project management plan is a living document with adjustments made through the procedure in the Monitor & Control section of this plan. This page will not need to be revised as changes are implemented. The following page (Revisions) provides an overview of all revisions to this plan. The Monitor & Control section provides details for all revisions requested, their status and any associated required approvals.

PROJECT INFORMATION (PRINT)

Resource Area (requesting the project in AWP) Everglades Restoration and Capital Projects

Project Title (exactly as it appears in SAP PS) EAA A1 FEB

Project SAP PS ID 100706

Project ID (Other) _____

Project Manager: Jennifer Leeds

Project Manager Supervisor: Eric Gonzalez

Project Sponsor(s): John Dunnuck

BUSINESS REVIEWS & APPROVAL (SIGN)

_____	_____
Tom Olliff - Project Sponsor	Date
<i>Approved in PS Workflow. Signature is not required</i>	<i>Not Required</i>
Ken Ammon - Resource Area Manager	Date
_____	_____
Temperince Morgan - Department Manager	Date
_____	_____
Matt Morrison - Division Manager	Date

Project Management Compliance Review:

This project management plan is completed to Standards as set forth in the Districts Project Control Manual. This plan also meets specific requirements of the Resource Area's which are executing and supporting the project.

_____	_____
Stephan Destin - Project Control	Date
<i>Approved in PS Workflow. Signature is not required</i>	<i>Not Required</i>
Eric Gonzalez - Project Manager Supervisor	Date
<i>Approved in PS Workflow. Signature is not required</i>	<i>Not Required</i>
Mark Munro - Finance Manager	Date



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APPROVALS

PMP REVISION LOG

Revisions to the Project Management Plan are performed per the procedures documented in the Monitoring & Controlling documentation. The project management plan is a living document that will be updated or revised during the life of the project to reflect the current approved plan.

All changes to the project management plan document including those performed in SAP Project System will result in a revision to this Project Management Plan document. An issue/change form & log of all project issues, (changes to the PMP, changes to the SAP PS Working Plan and changes to the SAP PS Target Plan) are maintained in the Monitor & Control section of this manual. No change is to be made to these plans without a corresponding approved issue/change form. A summary of the changes to this Project Management Plan is documented in the table below:

Note:

PMP Rev-0 is reserved for initial approval of the Initiation Project Management Plan. PMP Rev-0 always corresponds to the Issue & Change Management Request Form 0. Future revisions after rev-0 begin with Rev-1. All revisions after Rev-0 could be for any purpose and as such are not pre defined like Rev-0.

PMP REVISION TABLE

PMP Rev No.	Date	PMP Revision Log Description	Project Phase Select Initiation, Planning, Execution, or Closeout	Issue & change Management Request Form Number (Required)
Rev. 000		Approval of The Initiation PMP (SAP Executive Approval)	Initiation	0



PROJECT MANAGEMENT PLAN (PMP) REQUIREMENTS OVERVIEW

RESPONSIBILITIES OVERVIEW

This is an overview of responsibilities. Details are listed in the Districts Project Control Manual. The Project Manager assigned to the Project at the Project Definition Level WBS is responsible for ensuring all elements of the PMP are constructed, and revised according to the Districts Project Control Manual.

Responsibility for Building the PMP

The PMP at the District integrates the classically separated Project Charter, the Project Management Plan, and Periodic Performance Reports. Only this single document needs to be maintained over the life of the project. The PMP requires construction by the Project Manager of the project. The skills required to successfully construct the PMP include completion of District required project management training.

The Charter is incorporated into the sections entitled:

- *Approvals*
- *Executive Summary*
- *Team*

Requirements for Maintaining/Revising the PMP

This document is to be maintained over the projects life, including periodic updates to all components which have changed. Only changes documented through the monitoring & controlling process may be reflected within this plan and in the Revision Log. Updates to the Report Section of this manual do not require the use of monitoring & controlling as this section simply updates performance against the plan and is not a change to the plan.

The PMP must be maintained so that it is always equal to the original approved plan plus all approved changes (refer to Project Control Manual Monitor & Control Section). All issues and required changes to this plan are documented using the Districts Monitoring & Controlling procedure. The associated forms and log section in the Monitoring & Controlling Section of this PMP is to be maintained with this documentation. All changes must be reflected in any corresponding documents as determined by the Monitor & Control procedure including the Districts Decision Package, Annual Work Plan, and or Budget.

Requirements for Maintaining Performance reports In the PMP

The PMP integrates periodic Project Performance Reporting. By integrating plan and performance information the complete project may be reviewed in terms of plan and actual performance within this single document. The reporting section of this PMP contains the standard District Reports and frequency with which they are to be maintained. The reports are to be updated and inserted into this PMP document according to the update frequency.

PMP Construction and Maintenance Support

Your Resource Area Project Control Specialist and or Subject Matter Expert will provide you with support in the use of this document for constructing, maintaining, and reporting your projects overall plan and performance through all project phases



SOUTH FLORIDA WATER MANAGEMENT DISTRICT EXECUTIVE SUMMARY



Part 1. Initiation PMP Executive Approval:

The following items are required to be copied into the Long Text Field at the Project Definition Level in Project System prior to submission for Executive Approval of the high level plan.

PROJECT DESCRIPTION & SCOPE SUMMARY

Define the project. List the scope that is & is not included in the project:

The Everglades Agricultural Area (EAA) A1 Flow Equalization Basin (FEB) is an approximate 15,000 acre shallow storage reservoir at an estimated average water depth of four feet. The project will have external levees and gated water control inflow and outflow structures. The purpose of the FEB is to attenuate high flows and excess run-off from the EAA region then store the water to deliver to STA-2/Compartment B and STA-3/4 prior to discharging into the Everglades Protection Area thereby improving water quality. The project will be separated into two phases to coincide with funding allocation and availability.

In Scope: Phase 1 will commence the conceptual planning process and initiate the design effort and will include the following:

- Initial conceptual plan and basis of design for the FEB and potential future FEB conversion to an STA
- Identity and quantity of the soil material on site
- List of required permits for the project and permit planning
- Canal conveyance capacity analysis and routing analysis for separation of treated and untreated water
- Regional land utilization
- Land use change

Phase 2 will consist of the construction of the FEB including the following features and analysis:

- Seepage canals
- External levees
- Internal FEB features as applicable (wave attenuation, shallow levees/berms)
- Gated inflow and outflow structures
- Earth work

Out of Scope: Regional feasibility study

RISKS

List any risks of interest to the Executive Office:

- Funding
- On-going litigation associated with Judge Gold order (Case No. 04-21448-CIV-Gold)
- Future lawsuits/public inquiries and information requests
- Department of Interior Land Use change request
- Potential resource impacts to other planned projects



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- Long-term plan amendment
- Use of the STA-3/4 pump stations

PROJECT LOCATION

The project will reside at State, County, City, Address, GPS Coord.

The EAA A1 FEB is located in western Palm Beach County, Fl. on land also known as the Talisman site. The project will be west of U.S. HWY 27, north of and adjacent to STA-3/4 and east of the HoleyLand Wildlife Management Tract.

MANDATES/POLITICAL CONSIDERATIONS

List any governmental mandates or political considerations:

- Everglades Forever Act (373.4592 F.S.)
- State Everglades Phosphorus Criteria, 2003 (62-302.540 F.A.C.)

BUDGET/COSTS/SETTLEMENT

Funding – Total All Years & Fiscal Year

Estimate total budget for all years: \$70,000,000 Estimate total budget for current FY :\$3,540,000
 Fund 406000 - \$2,040,000 to commence the conceptual planning effort
 Fund 415000 - \$1,500,000 to complete 30% design

For Initial Studies

If this is an initial study project, what is the estimate of total SFWMD costs that could be incurred if this study is approved and its findings executed? \$_____
What is the estimate of total SFWMD costs for the initial study for the fiscal year? \$_____

Actual Cost Settlement:

The Costs will settle to Resource Area: Everglades Restoration and Capital Projects for planning, design and construction, Operations and Maintenance for operations.

PROJECT SCHEDULE

Insert the estimated start and finish dates: Start Date: 12/10/2010 Finish Date: 12/30/2014.

Part 2. Planning PMP Executive Approval:

The following items are required to be copied and placed in the Long Text Field (Part Two) at the Project Definition level in Project System prior to detailed level plan approval.

RESPONSIBLE FUNCTIONAL AREA

Funding source: B108

ASSETS

Complete the following only with agreement by your Asset Manager:

Will the project result in an asset? Yes. If yes, will the District own the asset? Yes.

Will the project increase the useful life of an existing asset? Yes?

Asset List	
-------------------	--



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

1. Water Quality auto samplers	2. Water control structures
3. Canals	4. Land Improvements
5. Culverts	6. SCADA
7. Roads	

Comments by Resource Area submitting project for approval:

EXECUTIVE SUMMARY

PROJECT GOALS/OBJECTIVES

*State the objectives expected to be achieved by implementing the project. Set **measurable** project goals to be realized and the benefits to be achieved by establishing what it is expected to achieve. State the performance measures to be used to track whether the objectives are being met.*

Goals / Objectives:

- Improved water quality discharging from the STA-2/Comp B and STA-3/4 because they will not be required to perform as flood control storage areas during times of high flow which will reduce the Phosphorus (P) concentrations entering the STA and the P-loading.
- Once constructed and operational, gain operational experience of an FEB and how it operates in conjunction with an STA for optimized STA performance
- Shallow storage within the EAA region
- Assist in addressing STA dryout during the dry season and drought which should mitigate or reduce the dryout effect of increasing P-concentrations in STA outflow upon re-wetting.
- Learn what to expect with sequencing the FEB prior to an STA and apply the experience to other regions to assist STA's in improving treatment capacity and function
- Use the data from monitoring the FEB to verify and improve the Dynamic Model for Stormwater Treatment Areas (DMSTA) model reservoir calibration datasets (FEB performance predictions) which in turn will improve modeling results and to determine the need for additional STA expansion
- Provide operational flexibility for real-time regional water management by balancing flows across STA's and facilitating STA maintenance.

Performance Measures:

- Improvement in hydraulic, frequency and volume of high flow events, and P-loading to the STA's which will improve P concentrations flowing out of the STA's and into the everglades in an effort to meet State water quality standards
- The intent is to reduce the frequency and duration of dryout events in STA 3/4 and STA2/Compartment B from the current modeled levels

PROJECT JUSTIFICATION

Include the business need that the project will address and if applicable, tie it to the District's mission; detail the benefits to the District. Include any historical background or references.



Justification:

One of the District’s most critical missions is addressing water quality entering the Everglades. In an effort to pursue the District’s ongoing commitment to water quality, the A1 Flow Equalization Basin (FEB) project has been identified by executive management to move forward in a public planning process that is in accordance with the ongoing litigation. The project will also provide the greatest benefit to the Districts understanding of designing, constructing and operating an FEB in conjunction with an STA that can be applied throughout the region and assist in determining the acreage required for potential future STA expansion to meet water quality standards.

PROJECT DELIVERABLES

Identify any measurable, tangible, verifiable outcome(s), result(s), or item(s) that must be produced to complete a project or part of a project, including any deliverable(s) subject to approval by the project sponsor or customer.

- Public planning meetings
- Conceptual Plan
- Basis of design report for FEB
- Final Design for FEB
- Construction of the FEB

Identify Annual Work Plan deliverables with WBS & milestone activity ID from Project System

AWP or Other Deliverable	Quarter
	1
Soil Materials inventory report - draft	2
Soil Materials inventory report – final Permitting Process Roles and Responsibilities memorandum Permit Planning Report – draft and final Conceptual plan and design for FEB - draft	3
Conceptual plan design of FEB - final	4



ASSUMPTIONS

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.

Assumptions may correlate to project risks and any assumptions that could be a risk to the project must be included in the risk plan.

1. Funding – receipt of Governing Board approval to move an initial \$2,040,000M from 406 reserves into B108 to commence the planning effort and \$1,500,000 from Fund 415000 to complete basis of design. The ability to use bonding authority to fund construction.
2. Modeling – the use of DMSTA to assist in modeling the size of an FEB and the water quality benefits from an FEB applied to existing STA-2/Compartment B and STA-3/4
3. FEB operations – initial operations of the FEB to capture and store excess flows from the EAA region and deliver to the STA's.
4. Engineering Design – initial design, value engineering, applying lessons learned to future FEB design and operations
5. Use of STA-3/4 inflow pumps

CONSTRAINTS

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

1. Use of the EAA A1 site
2. Permit requirements
3. Land use change
4. Funding availability
5. Planning effort by consultant
6. Consistent with ongoing litigation

RELATED PROJECTS

Identify other projects that may affect or constrain this project or any other projects that may be affected or constrained by this project.

- The A1 site is located north of STA 3/4. The G-372 and G-370 structures are currently supplying water to STA-3/4 and will also be required to supply water to the A1 FEB.
- STA-2/Compartment B operations



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

TEAM

PROJECT MANAGEMENT OVERSIGHT TEAM LISTING & RESPONSIBILITY

The oversight team is not the team which is directly executing the project or responsible for planning, execution, or performance of any of its WBS elements or activities.

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 Management Oversight Team.

Name	Role	Responsibility
Matt Morrison	Division Director	Manage Project Coordination
Temperince Morgan	Department Director	Manage Policy and Coordination
John Dunnuck	Business Services Manager	Manage Financial and Business processes
Jeff Kivett	Engineering Director	Manage Design staff
Mike Hiscock	Construction Deputy Department Director	Manage Construction staff
Tom Teets	Assistant Deputy Executive Director	ERCPC - Executive oversight
Damian Radu	Assistant Deputy Executive Director	O&M - Executive oversight



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PROJECT TEAM LISTING & REQUIREMENTS

The project team is the list of team members, by name, directly supporting the project which is responsible for developing the strategies to deliver the project. The identified resources will be responsible for development and maintenance of all project management plan elements throughout all project phases associated with the work they are supporting for the project. These team members include those that are responsible for any portion of any WBS element or activity.

List the functional managers supporting the project and their estimate of the number of resources required to support the project. The signature page (next page) demonstrates the Resource Area commitment to provide the resources as defined below.

USACE Project: Y or N (check one)

	Required	Optional	FTE FY11
Everglades Restoration and Capital Projects			
1. Jennifer Leeds – Project Manager	X		0.80
2. Engineering Lead – Sara Sciotto	X		1.0
3. Project Coordination	X		0.5
4. Technical Services	X		1.0
5. Engineering	X		0.5
6. Federal and State Policy	X		0.3
7. Permitting	X		0.4
8.	X		
Operations and Maintenance			
1.Design Review	X		0.20
2. Infrastructure	X		0.30
3. Operations	X		0.10
4.			
Regulatory and Public Affairs			
1. Public Affairs Coordination	X		0.40
2.			
3.			
4.			
Corporate Resources			
1. Contract Specialist	X		0.20
2.			
3.			
4.			
Total Resource Requirements			5.7

Transfer this total to the resource requirements summary in the Executive Summary section.



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PROJECT RESOURCE AREA TEAM COMMITMENT & SIGNATURES

The resource area's supporting the project with team members identified in the prior Project Team listing are to sign off on the team listing commitment below.

It is the understanding that the supporting resource area's will actively own their portion of the Project Management Plan and be actively managing their assigned WBS elements from project initiation through closure while meeting the requirements of the project as well as their resource area.

Commitment to Provide Resources by Resource Area (DED, ADED, or BSD)

Everglades Restoration and Capital Projects		
Ken Ammon		
Print	Sign	Date

Operations & Maintenance		
Tommy Stroud		
Print	Sign	Date

Regulatory & Public Affairs		
Deena Reppen		
Print	Sign	Date

Corporate Resources		
Sandra Turnquest		
Print	Sign	Date



SOUTH FLORIDA WATER MANAGEMENT DISTRICT SAP PROJECT SYSTEM ELEMENTS OF THE PMP



The sections (WBS through Plan Value) which follow contain PMP elements which are directly developed within SAP Project System.

These SAP Project System PMP elements are integrated into this document once they are developed in SAP PS to provide a single source of information for the PMP. As with all PMP elements this data must be revised each time an approved monitor/control change revises them.

- WORK BREAKDOWN STRUCTURE
- ORGANIZATIONAL BREAKDOWN STRUCTURE
- WORK DEFINITION
- SCHEDULE
- RESOURCES
- PLANNED VALUE



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

WORK BREAKDOWN STRUCTURE

WORK BREAKDOWN STRUCTURE TABULAR REPORT (BY WBS)

SAP PROJECT SYSTEM REPORT: CN41

VARIANT _____

	Project object	Proj.cst sch000	Act. costs	Start (B)	Finish (B)	Act1.S	Finish(	Work	Act.work	Person
-	EAA A1 FEB	246,782.00 USD	0.00 USD	12/01/2010	12/14/2010			1000.0 HR	0.0 HR	Eric 6
1	EAA A1 FEB	246,782.00 USD	0.00 USD	12/01/2010	12/14/2010			1000.0 HR	0.0 HR	Eric 6
- 2	Initiation	0.00 USD	0.00 USD							Eric 6
▶ 3	Project Identification	0.00 USD	0.00 USD							Eric 6
▶ 3	Risk Assessment	0.00 USD	0.00 USD							Eric 6
▶ 3	Project Charter	0.00 USD	0.00 USD							Eric 6
- 2	Planning	2.00 USD	0.00 USD	12/01/2010	12/14/2010					Eric 6
+ 3	PMP	2.00 USD	0.00 USD	12/01/2010	12/01/2010					Eric 6
▶ 3	Prioritization	0.00 USD	0.00 USD							Eric 6
+ 3	Preliminary Analysis	0.00 USD	0.00 USD	12/14/2010	12/14/2010					Eric 6
- 2	Execution	0.00 USD	0.00 USD	12/01/2010	12/13/2010					Eric 6
▶ 3	Analysis	0.00 USD	0.00 USD							Eric 6
▶ 3	Design	0.00 USD	0.00 USD							Eric 6
▶ 3	Development	0.00 USD	0.00 USD							Eric 6
▶ 3	Test	0.00 USD	0.00 USD							Eric 6
+ 3	Deploy	0.00 USD	0.00 USD	12/01/2010	12/13/2010					Eric 6
+ 3	Direct Purchase	0.00 USD	0.00 USD							Eric 6
- 2	Engineering Design	246,775.00 USD	0.00 USD	12/01/2010	12/01/2010			1000.0 HR	0.0 HR	Eric 6
+ 3	Basis of Design	218,613.00 USD	0.00 USD	12/01/2010	12/01/2010			400.0 HR	0.0 HR	Eric 6
+ 3	Preliminary Design	18,774.00 USD	0.00 USD	12/01/2010	12/01/2010			400.0 HR	0.0 HR	Eric 6
+ 3	Intermediate Design	9,386.00 USD	0.00 USD	12/01/2010	12/01/2010			200.0 HR	0.0 HR	Eric 6
+ 3	Final Design	2.00 USD	0.00 USD	12/01/2010	12/01/2010			0.0 HR	0.0 HR	Eric 6
+ 3	Direct Purchase	0.00 USD	0.00 USD							Eric 6
- 2	Construction	5.00 USD	0.00 USD	12/01/2010	12/01/2010			0.0 HR	0.0 HR	Eric 6
+ 3	Contracts	5.00 USD	0.00 USD	12/01/2010	12/01/2010			0.0 HR	0.0 HR	Eric 6
▶ 3	Commissioning	0.00 USD	0.00 USD							Eric 6
+ 3	Direct Purchase	0.00 USD	0.00 USD							Eric 6
- 2	Closeout	0.00 USD	0.00 USD							Eric 6
▶ 3	Customer Acceptance	0.00 USD	0.00 USD							Eric 6
▶ 3	Procurement Activities	0.00 USD	0.00 USD							Eric 6
▶ 3	Documentation	0.00 USD	0.00 USD							Eric 6
▶ 3	Personnel Actions	0.00 USD	0.00 USD							Eric 6



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ORGANIZATIONAL BREAKDOWN STRUCTURE (OBS)

ORGANIZATIONAL BREAKDOWN STRUCTURE BY OBS (RESPONSIBLE PERSONS & APPLICANTS WITH WBS)

The Organizational Breakdown Structure (OBS) specifies the individuals responsible for all phases of project management for their assigned WBS elements as indicated below in the Applicant field. The Applicant is responsible to the project manager for their assigned WBS elements and all related District standards, procedures and performance..The responsible person is insures Applicants perform their assigned WBS elements to District standards.

SAP PROJECT SYSTEM REPORT: CN43N OBS WITH WBS

VARIANT _____

WBS element	Name	Basic start date	Finish (B)
100706	EAA A1 FEB	12/01/2010	12/14/2010
100706-01	Initiation		
100706-01-01	Project Identification		
100706-01-02	Risk Assessment		
100706-01-03	Project Charter		
100706-02	Planning	12/01/2010	12/14/2010
100706-02-01	PMP	12/01/2010	12/01/2010
100706-02-02	Prioritization		
100706-02-03	Preliminary Analysis	12/14/2010	12/14/2010
100706-03	Execution	12/01/2010	12/13/2010
100706-03-01	Analysis		
100706-03-02	Design		
100706-03-03	Development		
100706-03-04	Test		
100706-03-05	Deploy	12/01/2010	12/13/2010
100706-03-05-01	Name of Local Government/Agency/Di...	12/01/2010	12/13/2010
100706-03-05-02	Name of Local Government/Agency/Di...	12/01/2010	12/13/2010
100706-03-05-03	Name of Local Government/Agency/Di...	12/01/2010	12/13/2010
100706-03-05-04	Name of Local Government/Agency/Di...	12/01/2010	12/13/2010
100706-03-05-05	Name of Local Government/Agency/Di...	12/01/2010	12/13/2010
100706-03-05-06	Name of Local Government/Agency/Di...	12/01/2010	12/13/2010
100706-03-05-07	Name of Local Government/Agency/Di...	12/01/2010	12/13/2010
100706-03-08	Direct Purchase		
100706-03-08-01	Direct Purchase 1		
100706-03-08-02	Direct Purchase 2		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

100706-04	Engineering Design	12/01/2010	12/01/2010
100706-04-01	Basis of Design	12/01/2010	12/01/2010
100706-04-02	Preliminary Design	12/01/2010	12/01/2010
100706-04-03	Intermediate Design	12/01/2010	12/01/2010
100706-04-04	Final Design	12/01/2010	12/01/2010
100706-04-08	Direct Purchase		
100706-04-08-01	Direct Purchase 1		
100706-04-08-02	Direct Purchase 2		
100706-05	Construction	12/01/2010	12/01/2010
100706-05-01	Contracts	12/01/2010	12/01/2010
100706-05-01-01	Engineering During Construction (EDC)	12/01/2010	12/01/2010
100706-05-01-02	Project Management Construction	12/01/2010	12/01/2010
100706-05-01-03	Construction Management	12/01/2010	12/01/2010
100706-05-01-04	Construction Contract 1	12/01/2010	12/01/2010
100706-05-02	Commissioning		
100706-05-08	Direct Purchase		
100706-05-08-01	Direct Purchase 1		
100706-05-08-02	Direct Purchase 2		
100706-06	Closeout		
100706-06-01	Customer Acceptance		
100706-06-02	Procurement Activities		
100706-06-03	Documentation		
100706-06-04	Personnel Actions		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

WORK DEFINITION

WORK DEFINITION DETAILS WITH WBS, SCOPE, AND RESOURCE REQUIREMENTS

SAP PROJECT SYSTEM REPORT: CN41N

VARIANT _____

Project Structure Overview	Identification	Work center	Work Unit...	Proj.cost plan	Duration	Unit/...	Person Respons.
▼ EAA A1 FEB	100706		1,000.0 HR	246,782.00	10.0 HR		Eric Gonzalez
▼ EAA A1 FEB	100706		1,000.0 HR	246,782.00	240.0 HR		Eric Gonzalez
▼ Initiation	100706-01			0.00			Eric Gonzalez
Project Identification	100706-01-01			0.00			Eric Gonzalez
Risk Assessment	100706-01-02			0.00			Eric Gonzalez
Project Charter	100706-01-03			0.00			Eric Gonzalez
▼ Planning	100706-02			2.00	240 DAY		Eric Gonzalez
▼ PMP	100706-02-01			2.00	24 DAY		Eric Gonzalez
▼ Permit Application Fees	5005639			2.00	0 DAY		Leeds, Jennifer
Permit Application fees (EXT	5005639 0010			1.00	0 DAY		
Permit Application fees	5005639 0020			1.00			
Prioritization	100706-02-02			0.00			Eric Gonzalez
▼ Preliminary Analysis	100706-02-03			0.00	24 DAY		Eric Gonzalez
▼ Preliminary Analysis	5005756			0.00	0 DAY		Kukleski, Robert
Conceptual Plan	5005756 0010			0.00	0 DAY		
▼ Execution	100706-03			0.00	216.0 HR		Eric Gonzalez
Analysis	100706-03-01			0.00			Eric Gonzalez
Design	100706-03-02			0.00			Eric Gonzalez
Development	100706-03-03			0.00			Eric Gonzalez
Test	100706-03-04			0.00			Eric Gonzalez
▼ Deploy	100706-03-05			0.00	216.0 HR		Eric Gonzalez
Name of Local Government/Age	100706-03-05-01			0.00	216.0 HR		Eric Gonzalez
Name of Local Government/Age	100706-03-05-02			0.00	216.0 HR		Eric Gonzalez
Name of Local Government/Age	100706-03-05-03			0.00	216.0 HR		Eric Gonzalez
Name of Local Government/Age	100706-03-05-04			0.00	216.0 HR		Eric Gonzalez
Name of Local Government/Age	100706-03-05-05			0.00	216.0 HR		Eric Gonzalez
Name of Local Government/Age	100706-03-05-06			0.00	216.0 HR		Eric Gonzalez



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

WORK DEFINITION DETAILS WITH WBS, SCOPE, AND RESOURCE REQUIREMENTS (CONTINUED)

Project Structure Overview	Identification	Work center	Work Unit ...	Proj.cost plan	Duration	Unit/...	Person Respons.
▼ ⚠ Direct Purchase	100706-03-08			0.00			Eric Gonzalez
⚠ Direct Purchase 1	100706-03-08-01			0.00			Eric Gonzalez
⚠ Direct Purchase 2	100706-03-08-02			0.00			Eric Gonzalez
▼ ⚠ Engineering Design	100706-04		1,000.0 HR	246,775.00	24 DAY		Eric Gonzalez
▼ ⚠ Basis of Design	100706-04-01		400.0 HR	218,613.00	24 DAY		Eric Gonzalez
▼ 🏗 Planning Basis of Design Repo	5005660		400.0 HR	218,612.00	0 DAY		Leeds, Jennifer
▼ 🏗 Project Management Plannii	5005660 0010 EN355		200.0 HR	9,386.00	0 DAY		
🏗 ENGINEER CHIEF	2000 EN355 /... EN355		200.0 HR		0 DAY		
🏗 Project Planning (INT)	5005660 0020			0.00	0 DAY		
▼ 🏗 Technical Review (INT)	5005660 0030 EN345		100.0 HR	4,693.00	0 DAY		
🏗 ENGINEER LEAD	2000 EN345 /... EN345		100.0 HR		0 DAY		
▼ 🏗 ERRA Planning Review	5005660 0040 EN345		100.0 HR	4,693.00	0 DAY		
🏗 ENGINEER LEAD	2000 EN345 /... EN345		100.0 HR		0 DAY		
🏗 O&M Planning Review	5005660 0050			0.00	0 DAY		
🏗 Corporate Resources Plann	5005660 0070			0.00	0 DAY		
🏗 RPA Planning Review	5005660 0080			0.00	0 DAY		
🏗 Intergov Programs Planning	5005660 0090			0.00	0 DAY		
🏗 Tracking BODR	5005660 0100			0.00	0 DAY		
🏗 MS-BODR TRB	5005660 0110			0.00	0 DAY		
🏗 Conceptual Plan	5005660 0120			199,840.00	0 DAY		
▼ 🏗 Project Design (EXT)	5005678			1.00	0 DAY		Leeds, Jennifer
🏗 Project Design (EXT)	5005678 0010			1.00	0 DAY		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project Structure Overview	Identification	Work center	Work Unit ...	Proj.cost plan	Duration	Unit/...	Person Respons.
▼ Preliminary Design	100706-04-02		400.0 HR	18,774.00	24 DAY		Eric Gonzalez
▼ Preliminary Design	5005661		400.0 HR	18,772.00	0 DAY		Leeds, Jennifer
▼ Project Management Prelim	5005661 0010	EN355	200.0 HR	9,386.00	0 DAY		
ENGINEER CHIEF	2000 EN355 /...	EN355	200.0 HR		0 DAY		
Project Design -Prelim(INT)	5005661 0020			0.00	0 DAY		
▼ Technical Review (INT)	5005661 0050	EN345	100.0 HR	4,693.00	0 DAY		
ENGINEER LEAD	2000 EN345 /...	EN345	100.0 HR		0 DAY		
▼ ERRA Prelim Review	5005661 0060	EN345	100.0 HR	4,693.00	0 DAY		
ENGINEER LEAD	2000 EN345 /...	EN345	100.0 HR		0 DAY		
O&M Prelim Review	5005661 0070			0.00	0 DAY		
Corporate Resources Prelim	5005661 0090			0.00	0 DAY		
RPA Prelim Review	5005661 0100			0.00	0 DAY		
Intergov Programs Prelim R	5005661 0110			0.00	0 DAY		
MS-Preliminary Design TRB	5005661 0120			0.00	0 DAY		
Tracking Prelim Design	5005661 0130			0.00	0 DAY		
▼ Survey	5005662			1.00	0 DAY		Leeds, Jennifer
Survey (EXT)	5005662 0010			1.00	0 DAY		
▼ Geotech	5005663			1.00	0 DAY		Leeds, Jennifer
Geotech (EXT)	5005663 0010			1.00	0 DAY		
▼ Intermediate Design	100706-04-03		200.0 HR	9,386.00	24 DAY		Eric Gonzalez
▼ Intermediate Design	5005664		200.0 HR	9,386.00	0 DAY		Leeds, Jennifer
▼ Project Management Intern	5005664 0010	EN345	200.0 HR	9,386.00	0 DAY		
ENGINEER LEAD	2000 EN345 /...	EN345	200.0 HR		0 DAY		
Project Design -Intermediat	5005664 0020			0.00	0 DAY		
Technical Review (INT)	5005664 0040			0.00	0 DAY		
ERRA Intermediate Review	5005664 0050			0.00	0 DAY		
O&M IntermediateReview	5005664 0060			0.00	0 DAY		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project Structure Overview	Identification	Work center	Work	Unit ...	Proj.cost plan	Duration	Unit/...	Person Respons.
Corporate Resources Intern	5005664	0080			0.00	0 DAY		
RPA Intermediate Review	5005664	0090			0.00	0 DAY		
Intergov Programs Intermed	5005664	0100			0.00	0 DAY		
MS-Intermediate Design TR	5005664	0110			0.00	0 DAY		
Tracking Intermediate Desig	5005664	0120			0.00	0 DAY		
▼ ⚠ Final Design	100706-04-04				2.00	24 DAY		Eric Gonzalez
▼ 📅 Pre-Final Design	5005665				1.00	0 DAY		Leeds, Jennifer
Project Management Pre-Fir	5005665	0010			0.00	0 DAY		
Project Management Pre-Fir	5005665	0020			1.00	0 DAY		
Project Design -Pre-Final (It	5005665	0030			0.00	0 DAY		
Technical Review (INT)	5005665	0050			0.00	0 DAY		
ERRA Pre-Final Review	5005665	0060			0.00	0 DAY		
O&M Pre-Final Review	5005665	0070			0.00	0 DAY		
Corporate Resources Pre-F	5005665	0090			0.00	0 DAY		
GPA Pre-Final Review	5005665	0100			0.00	0 DAY		
Intergov Programs Pre-Final	5005665	0110			0.00	0 DAY		
MS-Pre-Final Design TRB	5005665	0130			0.00	0 DAY		
MS-Permits Complete	5005665	0140			0.00	0 DAY		
Tracking Pre-Final Design	5005665	0150			0.00	0 DAY		
MS-Specs. Asset List Rev.	5005665	0160			0.00	0 DAY		
▼ 📅 Technical Review Pre-Final	5005679				1.00	0 DAY		Leeds, Jennifer
Technical Review Pre-Final	5005679	0010			1.00	0 DAY		
▼ ⚠ Direct Purchase	100706-04-08				0.00			Eric Gonzalez
⚠ Direct Purchase 1	100706-04-08-01				0.00			Eric Gonzalez
⚠ Direct Purchase 2	100706-04-08-02				0.00			Eric Gonzalez



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project Structure Overview	Identification	Work center	Work	Unit ...	Proj.cost plan	Duration	Unit/...	Person Respons.
▼ ▲ Construction	100706-05				5.00	24 DAY		Eric Gonzalez
▼ ▲ Contracts	100706-05-01				5.00	24 DAY		Eric Gonzalez
▼ ▲ Engineering During Constructio	100706-05-01-01				2.00	24 DAY		Eric Gonzalez
▼ 📁 Engineering During Constr	5005666				1.00	0 DAY		Leeds, Jennifer
🟢 Internal Design Work (IN	5005666 0010				0.00	0 DAY		
🟢 External Design Work (E	5005666 0020				1.00	0 DAY		
🟢 Internal Technical Revie	5005666 0030				0.00	0 DAY		
🟢 Tracking Activity	5005666 0050				0.00	0 DAY		
▼ 📁 External Technical Review (	5005667				1.00	0 DAY		Leeds, Jennifer
🟢 External Technical Revit	5005667 0010				1.00	0 DAY		
▼ ▲ Project Management Constructi	100706-05-01-02				1.00	24 DAY		Eric Gonzalez
▼ 📁 Project Management Constr	5005668				1.00	0 DAY		Leeds, Jennifer
🟢 Project Management Co	5005668 0010				0.00	0 DAY		
🟢 Project Management Co	5005668 0020				1.00	0 DAY		
▼ ▲ Construction Management	100706-05-01-03				1.00	24 DAY		Eric Gonzalez
▼ 📁 Construction Management	5005669				1.00	0 DAY		Leeds, Jennifer
🟢 Construction Manageme	5005669 0010				0.00	0 DAY		
🟢 Construction Manageme	5005669 0020				1.00	0 DAY		
🟢 MS-Notice to Proceed	5005669 0040				0.00	0 DAY		
🟢 MS-Substantial Complet	5005669 0050				0.00	0 DAY		
🟢 MS-Final Completion	5005669 0060				0.00	0 DAY		
🟢 Tracking Activity	5005669 0070				0.00	0 DAY		
▼ ▲ Construction Contract 1	100706-05-01-04				1.00	24 DAY		Eric Gonzalez
▼ 📁 Construction Contract	5005670				1.00	0 DAY		Leeds, Jennifer
🟢 Construction Contract	5005670 0010				1.00	0 DAY		
▲ Commissioning	100706-05-02				0.00			Eric Gonzalez
▼ ▲ Direct Purchase	100706-05-08				0.00			Eric Gonzalez
▲ Direct Purchase 1	100706-05-08-01				0.00			Eric Gonzalez
▲ Direct Purchase 2	100706-05-08-02				0.00			Eric Gonzalez
▼ ▲ Closeout	100706-06				0.00			Eric Gonzalez
▲ Customer Acceptance	100706-06-01				0.00			Eric Gonzalez
▲ Procurement Activities	100706-06-02				0.00			Eric Gonzalez
▲ Documentation	100706-06-03				0.00			Eric Gonzalez
▲ Personnel Actions	100706-06-04				0.00			Eric Gonzalez



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

CAPITOL WBS ELEMENTS

CAPITOL WBS ELEMENTS (BY WBS)

The District utilizes a standard Work Breakdown Structure. Identify all WBS elements that will result in one or more assets created by the project. The sum of these WBS elements must make up the assets identified in the Executive Section of this manual.

SAP PROJECT SYSTEM REPORT: CN41

VARIANT _____



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

WBS element	Name	AA elem.	InvestProfile
100706	EAA A1 FEB		
100706-01	Initiation		
100706-01-01	Project Identification		
100706-01-02	Risk Assessment		
100706-01-03	Project Charter		
100706-02	Planning		
100706-02-01	PMP	X	
100706-02-02	Prioritization		
100706-02-03	Preliminary Analysis	X	
100706-03	Execution		
100706-03-01	Analysis		
100706-03-02	Design		
100706-03-03	Development		
100706-03-04	Test		
100706-03-05	Deploy		
100706-03-05-01	Name of Local Government/Agency/District	X	
100706-03-05-02	Name of Local Government/Agency/District	X	
100706-03-05-03	Name of Local Government/Agency/District	X	
100706-03-05-04	Name of Local Government/Agency/District	X	
100706-03-05-05	Name of Local Government/Agency/District	X	
100706-03-05-06	Name of Local Government/Agency/District	X	
100706-03-05-07	Name of Local Government/Agency/District	X	
100706-03-08	Direct Purchase		
100706-03-08-01	Direct Purchase 1		ZPS01
100706-03-08-02	Direct Purchase 2		ZPS01
100706-04	Engineering Design		
100706-04-01	Basis of Design	X	ZPS01



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

100706-04-02	Preliminary Design	X	ZPS01
100706-04-03	Intermediate Design	X	ZPS01
100706-04-04	Final Design	X	ZPS01
100706-04-08	Direct Purchase		
100706-04-08-01	Direct Purchase 1		ZPS01
100706-04-08-02	Direct Purchase 2		ZPS01
100706-05	Construction		
100706-05-01	Contracts		
100706-05-01-01	Engineering During Construction (EDC)	X	ZPS01
100706-05-01-02	Project Management Construction	X	ZPS01
100706-05-01-03	Construction Management	X	ZPS01
100706-05-01-04	Construction Contract 1	X	ZPS01
100706-05-02	Commissioning		
100706-05-08	Direct Purchase		
100706-05-08-01	Direct Purchase 1		ZPS01
100706-05-08-02	Direct Purchase 2		ZPS01
100706-06	Closeout		
100706-06-01	Customer Acceptance		
100706-06-02	Procurement Activities		
100706-06-03	Documentation		
100706-06-04	Personnel Actions		



SCHEDULE

PROJECT SCHEDULE DEVELOPMENT AND RESOURCE REQUIREMENTS

The project schedule represents the sequence of work as shown by the logic connecting each activity. The schedule accurately reflects the planned start and finish dates for all activities as well as the timing and value of expenditures.

All activities are planned below the lowest level of the business standard WBS structure and all activities are at the lowest level of the WBS which has been established for the project. This is the required level for all projects to manage scope, schedule, planned cost, actual cost, physical progress, performance, forecasts and estimates.

SCHEDULE REPORTS & PURPOSE

1-2 EXECUTIVE LEVEL OVERVIEWS

3 FULL DETAIL SCHEDULE FOR USE BY THE PROJECT TEAM IN MANAGING SCHEDULE DETAILS

4 CRITICAL PATH – LIST OF ITEMS THAT WILL DELAY PROJECT IF NOT PERFORMED ON TIME.

5 MILESTONES MUST INCLUDE MILESTONES CORRESPONDING TO QUARTERLY ANNUAL WORK PLAN COMMITMENT ITEMS

6 ALL ACTIVITIES MUST INCLUDE ONE OR MORE PREDECESSORS AND SUCCESSORS EXCEPT FOR THE FIRST AND LAST

Include the following reports by replacing the sample reports which follow with the reports for your project

- | | |
|---|--------------------------------|
| 1. Schedule Gantt Chart Level 2 (by WBS & ES) | Transaction CJ20N Variant_____ |
| 2. Schedule Gantt Chart Level 3 (by WBS & ES) | Transaction CJ20N Variant_____ |
| 3. Schedule Gantt Chart All Levels (by WBS & ES with critical path) | Transaction CJ20N Variant_____ |
| 4. Schedule Gantt Chart Critical Path Only (by WBS & ES) | Transaction CJ20N Variant_____ |
| 5. Schedule Milestone (by WBS) | Transaction CJ20N Variant_____ |
| 6. Schedule Predecessor & Successor Report | Transaction CN49N Variant_____ |



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE GANTT CHART LEVEL 2 (BY WBS & ES)

SAP PROJECT SYSTEM REPORT: CJ20N

VARIANT _____



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	Earl. sta	L. finis	Act. sta	Act.fini	2011					
								December	January	February	March	April	
			Earl sched start-E:00:00:0000										
			Earl sched finish-E:00:00:0000										
			Actual start date:00:00:0000										
			Actual finish date:00:00:0000										
<input type="checkbox"/>		100706-01	Initiation										
<input type="checkbox"/>		100706-01-01	Project Identification										
<input type="checkbox"/>		100706-01-02	Risk Assessment										
<input type="checkbox"/>		100706-01-03	Project Charter										
<input type="checkbox"/>		100706-02-01-01	Project Management										
<input type="checkbox"/>		100706-02-01-02	PED (Initial) PMP										
<input type="checkbox"/>		100706-02-05-01-01	Water Reservation										
<input type="checkbox"/>		100706-02-06-01-01	Project Management										
<input type="checkbox"/>		100706-02-06-01-02	Plan Formulation										
<input type="checkbox"/>		100706-02-06-01-03	Engineering and Design Appendix										
<input type="checkbox"/>		100706-02-06-01-04	Field Investigation, Installation										
<input type="checkbox"/>		100706-02-06-01-05	Pilot Project Monitoring Report										
<input type="checkbox"/>		100706-02-06-01-06	Real Estate Appendix										
<input type="checkbox"/>		100706-02-06-01-08	PPDR Approval										
<input type="checkbox"/>		100706-02-06-01-10	Technical Data Report-TDR										
<input type="checkbox"/>		100706-02-06-01-11	PPDR Close-out										
<input type="checkbox"/>		100706-03-01	Analysis										
<input type="checkbox"/>		100706-03-02	Design										
<input type="checkbox"/>		100706-03-03	Development										
<input type="checkbox"/>		100706-03-04	Test										
<input type="checkbox"/>		100706-03-08	Direct Purchase										
<input type="checkbox"/>		100706-03-08-01	Direct Purchase 1										



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

<input type="checkbox"/>	100706-03-03-02	Direct Purchase 2				
<input type="checkbox"/>	100706-04-03	Direct Purchase				
<input type="checkbox"/>	100706-04-03-01	Direct Purchase 1				
<input type="checkbox"/>	100706-04-03-02	Direct Purchase 2				
<input type="checkbox"/>	100706-05-02	Commissioning				
<input type="checkbox"/>	100706-05-03	Direct Purchase				
<input type="checkbox"/>	100706-05-03-01	Direct Purchase 1				
<input type="checkbox"/>	100706-05-03-02	Direct Purchase 2				
<input type="checkbox"/>	100706-06	Close out				
<input type="checkbox"/>	100706-06-01	Project Close Out				
<input type="checkbox"/>	100706-06-01-01	Procurement Activities				
<input type="checkbox"/>	100706-06-01-02	Documentation				
<input type="checkbox"/>	100706-06-01-02-01	Fiscal Closure				
<input type="checkbox"/>	100706-06-01-02-02	Remaining Transfer Documentati				
<input type="checkbox"/>	100706-06-01-02-03	Audits				
<input type="checkbox"/>	100706-06-01-03	Personnel Actions				
<input type="checkbox"/>	100706-06-02	Operations and Maintenance				
<input type="checkbox"/>	100706-06-02-01	Project Management				
<input type="checkbox"/>	100706-06-02-02	Post Construction Monitoring				
		Estimated start -E: 12/01/2010				
		Estimated finish -E: 12/01/2010				
		Actual start date :00/00/0000				
		Actual finish date :00/00/0000				
<input type="checkbox"/>	S005639 / 0010	Permit Application Fees (EXT)	12/01/20	12/01/20		
<input type="checkbox"/>	S005639 / 0020	Permit Application Fees	12/01/20	12/01/20		
<input type="checkbox"/>	S006021 / 0010	MS-PPDR/TRB	12/01/20	12/01/20		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

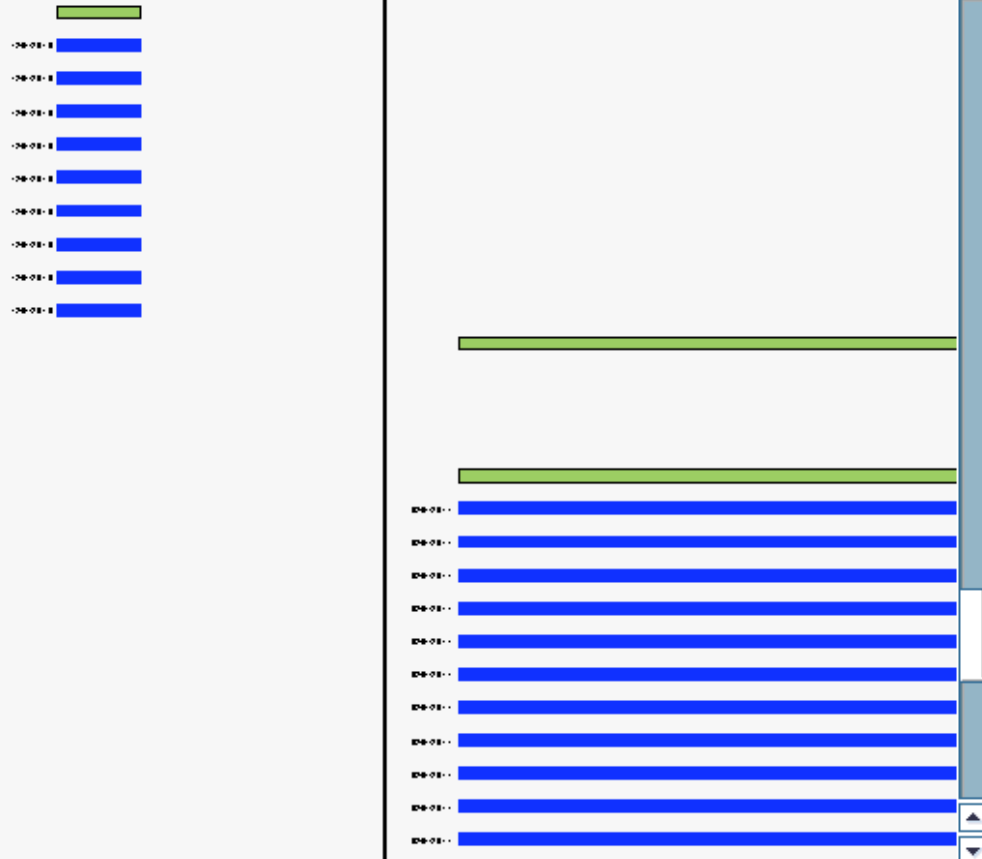
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<input type="checkbox"/>	100706-02-05-01-05	Project Monitoring Plan	12/01/20	12/01/20		
<input type="checkbox"/>	100706-02-05-01-11	PIR Approval	12/01/20	12/01/20		
<input type="checkbox"/>	100706-02-06-01	Pilot Project Design Report	12/01/20	12/01/20		
<input type="checkbox"/>	100706-02-06-01-07	Env. Evaluation Appendix	12/01/20	12/01/20		
<input type="checkbox"/>	100706-02-06-01-08	PPDR Authorization	12/01/20	12/01/20		
<input type="checkbox"/>	100706-04	Engineering Design	12/01/20	12/01/20		
<input type="checkbox"/>	100706-04-01	Project Management	12/01/20	12/01/20		
<input type="checkbox"/>	100706-04-02	Preliminary Design	12/01/20	12/01/20		
<input type="checkbox"/>	100706-04-03	Intermediate Design	12/01/20	12/01/20		
<input type="checkbox"/>	100706-04-04	Final Design	12/01/20	12/01/20		
<input type="checkbox"/>	100706-05	Construction	12/01/20	12/01/20		
<input type="checkbox"/>	100706-05-01	Project Management	12/01/20	12/01/20		
<input type="checkbox"/>	100706-05-01-01	Engineering During Construction (	12/01/20	12/01/20		
<input type="checkbox"/>	100706-05-01-02	Project Management Construction	12/01/20	12/01/20		
<input type="checkbox"/>	100706-05-01-03	Construction Management	12/01/20	12/01/20		
<input type="checkbox"/>	100706-05-01-04	Construction Contract 1	12/01/20	12/01/20		
		Earliest start -E:12/14/2010				
		Earliest finish -E:12/14/2010				
		Actual start date:00/00/0000				
		Actual finish date:00/00/0000				
<input type="checkbox"/>	100706-02-03	Prioritization	12/14/20	12/14/20		
		Duration: 216.0				
		Earliest start -E:00/00/0000				
		Earliest finish -E:00/00/0000				
		Actual start date:00/00/0000				





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

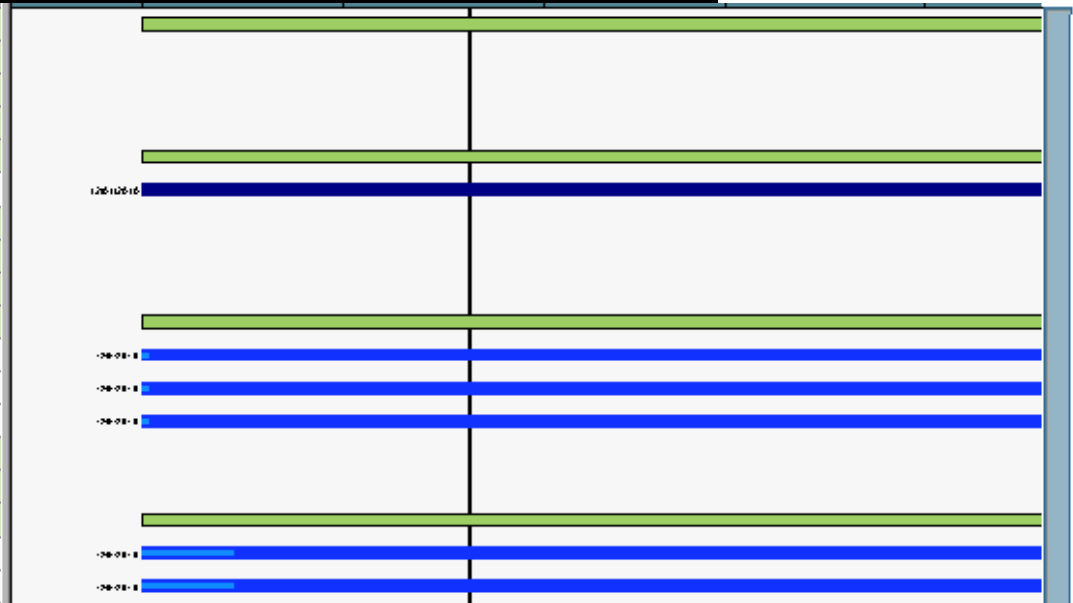
		Actual finish date:00/00/0000				
<input type="checkbox"/>	100706-03	Execution	12/01/20	12/15/20		
<input type="checkbox"/>	100706-03-05	Deploy	12/01/20	12/15/20		
<input type="checkbox"/>	100706-03-05-01	Name of Local Government/Agenc	12/01/20	12/15/20		
<input type="checkbox"/>	100706-03-05-02	Name of Local Government/Agenc	12/01/20	12/15/20		
<input type="checkbox"/>	100706-03-05-03	Name of Local Government/Agenc	12/01/20	12/15/20		
<input type="checkbox"/>	100706-03-05-04	Name of Local Government/Agenc	12/01/20	12/15/20		
<input type="checkbox"/>	100706-03-05-05	Name of Local Government/Agenc	12/01/20	12/15/20		
<input type="checkbox"/>	100706-03-05-06	Name of Local Government/Agenc	12/01/20	12/15/20		
<input type="checkbox"/>	100706-03-05-07	Name of Local Government/Agenc	12/01/20	12/15/20		
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		Earl sched start -E:00/00/0000				
		Earl sched finish -E:00/00/0000				
		Actual start date:00/00/0000				
		Actual finish date:00/00/0000				
<input type="checkbox"/>	100706-02-01-03	PED PMP Revision	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-01-04	Construction PMP Revision	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-01-05	PMP Maintenance	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-05-01-02	Project Partnering Agreement	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-05-01-03	Project Management	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-05-01-04	Plan Formulation	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-05-01-05	Env. Evaluation Appendix	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-05-01-06	Socio. Econ. Appendix	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-05-01-07	Engineering and Design Appendix	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-05-01-08	Real Estate Appendix	02/01/20	01/30/20		
<input type="checkbox"/>	100706-02-05-01-10	Project RECOVER Task	02/01/20	01/30/20		





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

		Duration:7,000.0			
		Earl ighed start -E:00/00/0000			
		Earl ighed finish-E:00/00/0000			
		Actual start date:00/00/0000			
		Actual finish date:00/00/0000			
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		Earl ighed start -E:12/01/2010			
		Earl ighed finish-E:12/01/2010			
		Actual start date:00/00/0000			
		Actual finish date:00/00/0000			
<input type="checkbox"/>	100706-02-01	P M P	12/01/20	01/30/20	
<input type="checkbox"/>	100706-02-05	Preliminary Analysis	12/01/20	01/30/20	
<input type="checkbox"/>	100706-02-05-01	Project Implementation Report	12/01/20	01/30/20	
		Earl ighed finish-E:12/14/2010			
		Actual start date:00/00/0000			
		Actual finish date:00/00/0000			
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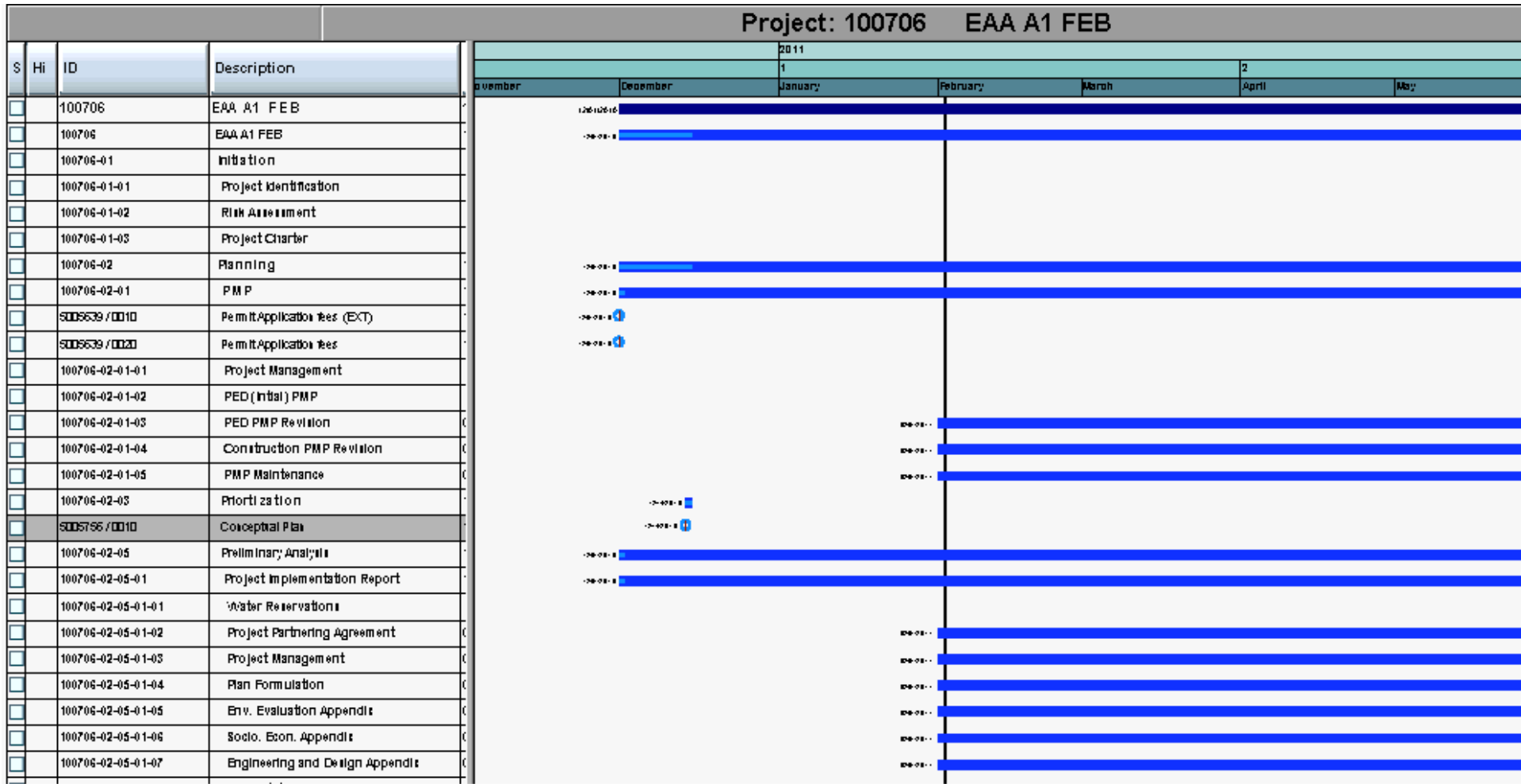


SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE GANTT CHART LEVEL 3 (BY WBS & ES)

SAP PROJECT SYSTEM REPORT: CJ20N

VARIANT _____ DATE: _____





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011				
				November	December	January	February	March
<input type="checkbox"/>		100706-02-05-01-08	Real Estate Appendix					
<input type="checkbox"/>		100706-02-05-01-09	Project Monitoring Plan					
<input type="checkbox"/>		100706-02-05-01-10	Project RECOVER Task					
<input type="checkbox"/>		100706-02-05-01-11	PIR Approval					
<input type="checkbox"/>		100706-02-05-01-12	Project Authorization					
<input type="checkbox"/>		100706-02-05-01-13	PIR Close-out					
<input type="checkbox"/>		100706-02-06-01	Pilot Project Design Report					
<input type="checkbox"/>		100706-02-06-01-01	Project Management					
<input type="checkbox"/>		100706-02-06-01-02	Plan Formulation					
<input type="checkbox"/>		100706-02-06-01-03	Engineering and Design Appendix					
<input type="checkbox"/>		100706-02-06-01-04	Field Investigation, Installation					
<input type="checkbox"/>		100706-02-06-01-05	Pilot Project Monitoring Report					
<input type="checkbox"/>		100706-02-06-01-06	Real Estate Appendix					
<input type="checkbox"/>		100706-02-06-01-07	Env. Evaluation Appendix					
<input type="checkbox"/>		S006021 / 0010	MS-PPDR/TRB					
<input type="checkbox"/>		100706-02-06-01-08	PPDR Approval					
<input type="checkbox"/>		100706-02-06-01-09	PPDR Authorization					
<input type="checkbox"/>		S006020 / 0010	MS-TDR/TRB					
<input type="checkbox"/>		100706-02-06-01-10	Technical Data Report-TDR					
<input type="checkbox"/>		100706-02-06-01-11	PPDR Close-out					
<input type="checkbox"/>		100706-03	Execution					
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<input type="checkbox"/>		100706-03-02	Design					
<input type="checkbox"/>		100706-03-03	Development					
<input type="checkbox"/>		100706-03-04	Test					
<input type="checkbox"/>		100706-03-05	Deploy					



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011						
				1		2				
				November	December	January	February	March	April	May
<input type="checkbox"/>		100706-03-05-01	Name of Local Government/Agenc		■■■■■					
<input type="checkbox"/>		100706-03-05-02	Name of Local Government/Agenc		■■■■■					
<input type="checkbox"/>		100706-03-05-03	Name of Local Government/Agenc		■■■■■					
<input type="checkbox"/>		100706-03-05-04	Name of Local Government/Agenc		■■■■■					
<input type="checkbox"/>		100706-03-05-05	Name of Local Government/Agenc		■■■■■					
<input type="checkbox"/>		100706-03-05-06	Name of Local Government/Agenc		■■■■■					
<input type="checkbox"/>		100706-03-05-07	Name of Local Government/Agenc		■■■■■					
<input type="checkbox"/>		100706-03-08	Direct Purchase							
<input type="checkbox"/>		100706-03-08-01	Direct Purchase 1							
<input type="checkbox"/>		100706-03-08-02	Direct Purchase 2							
<input type="checkbox"/>		100706-04	Engineering Design		■					
<input type="checkbox"/>		100706-04-01	Project Management		■					
<input type="checkbox"/>		S005660 / 0010	Project Management Planning (INT)		■					
<input type="checkbox"/>		S005660 / 0020	Project Planning (INT)		■					
<input type="checkbox"/>		S005660 / 0030	Technical Review (INT)		■					
<input type="checkbox"/>		S005660 / 0040	ERRA Planning Review		■					
<input type="checkbox"/>		S005660 / 0050	O&M Planning Review		■					
<input type="checkbox"/>		S005660 / 0070	Corporate Resources Planning Reul		■					
<input type="checkbox"/>		S005660 / 0080	RPA Planning Review		■					
<input type="checkbox"/>		S005660 / 0090	Intergou Programs Planning Review		■					
<input type="checkbox"/>		S005660 / 0100	Tracking BODR		■					
<input type="checkbox"/>		S005660 / 0110	MS-BODR TRB		■					
<input type="checkbox"/>		S005660 / 0120	Conceptual Plan		■					
<input type="checkbox"/>		S005678 / 0010	Project Design (EXT)		■					
<input type="checkbox"/>		100706-04-02	Preliminary Design		■					
<input type="checkbox"/>		S005661 / 0010	Project Management Prelim (INT)		■					



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011						
				1		2				
				November	December	January	February	March	April	May
<input type="checkbox"/>		S005661/0020	Project Design - Prelim (INT)	..00..	01					
<input type="checkbox"/>		S005661/0050	Technical Review (INT)	..00..	01					
<input type="checkbox"/>		S005661/0060	ERRA Prelim Review	..00..	01					
<input type="checkbox"/>		S005661/0070	O&M Prelim Review	..00..	01					
<input type="checkbox"/>		S005661/0090	Corporate Resources Prelim Review	..00..	01					
<input type="checkbox"/>		S005661/0100	RPA Prelim Review	..00..	01					
<input type="checkbox"/>		S005661/0110	Intergou Programs Prelim Review	..00..	01					
<input type="checkbox"/>		S005661/0120	MS-Preliminary Design TRB	..00..	01					
<input type="checkbox"/>		S005661/0130	Tracking Prelim Design	..00..	01					
<input type="checkbox"/>		S005662/0010	Survey (EXT)	..00..	01					
<input type="checkbox"/>		S005663/0010	Geotech (EXT)	..00..	01					
<input type="checkbox"/>		100706-04-03	Intermediate Design	..00..	01					
<input type="checkbox"/>		S005664/0010	Project Management Intermediate (I)	..00..	01					
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<input type="checkbox"/>		S005664/0090	RPA Intermediate Review	..00..	01					
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<input type="checkbox"/>		S005664/0110	MS-Intermediate Design TRB	..00..	01					
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<input type="checkbox"/>		S005665/0010	Project Management Pre-Final (INT)	..00..	01					
<input type="checkbox"/>		S005665/0020	Project Management Pre-Final (EX	..00..	01					
<input type="checkbox"/>		S005665/0030	Project Design - Pre-Final (INT)	..00..	01					



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011																		
				1											2							
				December	January	February	March	April	May	June	July	August	September	October	November							
<input type="checkbox"/>		S005665 / 0050	Technical Review (INT)	->00-01																		
<input type="checkbox"/>		S005665 / 0060	ERRA Pre-Final Review	->00-01																		
<input type="checkbox"/>		S005665 / 0070	O&M Pre-Final Review	->00-01																		
<input type="checkbox"/>		S005665 / 0080	Corporate Resources Pre-Final Reul	->00-01																		
<input type="checkbox"/>		S005665 / 0100	GPA Pre-Final Review	->00-01																		
<input type="checkbox"/>		S005665 / 0110	Intergov Programs Pre-Final Review	->00-01																		
<input type="checkbox"/>		S005665 / 0130	MS-Pre-Final Design TRB	->00-01																		
<input type="checkbox"/>		S005665 / 0140	MS-Permits Complete	->00-01																		
<input type="checkbox"/>		S005665 / 0150	Tracking Pre-Final Design	->00-01																		
<input type="checkbox"/>		S005665 / 0160	MS-Specs Asset List Rev.	->00-01																		
<input type="checkbox"/>		S005679 / 0010	Technical Review Pre-Final (EXT)	->00-01																		
<input type="checkbox"/>		100706-04-08	Direct Purchase																			
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<input type="checkbox"/>		100706-05	Construction	->00-01																		
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<input type="checkbox"/>		100706-05-01-03	Construction Management	->00-01																		



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011												
				1		2		3		4		5		6		
				October	November	December	January	February	March	April	May	June	July	August	September	
<input type="checkbox"/>		S005669 / 0010	Construction Management (INT)													
<input type="checkbox"/>		S005669 / 0020	Construction Management (EXT)													
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<input type="checkbox"/>		S005669 / 0050	MS-Substantial Completion													
<input type="checkbox"/>		S005669 / 0060	MS-Final Completion													
<input type="checkbox"/>		S005669 / 0070	Tracking Activity													
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<input type="checkbox"/>		100706-05-03	Direct Purchase													
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<input type="checkbox"/>		100706-06	Close out													
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<input type="checkbox"/>		100706-06-01-01	Procurement Activities													
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<input type="checkbox"/>		100706-06-01-02-01	Fiscal Closure													
<input type="checkbox"/>		100706-06-01-02-02	Remaining Transfer Documentati													
<input type="checkbox"/>		100706-06-01-02-03	Audits													
<input type="checkbox"/>		100706-06-01-03	Personnel Actions													
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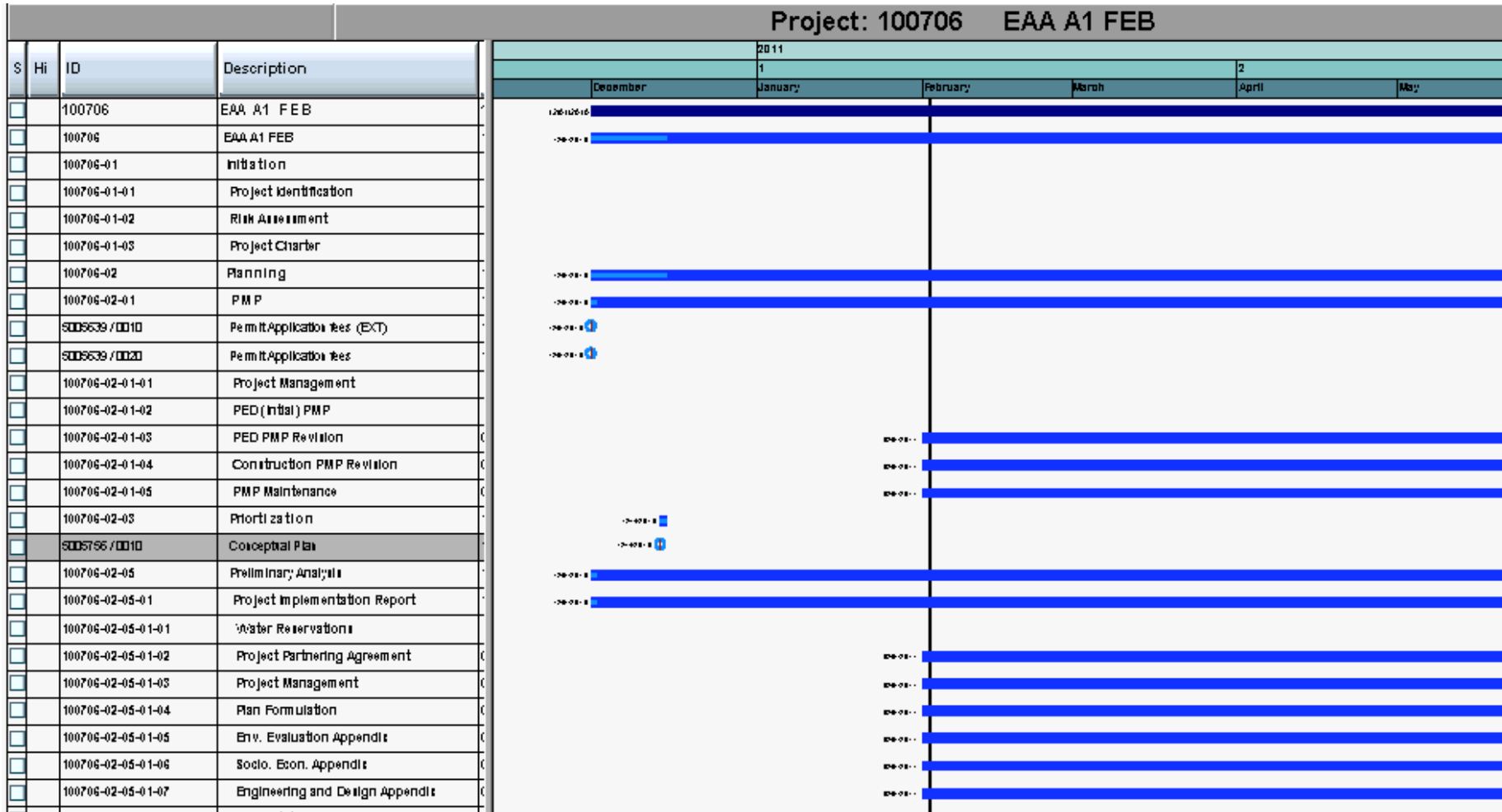


SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE TIME SCALED LOGIC DIAGRAM ALL LEVELS (BY WBS & ES WITH CRITICAL PATH)

SAP PROJECT SYSTEM REPORT: CJ20N

VARIANT _____





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011							
				1		2					
				December	January	February	March	April	May	June	
<input type="checkbox"/>		100706-02-05-01-08	Real Estate Appendix								
<input type="checkbox"/>		100706-02-05-01-09	Project Monitoring Plan								
<input type="checkbox"/>		100706-02-05-01-10	Project RECOVER Task								
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<input type="checkbox"/>		100706-02-05-01-12	Project Authorization								
<input type="checkbox"/>		100706-02-05-01-13	PIR Close-out								
<input type="checkbox"/>		100706-02-06-01	Pilot Project Design Report								
<input type="checkbox"/>		100706-02-06-01-01	Project Management								
<input type="checkbox"/>		100706-02-06-01-02	Plan Formulation								
<input type="checkbox"/>		100706-02-06-01-03	Engineering and Design Appendix								
<input type="checkbox"/>		100706-02-06-01-04	Field Investigation, Installation								
<input type="checkbox"/>		100706-02-06-01-05	Pilot Project Monitoring Report								
<input type="checkbox"/>		100706-02-06-01-06	Real Estate Appendix								
<input type="checkbox"/>		100706-02-06-01-07	Env. Evaluation Appendix								
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<input type="checkbox"/>		100706-02-06-01-08	PPDR Approval								
<input type="checkbox"/>		100706-02-06-01-09	PPDR Authorization								
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<input type="checkbox"/>		100706-03	Execution								
<input type="checkbox"/>		100706-03-01	Analysis								
<input type="checkbox"/>		100706-03-02	Design								
<input type="checkbox"/>		100706-03-03	Development								
<input type="checkbox"/>		100706-03-04	Test								
<input type="checkbox"/>		100706-03-05	Deploy								



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

				2011						
S	Hi	ID	Description	1	2					
				December	January	February	March	April	May	June
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<input type="checkbox"/>		S005660/0010	Project Management Planning (INT)	-20-03-11						
<input type="checkbox"/>		S005660/0020	Project Planning (INT)	-20-03-11						
<input type="checkbox"/>		S005660/0030	Technical Review (INT)	-20-03-11						
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<input type="checkbox"/>		S005660/0050	O&M Planning Review	-20-03-11						
<input type="checkbox"/>		S005660/0070	Corporate Resources Planning Reul	-20-03-11						
<input type="checkbox"/>		S005660/0080	RPA Planning Review	-20-03-11						
<input type="checkbox"/>		S005660/0090	Intergou Programs Planning Review	-20-03-11						
<input type="checkbox"/>		S005660/0100	Tracking BODR	-20-03-11						
<input type="checkbox"/>		S005660/0110	MS-BODR TRB	-20-03-11						
<input type="checkbox"/>		S005660/0120	Conceptual Plan	-20-03-11						
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<input type="checkbox"/>		100706-04-02	Preliminary Design	-20-03-11						
<input type="checkbox"/>		S005661/0010	Project Management Prelim (INT)	-20-03-11						



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011											
				1											
				December	January	February	March	April	May	June					
<input type="checkbox"/>		S005661/0020	Project Design - Prelim (INT)	..-00-..	01										
<input type="checkbox"/>		S005661/0060	Technical Review (INT)	..-00-..	01										
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<input type="checkbox"/>		S005661/0060	Corporate Resources Prelim Review	..-00-..	01										
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<input type="checkbox"/>		S005661/0130	Tracking Prelim Design	..-00-..	01										
<input type="checkbox"/>		S005662/0010	Stoney (EXT)	..-00-..	01										
<input type="checkbox"/>		S005663/0010	Geotech (EXT)	..-00-..	01										
<input type="checkbox"/>		100706-04-03	Intermediate Design	..-00-..	01										
<input type="checkbox"/>		S005664/0010	Project Management Intermediate (I)	..-00-..	01										
<input type="checkbox"/>		S005664/0020	Project Design - Intermediate (INT)	..-00-..	01										
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<input type="checkbox"/>		S005665/0010	Project Management Pre-Final (INT)	..-00-..	01										
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<input type="checkbox"/>		S005665/0030	Project Design - Pre-Final (INT)	..-00-..	01										



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

		2011																					
S	Hi	ID	Description																				
				1		2																	
				December	January	February	March	April	May	June													
<input type="checkbox"/>		S005665/0050	Technical Review (INT)	..00-01-01																			
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<input type="checkbox"/>		S005665/0130	MS-Pre-Final Design TRB	..00-01-01																			
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<input type="checkbox"/>		S005665/0150	Tracking Pre-Final Design	..00-01-01																			
<input type="checkbox"/>		S005665/0160	MS-Specs, Asset List Rev.	..00-01-01																			
<input type="checkbox"/>		S005679/0010	Technical Review Pre-Final (EXT)	..00-01-01																			
<input type="checkbox"/>		100706-04-08	Direct Purchase																				
<input type="checkbox"/>		100706-04-08-01	Direct Purchase 1																				
<input type="checkbox"/>		100706-04-08-02	Direct Purchase 2																				
<input type="checkbox"/>		100706-05	Construction	..00-01-01																			
<input type="checkbox"/>		100706-05-01	Project Management	..00-01-01																			
<input type="checkbox"/>		100706-05-01-01	Engineering During Construction (	..00-01-01																			
<input type="checkbox"/>		S005665/0010	Internal Design Work (INT)	..00-01-01																			
<input type="checkbox"/>		S005665/0020	External Design Work (EXT)	..00-01-01																			
<input type="checkbox"/>		S005665/0030	Internal Technical Review (INT)	..00-01-01																			
<input type="checkbox"/>		S005665/0050	Tracking Activity	..00-01-01																			
<input type="checkbox"/>		S005667/0010	External Technical Review (EXT)	..00-01-01																			
<input type="checkbox"/>		100706-05-01-02	Project Management Construction	..00-01-01																			
<input type="checkbox"/>		S005668/0010	Project Management Construction (	..00-01-01																			
<input type="checkbox"/>		S005668/0020	Project Management Construction (	..00-01-01																			
<input type="checkbox"/>		100706-05-01-03	Construction Management	..00-01-01																			



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

				2011						
S	Hi	ID	Description	1		2				
				December	January	February	March	April	May	June
<input type="checkbox"/>		S005669 / 0010	Construction Management (INT)	..-06-..						
<input type="checkbox"/>		S005669 / 0020	Construction Management (EXT)	..-06-..						
<input type="checkbox"/>		S005669 / 0040	MS-Notice to Proceed	..-06-..						
<input type="checkbox"/>		S005669 / 0060	MS-Substantial Completion	..-06-..						
<input type="checkbox"/>		S005669 / 0080	MS-Final Completion	..-06-..						
<input type="checkbox"/>		S005669 / 0070	Tracking Activity	..-06-..						
<input type="checkbox"/>		100706-05-01-04	Construction Contract 1	..-06-..						
<input type="checkbox"/>		S005670 / 0010	Construction Contract	..-06-..						
<input type="checkbox"/>		100706-05-02	Commissioning							
<input type="checkbox"/>		100706-05-03	Direct Purchase							
<input type="checkbox"/>		100706-05-03-01	Direct Purchase 1							
<input type="checkbox"/>		100706-05-03-02	Direct Purchase 2							
<input type="checkbox"/>		100706-06	Close out							
<input type="checkbox"/>		100706-06-01	Project Close Out							
<input type="checkbox"/>		100706-06-01-01	Procurement Activities							
<input type="checkbox"/>		100706-06-01-02	Documentation							
<input type="checkbox"/>		100706-06-01-02-01	Fiscal Closure							
<input type="checkbox"/>		100706-06-01-02-02	Remaining Transfer Documents							
<input type="checkbox"/>		100706-06-01-02-03	Audits							
<input type="checkbox"/>		100706-06-01-03	Personnel Actions							
<input type="checkbox"/>		100706-06-02	Operations and Maintenance							
<input type="checkbox"/>		100706-06-02-01	Project Management							
<input type="checkbox"/>		100706-06-02-02	Post Construction Monitoring							



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE TIME SCALED LOGIC DIAGRAM ALL LEVELS (BY WBS & ES WITH CRITICAL PATH)



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011							
				1		2					
				November	December	January	February	March	April	May	
<input type="checkbox"/>		100706	EAA A1 FEB								
<input type="checkbox"/>		S005639 / 0010	Permit Application Fees (EXT)								
<input type="checkbox"/>		S005639 / 0020	Permit Application Fees								
<input type="checkbox"/>		S005756 / 0010	Conceptual Plan								
<input type="checkbox"/>		S005821 / 0010	MS-PPDR/TRB								
<input type="checkbox"/>		S005820 / 0010	MS-TDR/TRB								
<input type="checkbox"/>		S005660 / 0010	Project Management Planning (INT)								
<input type="checkbox"/>		S005660 / 0020	Project Planning (INT)								
<input type="checkbox"/>		S005660 / 0030	Technical Review (INT)								
<input type="checkbox"/>		S005660 / 0040	ERRA Planning Review								
<input type="checkbox"/>		S005660 / 0050	O&M Planning Review								
<input type="checkbox"/>		S005660 / 0070	Corporate Resources Planning Reul								
<input type="checkbox"/>		S005660 / 0080	RPA Planning Review								
<input type="checkbox"/>		S005660 / 0090	Intergou Programs Planning Review								
<input type="checkbox"/>		S005660 / 0100	Tracking BODR								
<input type="checkbox"/>		S005660 / 0110	MS-BODR TRB								
<input type="checkbox"/>		S005660 / 0120	Conceptual Plan								
<input type="checkbox"/>		S005678 / 0010	Project Design (EXT)								
<input type="checkbox"/>		S005661 / 0010	Project Management Prelim (INT)								
<input type="checkbox"/>		S005661 / 0020	Project Design - Prelim (INT)								
<input type="checkbox"/>		S005661 / 0030	Technical Review (INT)								
<input type="checkbox"/>		S005661 / 0050	ERRA Prelim Review								
<input type="checkbox"/>		S005661 / 0070	O&M Prelim Review								
<input type="checkbox"/>		S005661 / 0090	Corporate Resources Prelim Review								
<input type="checkbox"/>		S005661 / 0100	RPA Prelim Review								
<input type="checkbox"/>		S005661 / 0110	Intergou Programs Prelim Review								



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011																
				November	December	January	February	March	April	May	June	July	August	September	October					
<input type="checkbox"/>		S005661/0120	MS-Preliminary Design TRB																	
<input type="checkbox"/>		S005661/0130	Tracking Prelim Design																	
<input type="checkbox"/>		S005662/0010	Survey (EXT)																	
<input type="checkbox"/>		S005663/0010	Geotech (EXT)																	
<input type="checkbox"/>		S005664/0010	Project Management Intermediate (I)																	
<input type="checkbox"/>		S005664/0020	Project Design -Intermediate (INT)																	
<input type="checkbox"/>		S005664/0040	Technical Review (INT)																	
<input type="checkbox"/>		S005664/0060	ERRA Intermediate Review																	
<input type="checkbox"/>		S005664/0080	O&M Intermediate Review																	
<input type="checkbox"/>		S005664/0090	Corporate Resources Intermediate R																	
<input type="checkbox"/>		S005664/0090	RPA Intermediate Review																	
<input type="checkbox"/>		S005664/0100	Intergou Programs Intermediate Reul																	
<input type="checkbox"/>		S005664/0110	MS-Intermediate Design TRB																	
<input type="checkbox"/>		S005664/0120	Tracking Intermediate Design																	
<input type="checkbox"/>		S005665/0010	Project Management Pre-Final (INT)																	
<input type="checkbox"/>		S005665/0020	Project Management Pre-Final (EX																	
<input type="checkbox"/>		S005665/0030	Project Design -Pre-Final (INT)																	
<input type="checkbox"/>		S005665/0050	Technical Review (INT)																	
<input type="checkbox"/>		S005665/0060	ERRA Pre-Final Review																	
<input type="checkbox"/>		S005665/0070	O&M Pre-Final Review																	
<input type="checkbox"/>		S005665/0090	Corporate Resources Pre-Final Reul																	
<input type="checkbox"/>		S005665/0100	GPA Pre-Final Review																	
<input type="checkbox"/>		S005665/0110	Intergou Programs Pre-Final Review																	
<input type="checkbox"/>		S005665/0130	MS-Pre-Final Design TRB																	
<input type="checkbox"/>		S005665/0140	MS-Permits Complete																	
<input type="checkbox"/>		S005665/0150	Tracking Pre-Final Design																	



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011						
				November	December	January	February	March	April	May
<input type="checkbox"/>		S005665 / 0160	MS-Specs . Asset List Rev.							
<input type="checkbox"/>		S005679 / 0010	Technical Review Pre-Final (EXT)							
<input type="checkbox"/>		S005666 / 0010	Internal Design Work (INT)							
<input type="checkbox"/>		S005666 / 0020	External Design Work (EXT)							
<input type="checkbox"/>		S005666 / 0030	Internal Technical Review (INT)							
<input type="checkbox"/>		S005666 / 0050	Tracking Activity							
<input type="checkbox"/>		S005667 / 0010	External Technical Review (EXT)							
<input type="checkbox"/>		S005668 / 0010	Project Management Construction (
<input type="checkbox"/>		S005668 / 0020	Project Management Construction (
<input type="checkbox"/>		S005669 / 0010	Construction Management (INT)							
<input type="checkbox"/>		S005669 / 0020	Construction Management (EXT)							
<input type="checkbox"/>		S005669 / 0040	MS-Notice to Proceed							
<input type="checkbox"/>		S005669 / 0050	MS-Substantial Completion							
<input type="checkbox"/>		S005669 / 0060	MS-Final Completion							
<input type="checkbox"/>		S005669 / 0070	Tracking Activity							
<input type="checkbox"/>		S005670 / 0010	Construction Contract							



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE GANTT CHART CRITICAL PATH ONLY (BY WBS & ES)

SAP PROJECT SYSTEM REPORT: CJ20N

VARIANT _____

				Project: 100706 EAA A1 FEB					
S	Hi	ID	Description	2011					
				November	December	January	February	March	April	May
<input type="checkbox"/>		100706	EAA A1 FEB	100706					
<input type="checkbox"/>		S005639 / 0010	Permit Application Fees (EXT)	-					
<input type="checkbox"/>		S005639 / 0020	Permit Application Fees	-					
<input type="checkbox"/>		S005756 / 0010	Conceptual Plan	-					
<input type="checkbox"/>		S005621 / 0010	MS-PPDR/TRB	-					
<input type="checkbox"/>		S005620 / 0010	MS-TDR/TRB	-					
<input type="checkbox"/>		S005660 / 0010	Project Management Planning (INT)	-					
<input type="checkbox"/>		S005660 / 0020	Project Planning (INT)	-					
<input type="checkbox"/>		S005660 / 0030	Technical Review (INT)	-					
<input type="checkbox"/>		S005660 / 0040	ERRA Planning Review	-					
<input type="checkbox"/>		S005660 / 0050	O&M Planning Review	-					
<input type="checkbox"/>		S005660 / 0070	Corporate Resources Planning Reul	-					
<input type="checkbox"/>		S005660 / 0080	RPA Planning Review	-					
<input type="checkbox"/>		S005660 / 0090	Intergou Programs Planning Review	-					
<input type="checkbox"/>		S005660 / 0100	Tracking BO DR	-					
<input type="checkbox"/>		S005660 / 0110	MS-BO DR TRB	-					
<input type="checkbox"/>		S005660 / 0120	Conceptual Plan	-					
<input type="checkbox"/>		S005678 / 0010	Project Design (EXT)	-					
<input type="checkbox"/>		S005661 / 0010	Project Management Prelim (INT)	-					
<input type="checkbox"/>		S005661 / 0020	Project Design -Prelim (INT)	-					
<input type="checkbox"/>		S005661 / 0050	Technical Review (INT)	-					
<input type="checkbox"/>		S005661 / 0060	ERRA Prelim Review	-					
<input type="checkbox"/>		S005661 / 0070	O&M Prelim Review	-					
<input type="checkbox"/>		S005661 / 0090	Corporate Resources Prelim Review	-					
<input type="checkbox"/>		S005661 / 0100	RPA Prelim Review	-					
<input type="checkbox"/>		S005661 / 0110	Intergou Programs Prelim Review	-					



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

			Project: 100706 EAA A1 FEB														
S	Hi	ID	Description	2011													
				November		December		January		February		March		April		May	
<input type="checkbox"/>		S005661/0120	MS-Preliminary Design TRB														
<input type="checkbox"/>		S005661/0130	Tracking Prelim Design														
<input type="checkbox"/>		S005662/0010	Stoney (EXT)														
<input type="checkbox"/>		S005663/0010	Geotech (EXT)														
<input type="checkbox"/>		S005664/0010	Project Management Intermediate (I)														
<input type="checkbox"/>		S005664/0020	Project Design -Intermediate (INT)														
<input type="checkbox"/>		S005664/0040	Technical Review (INT)														
<input type="checkbox"/>		S005664/0050	ERRA Intermediate Review														
<input type="checkbox"/>		S005664/0060	O&M Intermediate Review														
<input type="checkbox"/>		S005664/0080	Corporate Resources Intermediate R														
<input type="checkbox"/>		S005664/0090	RPA Intermediate Review														
<input type="checkbox"/>		S005664/0100	Intergou Programs Intermediate Reul														
<input type="checkbox"/>		S005664/0110	MS-Intermediate Design TRB														
<input type="checkbox"/>		S005664/0120	Tracking Intermediate Design														
<input type="checkbox"/>		S005665/0010	Project Management Pre-Final (INT)														
<input type="checkbox"/>		S005665/0020	Project Management Pre-Final (EX														
<input type="checkbox"/>		S005665/0030	Project Design -Pre-Final (INT)														
<input type="checkbox"/>		S005665/0050	Technical Review (INT)														
<input type="checkbox"/>		S005665/0060	ERRA Pre-Final Review														
<input type="checkbox"/>		S005665/0070	O&M Pre-Final Review														
<input type="checkbox"/>		S005665/0090	Corporate Resources Pre-Final Reul														
<input type="checkbox"/>		S005665/0100	GPA Pre-Final Review														
<input type="checkbox"/>		S005665/0110	Intergou Programs Pre-Final Review														
<input type="checkbox"/>		S005665/0130	MS-Pre-Final Design TRB														
<input type="checkbox"/>		S005665/0140	MS-Permits Complete														
<input type="checkbox"/>		S005665/0150	Tracking Pre-Final Design														



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Project: 100706 EAA A1 FEB

S	Hi	ID	Description	2011						
				1						
				November	December	January	February	March		
<input type="checkbox"/>		S005665 / 0160	MS-Specs. Asset List Rev.	-	-	-	-	-	-	-
<input type="checkbox"/>		S005679 / 0010	Technical Review Pre-Final (EXT)	-	-	-	-	-	-	-
<input type="checkbox"/>		S005666 / 0010	Internal Design Work (INT)	-	-	-	-	-	-	-
<input type="checkbox"/>		S005666 / 0020	External Design Work (EXT)	-	-	-	-	-	-	-
<input type="checkbox"/>		S005666 / 0030	Internal Technical Review (INT)	-	-	-	-	-	-	-
<input type="checkbox"/>		S005666 / 0050	Tracking Activity	-	-	-	-	-	-	-
<input type="checkbox"/>		S005667 / 0010	External Technical Review (EXT)	-	-	-	-	-	-	-
<input type="checkbox"/>		S005668 / 0010	Project Management Construction (-	-	-	-	-	-	-
<input type="checkbox"/>		S005668 / 0020	Project Management Construction (-	-	-	-	-	-	-
<input type="checkbox"/>		S005669 / 0010	Construction Management (INT)	-	-	-	-	-	-	-
<input type="checkbox"/>		S005669 / 0020	Construction Management (EXT)	-	-	-	-	-	-	-
<input type="checkbox"/>		S005669 / 0040	MS-Notice to Proceed	-	-	-	-	-	-	-
<input type="checkbox"/>		S005669 / 0050	MS-Substantial Completion	-	-	-	-	-	-	-
<input type="checkbox"/>		S005669 / 0060	MS-Final Completion	-	-	-	-	-	-	-
<input type="checkbox"/>		S005669 / 0070	Tracking Activity	-	-	-	-	-	-	-
<input type="checkbox"/>		S005670 / 0010	Construction Contract	-	-	-	-	-	-	-



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

SCHEDULE MILESTONE (BY WBS) REPORT

SAP PROJECT SYSTEM REPORT: CJ20N

VARIANT _____

		Project: 100706 EAA A1 FEB							
S	Hi	ID	Description	2011					
				1	2				
				November	December	January	February	March	April
<input type="checkbox"/>		5005665 / 0160	MS-Specs. Asset List R						



SOUTH FLORIDA WATER MANAGEMENT DISTRICT
SCHEDULE PREDECESSORS & SUCCESSORS (BY ACTIVITY)

SAP PROJECT SYSTEM REPORT: CN49N

VARIANT _____



RESOURCES

RESOURCE PLAN

The Project Resource Plan details the human and material resources needed, how the resources will be used, the skill levels required, the time the resources are needed, and the type of resource, employee, contractor or equipment, needed. The plan is a description of what types of resources are required, in what quantities, for each activity or activity element in the WBS. The project manager or project liaison must gain concurrence with the manager of the resource that the resources planned to perform the work are correct in type, quantity, duration and will be available to support the projects requirements before the project plan is approved. The commitment for these resources is demonstrated by the signatures of the resource areas in the Project Team section of this plan.

Include the following reports by replacing the sample reports with the reports for your project

- | | | | |
|-----------------------------|-------------|-------------|---------|
| 1. Resource Profile (Total) | Transaction | Not Defined | Variant |
| 2. Resource Table (Total) | Transaction | CN47N | Variant |

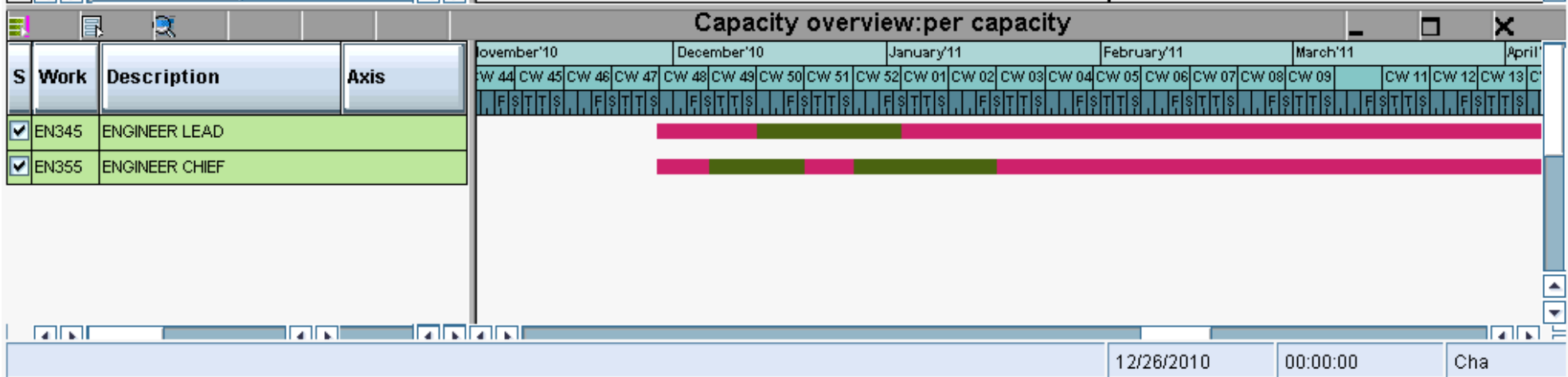
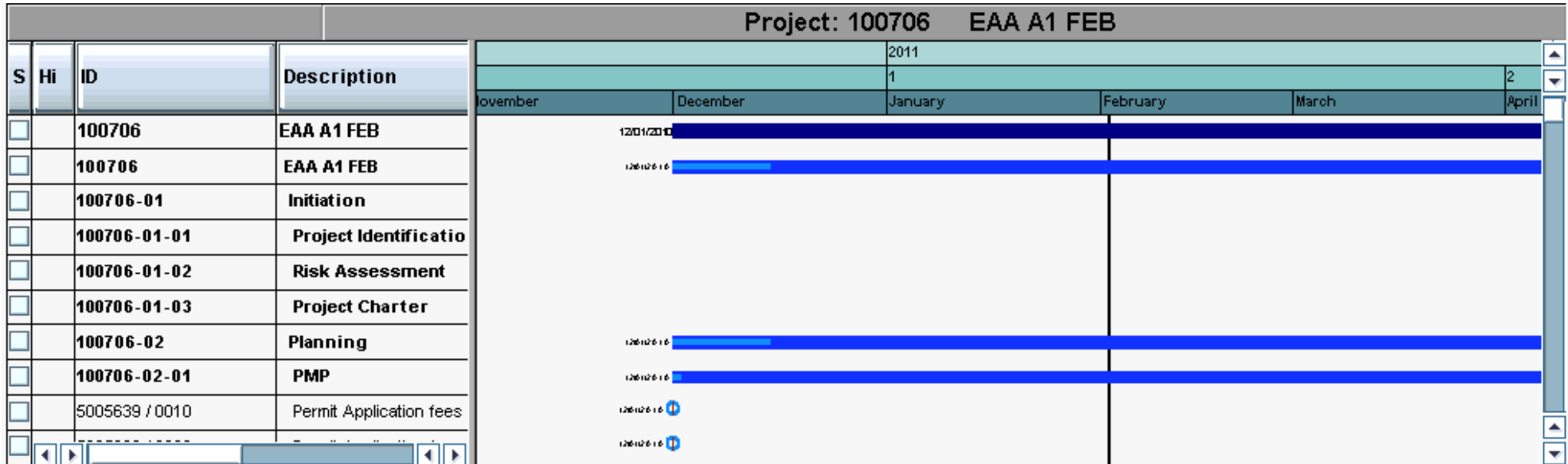


SOUTH FLORIDA WATER MANAGEMENT DISTRICT

RESOURCE PROFILE

SAP PROJECT SYSTEM REPORT: CJ20N/PPB/CAPACITY OVERVIEW

VARIANT _____





SOUTH FLORIDA WATER MANAGEMENT DISTRICT
RESOURCE LIST & REQUIREMENTS BY WORK CENTER

SAP PROJECT SYSTEM REPORT: CN47N

VARIANT _____



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PLAN VALUE

The project Plan Value details the cost over time based on the resources assigned and the time they are scheduled to occur within the project. The cumulative value of this cost is plotted over time which provides the District with the projects planned expenditure for any given point in time during the projects life. Performance is managed to this plan curve which demonstrates how well the project is planned and or the projects performance to plan. Approved changes are reflected in the plan through the Districts Monitoring & Controlling process

- | | | | |
|--------------------------|-------------|------|---------|
| 1. Planned Value (Curve) | Transaction | CN41 | Variant |
| 2. Planned Value (Table) | Transaction | CN41 | Variant |



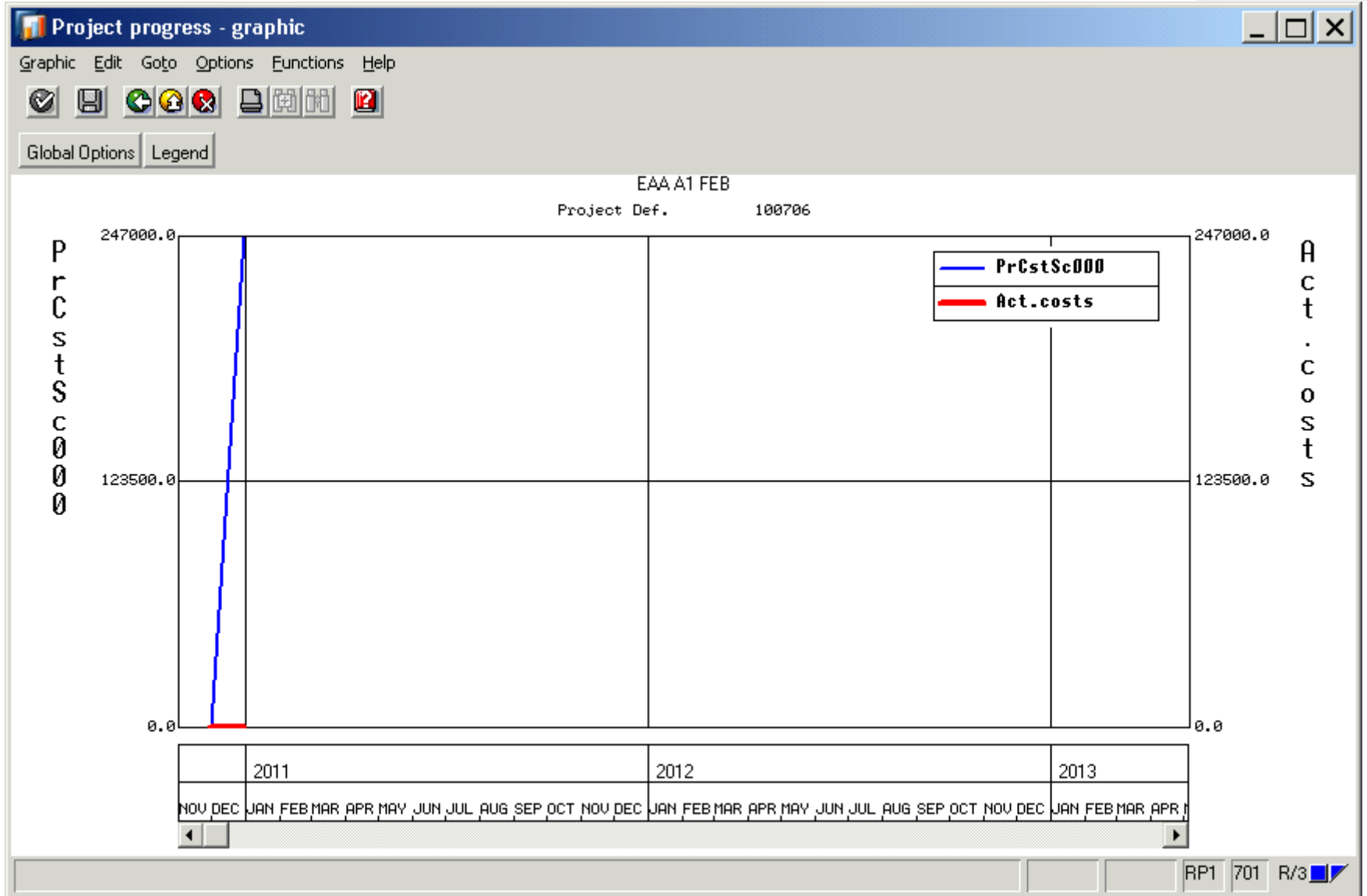
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PLANNED VALUE

PLANNED VALUE CUMMULATIVE CURVE REPORT (DOLLARS)

SAP PROJECT SYSTEM REPORT: CN41

VARIANT





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

PLANNED VALUE

PLANNED VALUE TABULAR REPORT (DOLLARS BY FISCAL YEAR, MONTH AND TOTALS)

SAP PROJECT SYSTEM REPORT: CN41

VARIANT _____

Project Def. 100706 EAA A1 FEB
No. of Year Per: 2(5)

Year	Per	Project cost sch 000	Actual costs
Total		246,782.00 USD	0.00 USD
2011		246,782.00 USD	0.00 USD
<input checked="" type="checkbox"/>	2011 000	0.00 USD	0.00 USD
<input checked="" type="checkbox"/>	2011 003	246,782.00 USD	0.00 USD



RISK



RISK MANAGEMENT PLAN

Rule of Thumb

All projects have risks. A project without any identified risks typically indicates a project with a weak risk plan. Identify, analyze, and establish; risks, a risk resolution plan, and impact.

Risk Form

Utilize the risk form below to document all risk descriptions, triggers (what will cause the risk to occur), response plan (what will be done if the risk does occur), probability (percent chance of the risk occurring), impact (total cost if the risk occurred), and magnitude in dollars (probability times impact), hours (where applicable for labor) and duration impact to the activity the risk is associated with. Risk status must be planned for and maintained throughout the project life to determine which risks have passed and those that remain a threat at project completion.

Lack of Historical Performance & Unknowns

The Risk plan is paramount to insuring accuracy of project performance measurement. One of the most significant issues project managers may face is having to develop a project plan before the full required scope is known or where the scope is known but it is so unique there is no basis for developing an accurate estimate. When this occurs the project manager must complete the Risk plan for what is unknown. The costs and impacts of the risks in the risk plan are not to be included in the other elements of the PMP. IE; activity planned cost, resources, schedule, quality, communication, etc.

Management Acceptance of Risks

When management signs off on the plan they are also agreeing to the Risks and their associated defined costs. When Risks are realized the PM has the full authority to approve the required Issue Management and Change Control Request Form

Risk Planning Components

Risk Management Planning includes but is not limited to:

1. Identifying those things that could go wrong during the project.
2. Identifying the work the risk is associated with (Project, WBS, Activity, etc).
3. Identifying the type of risk (Risk Code: Estimating, Legal, Technological, etc).
4. Determining the likelihood of occurrence (probability).
5. Determining the impact to the project if the event occurs.
6. Determining the exposure level (dollars, duration, etc.).
7. Planning the risk response for those items most likely to occur.
8. Returning risk funding when risk has passed.



SOUTH FLORIDA WATER MANAGEMENT DISTRICT



RISK ASSESSMENT PLAN SORT BY WBS

Expand the table to cover all WBS elements and activities for the project. It is also acceptable to export the WBS full structure and activity list from SAP PS and develop a matrix as shown below with the same columns. You may add additional columns if needed but keep the order the same for the columns shown below. Insert the specific risk(s) for each activity of the project in the table below. You may have more than one risk per activity. If a risk covers all activities on a WBS element identify the risk at the WBS level. If a risk may impact the whole project you may identify the risk at the project level.

WBS	WBS Description	Risk Status	Risk Description	Risk Trigger	Risk Response	Risk Code	Probability Percent	Impact Dollars	Risk Dollars	Risk Hours	Risk Duration
		Planned Realized Not Realized				Estimating Technological Natural Man Made					
WBS	Description										
Activity A	Description										
Risk 1	Description	Planned									
Risk 2	Description	Planned									
Risk 3	Description	Planned									
Activity B	Description										
Risk 1	Description	Planned									
Risk 2	Description	Planned									
Risk 3	Description	Planned									
Activity C	Description										
Risk 1	Description	Planned									
Total								\$	\$	\$	



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

COMMUNICATION

COMMUNICATION PLAN

Establish the Communication Plan for the project by editing the As Needed Communications section in the file below to meet project requirements. The *Required Communications* and *Required Reporting* sections of this Plan are business standard requirements and are not to be edited.

Communication Plan Responsibility Codes O=Organize, A=Attend, C= Copy,

Project Communication Type	Frequency	Medium	Project Mgr	Project Team & WBS Element PM's	Resource Area Manager	Project Sponsor	Contract Specialist	Outreach Specialist	Executive Office	MAT	DLT	Enter Date(s) of Occurrence
District Required Communications												
1. Project Initiation Kickoff Meeting	At kickoff	Meeting	O	A	A/C	A	A	A				
2. PMP Initiation Review	Prior to PMP Executive Approval	Meeting	O	A	A/C	A						
3. PMP Initiation Approval	Prior to development of full PMP	Meeting	O	A	A/C	A						
4. PMP (Full Plan) Development Meeting	During PMP development as Req'd.	Meeting	O	A	A/C	A						
5. PMP (Full Plan) Approval for Budget Submission Meeting	Prior to Budget Submission	Meeting			O/A							
6. PMP (Full Plan) Review Meetings	At kickoff, & revisions	Meeting	O	A	A/C	A						
7. Project Execution Kickoff Meeting	At kickoff	Meeting	O	A	A/C	A	A	A	C			
8. Bi Weekly Project Updates & Checks: Cost & Schedule Corrections, Time Entry, Receipt for work performed, Progress Entry, and Schedule Updates.	Weekly	Meeting	O	A								
9. Project Pre Close Meeting												
10. Project Closeout Meeting												
District Required Reporting												
Monthly Project Reports	Monthly (see Report section)	Email	O	A	C	C						See Approvals Section -Report Log
Resource Area Management Monthly Report Review & Action Plan Submitted to Executive Office	Monthly (see Report section)	Meeting	A		O							
Executive Office Monthly Report Reviews	As Requested	Meeting			A				O	A	A	
As Needed Communications												
Procurement Review Meetings	As Needed	Meeting	O	A	C		A	A				
Monitor & Control Review Meeting	As Needed		O	A	C							
Lessons Learned	As Needed	Meeting	O	A	C	C	C	C				
Project Newsletter	As Needed	Email	O	C	C	C	C	C	C	C	C	



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

It is required for all projects to document customer acceptance on the following form. If another form is required by the business/customer imbed the required form after this District standard form in the PMP. If there are items missing on the form below they may be added. Do not delete the standard form.

CUSTOMER ACCEPTANCE

CUSTOMER PROJECT COMPLETION AND ACCEPTANCE SIGN OFF

Resource Area (Owner of The Project):			
Project Name:		PS Project Number:	
Project Manager:		Date:	

The undersigned agree in principle that the completed project satisfactorily meets the Acceptance Deliverables and Criteria set forth in the attached Project Acceptance Criteria Form

_____	_____
Client Signature	Date
_____	_____
Client Name	Title
_____	_____
Sponsor	Project Manager
_____	_____
Name & Title	Name & Title



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

CLOSEOUT

PROJECT CLOSEOUT PROCEDURES

This section of the PMP captures lessons learned during the project, and documents closure completion.

These items are to be completed as the project progresses:

Lessons Learned Form

Project Management Plan Closeout Performance Review Form

Lessons Learned Form

Lessons learned are to be collected by WBS. Key inputs for lessons learned are to come from the WBS Applicant in conjunction with The WBS Responsible Person and Project Manager.

They may be collected at any appropriate level WBS. A project level lesson learned may be attached at the project level WBS. A specific lesson learned for Design should be written for and collected at the Design WBS element. This allows for lessons learned to be associated with standard work types, their standard District work structure, and collected across all projects for any standard WBS element/work type.

Project Management Plan Closeout Performance Review Form

This form lists the steps for project closure and the items to be closed.

When the project is ready to be closed, the Project Management Plan Closeout Performance Review form is to be completed by the project team and presented at the project technical closure meeting to review the required technical closure items (TECO) and at the project final closure meeting to review the final closure items (CLSD).

Closure Review Meetings

Each project level technical and final closure team meeting is to include the Business Performance Management Office to attend and validate completion of the closure requirements.

The Project Management Plan Closeout Performance Review is scored, and the score becomes part of the project record.



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CLOSEOUT

LESSONS LEARNED BY WBS

DATE: _____

WORKING PLAN ID: _____

TARGET PLAN ID: _____

WBS	WBS / activity Description where the issue occurred.	Issue description.	What was the root cause? (process, people, communication, dependencies)	How was the Issue Corrected? How may the issue be avoided in the future?	Estimated cost to be saved.	Estimated time to be saved.
WBS	Description					
Activity A	Description					
Step 1	Description					
Step 2	Description					
Step 3	Description					
Activity B	Description					
Step 1	Description					
Step 2	Description					
Activity C	Description					
Step 1	Description					
Step 2	Description					
Step 3	Description					



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Project 100XXX TECO Review Date XX/XX/XX																					
	CHECK		SCORE																		
TECO	District Project Management Plan Closeout Performance Review The following TECO and CLSD steps must be completed in the order specified below.		TOTAL TECO CLSD																		
	<input type="checkbox"/>	1. Change Control. Ensure resolution of all change control requests (CN41/Get project version... to compare working plan with latest approved target plan; CN41/Project definition attachments to view change control requests (CCRs), Charter, and PMP; FMEDDW to view budget changes).																			
	<input type="checkbox"/>	2. Receipts. Receive all delivered goods and services (details in SAP 7800 manual). Verify with ME2J <ul style="list-style-type: none"> ▪ Use the MIGO SAP transaction to receive goods. If there is a remaining quantity in the PO line that is not going to be received, set the Delivery Complete Indicator so the unused funds are disencumbered and made available in FM. If the PO line was created in a previous FY, the unused funds are made available in the FY in which they were created and cannot be used in the current FY. ▪ Use the ML81N SAP transaction to receive services. If there is a remaining amount in the PO line that is not going to be received, click on Set Final Entry so the unused funds are disencumbered and made available in FM. If the PO was created in a previous FY, the unused funds are made available in the FY in which they were created and cannot be used in the current FY. 																			
	<input type="checkbox"/>	3. Dis-encumbrance. Complete Dis-encumbrance, Contract Closeout, and Contractor Evaluation forms and forward to Procurement as applicable. Y_RD1_07000001 - Available Budget to verify																			
	<input type="checkbox"/>	4. Close P.O. Lines. Notify the Purchasing Agent or Contract Specialist to "close" the Service PO line. By "close", we mean that any balance in a Service PO line is reduced to match the received amount, the Final Invoice field is checked (even when a final invoice has not been received or paid) and the PR line is flagged Closed if it was not already closed. This closes a PR line. Procurement sends the dis-encumbrance forms to the Budget office. <ul style="list-style-type: none"> • To verify that a Goods PO line is closed, execute transaction ME2J and double-click the line. A Goods PO line is considered "closed" when the Deliv Compl. indicator is checked (Delivery tab) <u>or</u> the Tr./Ev. Goods receipt amount (Purchase Order History tab) matches the PO line PO Quantity x Net Price amount <u>and</u> the Tr./Ev. Invoice receipt (Purchase Order History tab) amount matches the PO Line PO Quantity x Net Price amount <u>or</u> the Final Invoice indicator is checked (Invoice tab). • To verify that a Service PO line is closed, execute transaction ME2J and double-click the line. A Service PO line is considered "closed" when the Final Entry indicator (Fin. Entry) is displaying (in the Purchase Order History tab, click on the Material Document in the row that says SEnt) <u>or</u> the Tr./Ev. Service Entry amount (Purchase Order History tab) matches the PO line PO Quantity x Net Price amount <u>and</u> the Tr./Ev. Invoice amount (Purchase Order History tab) matches to PO line PO Quantity x Net Price amount <u>or</u> the Final Invoice indicator is checked (Invoice tab). 																			
	<input type="checkbox"/>	5. Stop Time Charges. Communicate that no further time is to be charged to the internal activities or activity elements.																			
	<input type="checkbox"/>	6. Correct Posting Errors. a. Run audit reports (Y_RD1_07000001, CN41, CJI3, CN48N) to determine if incorrect postings (time or costs) exist or expected postings are missing. b. Correct errors (time corrections can be done by employees back to 2 pay periods; for corrections older than 2 pay periods, the payroll administrator gets involved; JEs/JVs are performed by Finance and Accounting respectively). c. Re-run audit reports (Y_RD1_07000001, CN41, CJI3, CN48N) to verify that errors have been corrected.																			
	<input type="checkbox"/>	7. Create final confirmations (CNF) for all activities and activity elements (PPB). Verify using PPB.																			
	<input type="checkbox"/>	8. Update Physical % complete field to 100% in all activities and activity elements with the exception of milestones (PPB). Verify using PPB.																			
	<input type="checkbox"/>	9. Reschedule the project in the PPB (use Strict Bottom-Up scheduling option). The Basic dates of the Project Definition and WBS Elements should be a roll up of all subordinate objects. Verify using PPB.																			
	<input type="checkbox"/>	10. Validate actual dates in Project Planning Board (PPB) and save project.																			
	<input type="checkbox"/>	11. Execute the ZPS_WBS_PERCENT SAP transaction to roll up the Physical % Complete. Verify in PPB.																			
<input type="checkbox"/>	12. TECO the WBS Element/Project. TECO status does not allow scheduling or further changes in a PO line, but will allow for receiving of goods, services or invoice processing including payments. Verify using PPB.																				
Project 100XXX CLSD Review Date XX/XX/XXXX																					
CLSD	District Project Management Plan Closeout Performance Review																				
	<input type="checkbox"/>	13. Hold the Pre-Close Meeting in conjunction with the Finance Manager to ensure all parties are in agreement that the WBS Element/Project is ready to be closed out. The following parties are invited to the meeting: <ul style="list-style-type: none"> ▪ Business Performance Management Division ▪ Business Services Director ▪ Field Station Supervisor (capital projects only) ▪ Division Director of Field Operations (capital projects only) ▪ PM Supervisor ▪ Project Manager ▪ WBS Element's PM ▪ WBS Element's PM Supervisor. ▪ Finance Manager ▪ Accounts Payable ▪ Professional Accountant ▪ Asset Accountant ▪ Purchasing Agent/Contract specialist ▪ Project Controls & or SME 																			
	Project Management Plan Document Closure. Close the PMP updating the complete document with the final plan (original plan including all approved changes)																				
	<input type="checkbox"/>	14. PMP Approvals																			
	<input type="checkbox"/>	15. PMP Executive Summary																			
	<input type="checkbox"/>	16. PMP Team																			
	<input type="checkbox"/>	17. PMP WBS																			
	<input type="checkbox"/>	18. PMP OBS																			
	<input type="checkbox"/>	19. PMP Work Definition																			
	<input type="checkbox"/>	20. PMP Schedule																			
	<input type="checkbox"/>	21. PMP Resources																			
	<input type="checkbox"/>	22. PMP Planned Value																			
	<input type="checkbox"/>	23. PMP Quality																			
	<input type="checkbox"/>	24. PMP Risk																			
	<input type="checkbox"/>	25. PMP Communication																			
	<input type="checkbox"/>	26. PMP Acceptance																			
	<input type="checkbox"/>	27. PMP Closeout																			
	<input type="checkbox"/>	28. PMP Monitor/Control																			
	<input type="checkbox"/>	29. PMP Reports																			
	<input type="checkbox"/>	30. Ensure Finance Manager transfer unused funds outside of the project. Validate this via: FMEDDW, Y_RD1_07000001, or ZZPU_C02_Q009 - BW Budget vs. Actual vs. Planned.																			
	<input type="checkbox"/>	31. Ensure Accounts Payable close invoices and check the Final Invoice indicator.																			
	<input type="checkbox"/>	32. Ensure Asset Accountant perform final settlements and notifies Project Manager, PM Supervisor, Finance Manager, and Asset Manager when final settlements are completed.																			
	<input type="checkbox"/>	33. Ensure Asset Manager has tagged assets and put them into service.																			
	<input type="checkbox"/>	34. Hold Closeout Meeting. Pre-close meeting parties are invited to this meeting. Validate that all previous steps have been complete and are accurate. *If project is being closed, review and sign off final PMP.																			
	<input type="checkbox"/>	35. Attach updated PMP and any other documents to project definition level in SAP PS.																			
	<input type="checkbox"/>	36. Notify Finance Manager to close WBS Element/Project.																			
	<input type="checkbox"/>	37. Finance Manager sets the WBS Element/Project to System Status = CLSD.																			
	<input type="checkbox"/>	38. Archive project files according to the resource area and District Clerk's Office procedures.																			
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Score</th> <th>Grade</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Greater than 87</td> <td>A</td> <td>Green</td> </tr> <tr> <td>From 76 to 87</td> <td>B</td> <td>Green</td> </tr> <tr> <td>From 64 to 75</td> <td>C</td> <td>Yellow</td> </tr> <tr> <td>From 52 to 63</td> <td>D</td> <td>Red</td> </tr> <tr> <td>Less than 52</td> <td>F</td> <td>Red</td> </tr> </tbody> </table>			Score	Grade	Code	Greater than 87	A	Green	From 76 to 87	B	Green	From 64 to 75	C	Yellow	From 52 to 63	D	Red	Less than 52	F	Red	
Score	Grade	Code																			
Greater than 87	A	Green																			
From 76 to 87	B	Green																			
From 64 to 75	C	Yellow																			
From 52 to 63	D	Red																			
Less than 52	F	Red																			



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

MONITOR/CONTROL

MONITORING AND CONTROLLING PLAN

OVERVIEW

The purpose of this section of the PMP is to document the Monitoring & Controlling plan for the project. Monitoring & Controlling is the tool for understanding project performance by comparing actual performance to the Project Management Plan, identifying deviations to the PMP, documenting issues driving deviation, and resolving these issues through issues management, and change control when possible.

Issues Categories:

Issues driving deviation will fall into the broad categories of being resolvable within the existing PMP, requiring a change to the PMP, or unresolvable, resulting in deviation to the PMP. It is very important to understand that changes to the target PMP elements which the project is measured against is not allowed for lack of performance that is not driven by a change in the PMP requirements (IE: change in scope, schedule, quality, etc.)

Issue Identification and Disposition:

Issues are identified and documented by any project team member or stakeholder and an issue form describing the issue is given to the project manager for resolution.

WBS element owners have specific responsibility for identifying and assisting the project manager in the resolution of issues. Each WBS element owner (SAP Project System Applicant) is responsible to the project manager (SAP Project System Responsible Person) for actively developing, executing, monitoring/controlling and closing out their assigned WBS elements. Each WBS owner is responsible for providing the project manager with potential methods for resolving issues associated with their WBS elements. The WBS owner (Applicant) works with the WBS element manager (Responsible Person) to propose a resolution for the identified issues to the project manager.

The project manager works with the owner of the WBS element that the issue is associated with and other appropriate team members & stakeholders to determine the disposition of the issue. If the issue is real, it is then determined if the issue is resolvable within the current PMP, is a change to the PMP requiring change control, or is simply an performance deviation for which change is not allowed.

Resolution Authority Levels:

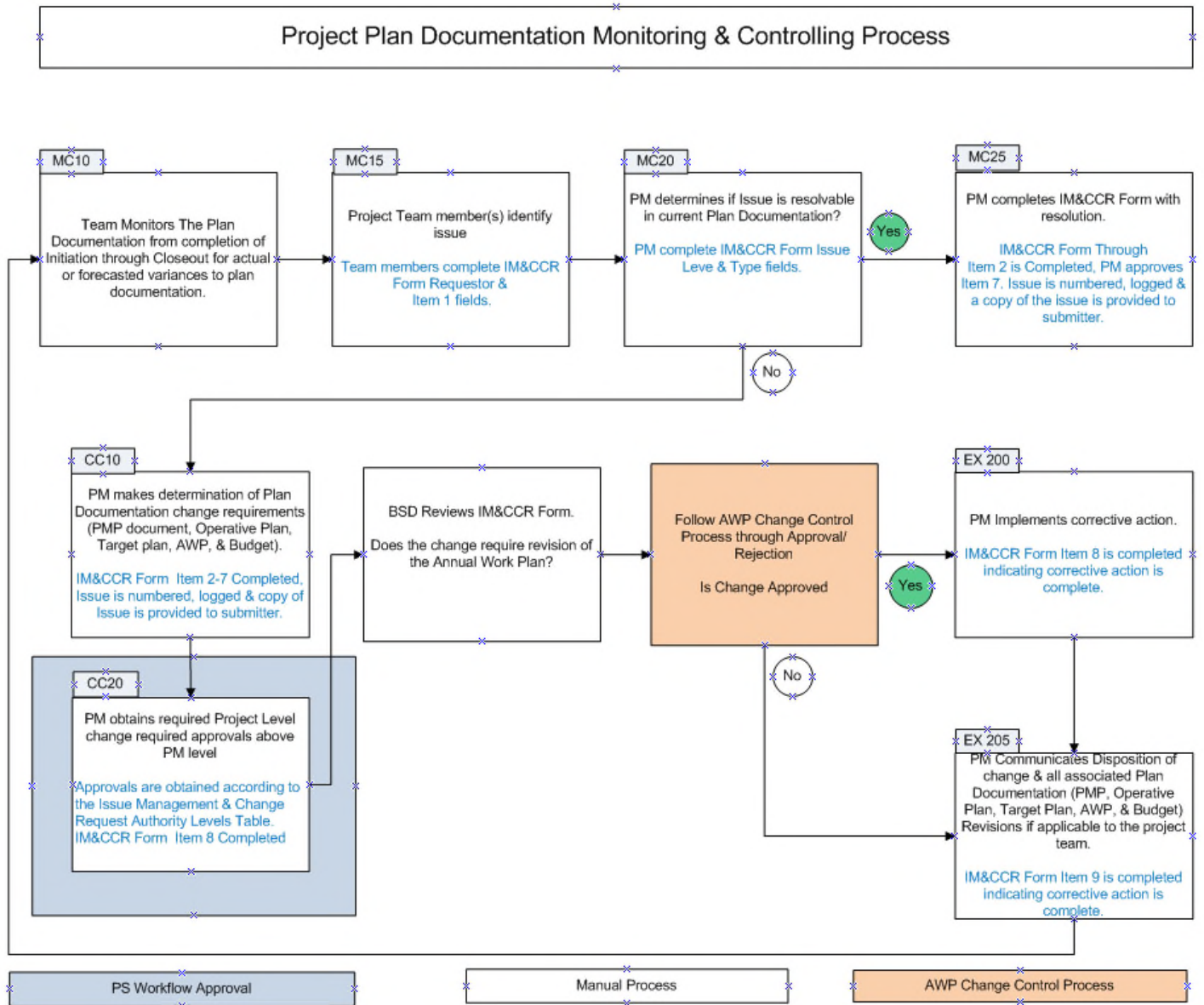
Different levels of authorization are required to authorize implementation of issue resolution recommendations.



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DETAILED PROCESS

Issue Identification and Resolution Process Map





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Monitor & Controlling Process Map Descriptions

The following descriptions are provided to help clarify the process steps outlined in the process map shown above. **Plan Documentation** refers to all documents defining any portion of the project plan. This includes but is not limited to the **PMP, SAP Operative Plan, SAP Target Plan, Annual Work Plan, & Budget**.

MC10 - Monitoring

This step includes monitoring for any issues driving deviation from the Plan Documentation. All project team members continuously monitor the project for actual, or forecasted deviations to the plan. The team monitors The PMP from completion of Initiation through Closeout

MC15 – Project Team Members Identify Issue

An Issue may be any deviation or forecasted deviation to the plan. Issues are identified in this step and the Issue is documented in the IM&CCR form. Team members complete IM&CCR Form **PS ID, Submitted By, Date, & Item 1 fields**. The form is turned into the PM

MC20 –PM Determines if the Issue is Resolvable in the Current Plan Documentation

PM receives the IM&CCR form from requestor. Issue is numbered, logged & copy of Issue is provided to submitter. This is the requestor's proof of issue submission which allows the submitter to follow up on the issue referring to the issue number, and obtain status of its resolution.

The PM determines if the issue may be resolved without changing the plan documentation or if a change to the plan will be required to resolve the issue. The PM completes the **Issue Level & Issue Type fields**.

MC25 –PM Completes IM&CCR Form with Resolution

If the issue is resolvable in the current plan the PM Completes IM&CCR Form **Item 2 field** is Completed, PM approves & completes **Item 7 fields**. Issue is numbered, logged & a copy of the issue is provided to submitter.

CC10-PM Determines Plan Documentation Change Requirements

If the issue is not resolvable in the current plan the PM determines Plan Documentation change requirements to the PMP document, Operative Plan, Target plan, AWP, & Budget.

PM completes IM&CCR Form Item 2-7. Issues resolution will typically require preventative or corrective action and fall into one of the four major categories A, B, C, or D shown in Table 2. Issues that are type D must be broken down by type on the IM&CCR form. If it is indicated that the AWP requires revision the IM&CCR form is attached to AWP change request form for backup information and submitted to AWP change control process.

CC20 – PM Obtains Required Approvals Above PM Level of Authority

Changes that exceed the authority level of the PM are forwarded for additional approval according to the Change Minimum Required Approval Levels Issue Management & Change Request Authority Levels Table which follows in this section. *These Approvals are in SAP PS Workflow*. Item 8 is completed.

EX 200 - PM Implements Corrective Action



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The PM simply implements the corrective action. IM&CCR Form Item 9 is completed indicating corrective action is complete.

Project or Process Complete

When the work is complete and the financials are closed to changes for the fiscal year no further monitoring is required & no further changes will take place to the plan(s). Monitoring/Controlling, Issue Management and Change Control are complete for the work.



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Thresholds

The District does not have thresholds below which issues or associated project changes are not required to be documented. The reason for this is when you set a minimum threshold level and have an issue that occurs just below that level the issue is undocumented and lost as if it never occurred. If you have another issue just below the threshold level and as such is also not documented you now have two issues which when combined are well over the threshold level that may significantly impact project performance. Both issues would be lost and even if the issues were ones that could have been approved to provide more time, funds, or other changes to the PMP, there is no documentation of occurrence or basis for making adjustments.

Document all issues and their associated impacts to the PMP. If issues are small and do not impact performance beyond what you are willing to accept responsibility for you may choose not to immediately resolve the issue. You may collect small issues that have minimal project impacts and implement a single change to the PMP for the collected issues. All issues on hand should be resolved for each reporting cycle to produce up to accurate project performance reports.

The District Project Management Plan elements to monitor performance against and potential indicators of performance are shown below.

Project Management Plan Elements to be Monitored

All Project Management Plan Elements (listed below) are monitored to determine if any deviation from plan is occurring. Where deviations are identified, an Issue Management Form must be completed. The Form describes the issue, impact to the plan, potential resolution including change control if required, and authorized signatures.

- | | |
|-------------------|-------------------|
| Approvals | Plan Value |
| Executive Summary | Quality |
| Team | Risk |
| WBS | Communication |
| OBS | Acceptance |
| Work Definition | Closeout |
| Schedule | Monitor & Control |
| Resources | Reports |



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Potential Indicators of Performance Deviation

The items that should be monitored and may provide indication that performance may be different from planned include but are not limited to the following:

- Performance reports from project execution
 - Schedule
 - Costs
 - Funding
 - Resources
- Rejected change requests
- Management directives
- Hurricanes (force majeure)
- Engineering
 - Revised drawings
 - Revised Specifications
- New customer requirements / specifications
- Revised schedule logic
- Revised milestone or interface points
- District budget/funding revisions
- Quality requirements, performance
- Risk requirements, performance
- Communication requirements, performance



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Issue Type Definitions

Issue Types are shown below. For examples to assist with determination of issue type refer to the Districts Methodology manual.

<p>Issue Type A. The issue is resolvable within the current plan. The project plan will not need to be modified. The project will regain performance as planned even though initial performance is not to plan.</p>
<p>Issue Type B. The issue is not resolvable within the current plan. The issue is a change to the plan and is not an issue due to lack of performing to the plan.</p>
<p>Issue Type C. The issue is a performance issue. The plan is still correct except that the project is not performing to the cost plan.</p>
<p>Issue Type D. The issue is a combination of two or more issue types (A, B, & C) The issue requires multiple resolution solutions.</p>

Change Approval Level Signature Requirements

Change Approval Level	Description	Project Manager	Project Manager Supervisor	Division Manager	Department Manager	Resource Area Manager	AWP Review Board	Stakeholders
1	All Project Level PMP or Process changes	X	X					
2	All Project or Process changes impacting Division commitments.	X	X	X				
3	All Project or Process changes impacting Department commitments.	X	X	X	X			
4	All Project or Process changes impacting Resource Area commitments.	X	X	X	X	X		
5	All Project or Process changes impacting AWP commitments.	X	X	X	X	X	X	
6	All changes where other stakeholders are impacted.							X



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- 1** All project or process change requests including:
 - Moves of budget within the project or processes total budget.
 - Moves of individual activities within the project schedule.
- 2** All Project or Process changes that impact Division commitments but do not impact AWP budget or schedule commitments for the Project or Process. Examples:
 - One project or process in the Division impacts another project or process in the Division but does not impact AWP commitments.
- 3** All Project or Process changes that impact Department commitments but do not impact AWP budget or schedule commitments for the Project or Process. Examples:
 - One project or process in the Department impacts another project or process in the Department but does not impact AWP commitments.
- 4** All Project or Process changes that impact Resource Area commitments but do not impact AWP budget or schedule commitments for the Project or Process. Examples:
 - One project or process in the Resource Area impacts another project or process in the Resource Area but does not impact AWP commitments.
- 5** All changes impacting an AWP project and or process to be performed including:
 - AWP Results indicators, AWP scheduled quarter results, AWP Budget

AWP changes must meet one, or more, of the six criteria approved by the DPM Steering Committee as follows:

1. Significant new initiative
 2. Necessary resources redirected by Executive Office
 3. Governing Board Direction
 4. In the best interest of the District (state why it is)
 5. Project deferred by a partner or third party
 6. Weather
 7. Significant financial savings
- 6** All changes where other stakeholders are impacted. Examples might include.
 - Project Y requests a change that impacts project X. Project X should approve the change.
 - Resource Area A is receiving a product to operate that is being built for them by Resource Area B. Resource Area A should approve all changes impacting their requirements.
 - 7** All changes to a budget surplus which does not affect the annual work plan do not require the change to be brought to or approved by the DPM Steering Committee.



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Change Control Annual Calendar

Change requests may be submitted and resolved throughout the projects life. For Annual Work Plan level changes the business follows the following calendar where changes may be submitted.

Description	January	February	March	April	May	June	July	August	September	October	November	December
Annual Work Plan changes to be considered for mid fiscal year.		X	X	X								
Special case reviews for changes.	X	X	X	X	X	X	X	X	X	X	X	X

Issue Management Log and Form

All issues are documented on the issue management form. The forms are turned into the project manager for resolution. The project manager logs the issue and places the issue log id on the issue form. A copy is then given to the person who turned in the issue. The issue form and log are updated as the issues move through the required approvals and implementation process. The log and form become a part of the project records imbedded in the PMP document. Other documents such as drawings, pictures, specifications, correspondence, what if schedules ect. Associated with issues should be stored with the projects other documentation and be clearly identified as to which issue each document supports.



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MONITORING & CONTROLLING - ISSUE & CHANGE MANAGEMENT LOG

Resource Area _____
 Project Name _____

Project ID _____

Issue Type A. The issue is resolvable within the current plan. The project plan will not need to be modified. The project will regain performance as planned even though initial performance is not to plan.

Issue Type B. The issue is not resolvable within the current plan. The issue is a change to the plan and is not an issue due to lack of performing to the plan.

Issue Type C. The issue is a performance issue. The plan is still correct except that the project is not performing to the cost plan.

Issue Type D. The issue is a combination of two or more issue types (A, B, & C). The issue requires multiple resolution solutions.

<i>Issue Management</i>							<i>Change Management</i>										
Issue Number	Submitted By	Submitted Date	Summary Description of Issue	Issue Type(S) A,B,C,D	Issue Status (Open, Closed)	Issue Date Closed	Change Control Request # if Applicable	Change Control Status (Open, Closed)	Change Control Date Closed	Working Plan Budget Change	Working Plan Schedule Change	Working Plan Other Changes	Target Plan Budget Change	Target Plan Schedule Change	Target Plan Other Changes	AWP Plan Cost Change	AWP Plan Cost Change
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	



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PMP Issue Management & Change Control Request Form

PS ID: 100567	Issue Level (Project or AWP) P	Issue #: 1	Issue Type: (A, B, or C):A	Submitted By: Mary Doe	Date: 7/01/2010
---------------	--------------------------------	------------	----------------------------	------------------------	-----------------

Issue Type Legend: Type A the issue is resolvable within current PMP and no change to plan is needed. Type B The Issue is a requirements change to the PMP or realized PMP Risk. The issue is not a performance issue. Type C The issue is a performance issue (only budget change allowed).

1. Issue Description (Completed by Anyone) Description, possible solution(s) & reasons for any desired changes. Attach additional details, estimates, drawings, PS Simulation data, or other information supporting the need for the requested changes

The construction contractor started on time but is currently 3 days behind schedule.

2. Disposition (Completed by PM)

The project manager analyzed the project schedule and confirmed with the contractor that the time could be made up with no impacts IE: to other activities, AWP deliverables, cost, or other stakeholders. Construction is expected to finish on time.

Sections 3 4,5, & 6 of this form are not required

3. PMP Changes (Completed by Project Control): Which version and elements of the PMP will need to be revised?. Only applicable for B issues or budget change on C issues. N/A for Type A issues. Insert supporting details at back of form electronically or reference supporting documents and there storage location if unable to attach a copy.

Project Management Plan Document (PMP) that requires revision _____ Version _____

4. Identify other Project Plan documents that are being requested to be adjusted by this request. (Completed by Project Control):

SAP PS Target Plan: _____ Version _____

Other Items or documents _____

5. Summarize Type B & C components of the requested change as appropriate.. A Issues do not require this section to be completed

Type	<u>Operative Plan</u> Budget (fund) Change	<u>Operative Plan</u> Schedule Change	<u>Operative Plan</u> Other Changes	<u>Target Plan</u> PMP/SAP PS/Plan Cost Change	<u>Target Plan</u> PMP/SAP PS Schedule Change	<u>Target Plan</u> Other PMP/SAP PS/ Changes	<u>Annual Work Plan</u> Changes (Scope, Budget, Schedule, Milestones)
B	Change Amount (\$'s)	Change in Critical Path (days)	Non schedule or budget changes	Change Amount (\$'s)	Change in Critical Path (days)	Non schedule or budget changes	Complete AWP change request form
C	Change Amount (\$'s)	Change in Critical Path (days)	Non schedule or budget changes	Change Amount (\$'s)	Change in Critical Path (days)	Non schedule or budget changes	Complete AWP change request form

6. For Type B Issues identify the Target documentation below which will reflect the changes once they are approved. (Completed by Project Control):

Project Management Plan _____ Version _____

SAP PS Target Baseline: Project Name _____ Version _____

Other Items or documents _____

7.Required Approvals: :Project Manager Approval

John Doe _____ Date 07/02/2010

Resource Area Business Services Director

Jane Doe _____ Date. 7/3/2010

8.Resource Area Project Control Implementation date (after all approvals are complete)_N/A_____ Date _____

Note: Project Control in conjunction with the WBS element PM and Overall Project PM certifies that the issue has been resolved in compliance with the Districts Project Control manual. Note closure date on the Monitoring & Controlling Issue & Change Log is when item 7 above is complete

9..Other Required Approvals (if desired))

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX _____ Date _____



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ANNUAL WORK PLAN CHANGE CONTROL FORM

Refer to the Budget Office for the current Annual Work Plan Change Control Form.

REPORTS




RESOURCE AREA PROJECT PERFORMANCE REPORT REVIEW & APPROVALS

This section of the PMP contains the standard District Reports, Frequency of Reporting, Responsibility for Construction, & Project /Resource Area Review Requirements.

PERFORMANCE REPORTING FREQUENCY

Reports described in this section are to be updated MONTHLY. Reports may be updated more frequently for short cycle projects but monthly is the business minimum requirement. Reports are required to be run to include all data through month. If you are reporting weekly ensure that the last weeks report for each month includes data through the end of the month.

WHAT PROJECTS ARE REQUIRED TO REPORT

*All projects independent of status (Green, Yellow, or Red)  are to be reviewed at least once a month by Resource Area Management. The **Resource Area Project Review And Action Plan Report** is to be utilized for the review. Review of the project is indicated by dating column C. An action plan must also be completed for projects in the red  or yellow  status zone. Status is determined by overall performance as indicated by the projects One Page Performance Report*

WHEN DO PROJECTS BEGIN REPORTING

Reporting does not wait until execution. A change in expected cost, risk, schedule, quality, scope or requirements may occur before the project actually begins execution. As such projects are to begin reporting according to the reporting cycle once the project plan is approved.

REQUIRED PERIODIC PROJECT PERFORMANCE REPORTS

A project performing well is not exempt from review. All projects are to be periodically reviewed by Resource Area Management whether the performance is positive or negative according to the plan.

- *Report 1 is to be completed by Resource Area Management*
- *Reports 2,3&4 are to be approved by Resource Area Management after review with the Project Manager*
- *Reports 2,3,&4 are completed by the Project Manager after review and approval by the project team.*

- 1. Resource Area Project Performance & Action Plan*
- 2. One Page Project Performance Report*
- 3. WBS Tabular Cost & Schedule Report (Through Activity Level)*
- 4. Schedule Gantt Chart (By WBS through Activity Level)*

HOW TO PRODUCE AND UPDATE REPORTS IN THIS SECTION

The procedures for running the reports are included in the Reporting section of the Project Control Manual. Note: The template for Report 2 is embedded in this document as an Excel file and the instructions for updating it are also included in the Report section of the Project Control Manual.

All reports are to be updated within this document by replacing the sample reports on the following pages with the updated reports for your specific project.

RESOURCE AREA PROJECT REVIEW AND ACTION PLAN REPORT

(Monthly Report to Executive Office)

REQUIREMENTS FOR COMPLETION OF THE RESOURCE AREA ACTION PLAN REPORT AND REPORTING TO THE EXECUTIVE OFFICE



All projects independent of status (Green, Yellow, or Red). are to be reviewed at least once a month by Resource Area Management.

The form below is to be utilized for the review. This form is to be maintained as a complete list for all Resource Area projects outside of this document and the reviews for this project are to be maintained below in this PMP. The Resource Area review list for all Resource Area projects is to be submitted monthly to the executive office.


PROJECT MANAGER RESPONSIBILITY

- *Completes column A by entering the Report data that the data was ran from SAP PS.*
- *Completes column B by entering the Overall Project Status from the One Page Project Report.*

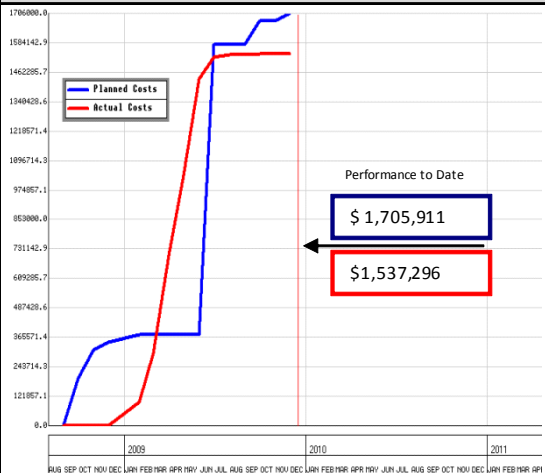
RESOURCE AREA MANAGEMENT RESPONSIBILITY

- *Indicates review of the project report by dating column C of the form below with the Review date (required for all Projects)*
- *Complete Column D,E, & F for all projects with the status of red  or yellow  status zone (status is determined by the “overall project performance” as indicated on the following One Page Project Report.*
- *Updates the Result Obtained Date at each resource area project review meeting as needed.*

RESOURCE AREA PROJECT REVIEW AND ACTION PLAN REPORT

A	B	C	D	E	F	G
<i>Project Report Date</i>	<i>Status</i>	<i>Resource Area Management Review Date</i>	<i>Issues from One Page Report</i>	<i>Resource Area Action Plan & Expected Results</i>	<i>Result Promise Date</i>	<i>Result Obtained Date</i>
3/18/2010		3/18/2010	<i>Project is closed.</i>	<i>No further action may be taken.</i>	N/A	N/A

PROJECT PERFORMANCE REPORT

SOUTH FLORIDA WATER MANAGEMENT DISTRICT																																																																																													
10050 - STA 5 REHABILITATION - PROJECT PERFORMANCE SUMMARY REPORT																																																																																													
Department	Identification and Development			Report As of	12/31/2009																																																																																								
Resource Area	O&M			PM Supervisor	Richard Chaplin																																																																																								
Planned Start	10/1/2008			Project Manager	Richard Chaplin																																																																																								
Planned Finish	9/30/2009			Status	CLSD/GOOD																																																																																								
Project Description																																																																																													
The District is embarking on a (90) ninety day project titled "The STA-5 Cell 1A Rehabilitation Project" that entails partially filling in the lower elevation slough area that runs through the southern section of Cell 1A. Soil to fill in the slough will be removed from the non-effective treatment area of Cell 1A.																																																																																													
Performance	96.0%	Dev = 4%	EVM	Forecasted Variance at Completion																																																																																									
Cost	88.1%	Dev = 11.9%	CPI = 1.13	Cost Variance	\$0																																																																																								
Schedule	100.0%	Dev = 0%	SPI = 1	Schedule Variance	0 days																																																																																								
Methodology	100.0%	Dev = 0%																																																																																											
Annual Work Plan Milestones																																																																																													
Milestone			Planned Date	Actual Date																																																																																									
Engineering Design Completed			1/29/2009	1/20/2009																																																																																									
COSTS			SCHEDULE																																																																																										
			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th colspan="5">2009</th> <th colspan="5">2010</th> </tr> <tr> <th colspan="2"></th> <th>4</th><th>1</th><th>2</th><th>3</th><th>4</th> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th> </tr> <tr> <th colspan="2"></th> <th>Oc</th><th>No</th><th>De</th><th>Ja</th><th>Fe</th><th>Ma</th><th>Ap</th><th>Ma</th><th>Ju</th><th>Jul</th><th>Au</th><th>Se</th><th>Oc</th><th>No</th><th>De</th><th>Ja</th><th>Fe</th><th>Ma</th><th>A</th> </tr> </thead> <tbody> <tr> <td colspan="2"></td> <td>CW 38</td><td>CW 47</td><td>CW 04</td><td>CW 13</td><td>CW 22</td><td>CW 31</td><td>CW 40</td><td>CW 49</td><td>CW 05</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="2"></td> <td colspan="20" style="text-align: center;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"></div> <div style="width: 40%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 40%;"></div> <div style="width: 40%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 40%;"></div> <div style="width: 40%;"></div> </div> </td> </tr> </tbody> </table>					2009					2010							4	1	2	3	4	1	2	3	4	5			Oc	No	De	Ja	Fe	Ma	Ap	Ma	Ju	Jul	Au	Se	Oc	No	De	Ja	Fe	Ma	A			CW 38	CW 47	CW 04	CW 13	CW 22	CW 31	CW 40	CW 49	CW 05													<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"></div> <div style="width: 40%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 40%;"></div> <div style="width: 40%;"></div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div style="width: 40%;"></div> <div style="width: 40%;"></div> </div>																			
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		4	1	2	3	4	1	2	3	4	5																																																																																		
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		CW 38	CW 47	CW 04	CW 13	CW 22	CW 31	CW 40	CW 49	CW 05																																																																																			
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Project Financials			TOTAL		FY																																																																																								
Total	Physical % Complete	100%																																																																																											
	Earned Value (EV)	\$1,705,911																																																																																											
	PV At Completion (PVAC)	\$1,705,911	\$30,580																																																																																										
	Budget	\$2,113,201	\$0																																																																																										
	Forecast At Complet. (FAC)	\$1,705,911																																																																																											
	PVAC - FAC	\$0																																																																																											
To Date	Planned Value (PV)	\$1,705,911	\$30,580																																																																																										
	Actual Costs (AC)	\$1,503,200	\$0																																																																																										
	Variance = PV - AC	\$202,711	\$30,580																																																																																										
PMP Planned Value, Budget, and Schedule Change Management					Operative Plan																																																																																								
	Original PMP	Approved Changes		Current PMP																																																																																									
PVAC	\$1,804,931	-\$99,020		\$1,705,911																																																																																									
Budget	\$1,750,000			\$2,113,201																																																																																									
Duration	251 days	0 days		251 days																																																																																									
Assistance Required, Concerns, Risks																																																																																													
Report Sign-off																																																																																													
Business Services Director			Project Manager																																																																																										
Cost & Schedule Deviation from Plan																																																																																													
● <= ± 20% ● > ± 20 % & <= ± 40% ● > ± 40%																																																																																													



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

WBS TABULAR COST & SCHEDULE REPORT (THROUGH ACTIVITY)

Project object	Project object	Project cost sch 000	Actual costs	Start (B)	Finish (B)	Actl.Start	Finish (A)	Work
- 2010 SFER Production	100213	361,534.33 USD	309,020.68 USD	03/02/2009	04/06/2010	03/02/2009	03/09/2010	3,328.0 HR
- 2010 SFER Production	100213	361,534.33 USD	309,020.68 USD	03/02/2009	04/06/2010	03/02/2009	03/09/2010	3,328.0 HR
- Initiation	100213-01	2,876.80 USD	2,655.20 USD	03/02/2009	03/31/2009	03/02/2009	03/23/2009	80.0 HR
-> Project Identification	100213-01-01	0.00 USD	0.00 USD					
-> Risk Assessment	100213-01-02	0.00 USD	0.00 USD					
-> Project Charter	100213-01-03	2,876.80 USD	2,655.20 USD	03/02/2009	03/31/2009	03/02/2009	03/23/2009	80.0 HR
-> Project Charter	4111862	2,876.80 USD	2,655.20 USD	03/02/2009	03/31/2009	03/02/2009	03/23/2009	80.0 HR
-> Create Project Charter	4111862 0010	2,876.80 USD	2,655.20 USD	03/03/2009	03/31/2009	03/02/2009	03/23/2009	80.0 HR
-> Planning	100213-02	4,315.20 USD	3,982.81 USD	03/03/2009	06/30/2009	03/24/2009	06/26/2009	120.0 HR
-> PMP	100213-02-01	4,315.20 USD	3,982.81 USD	03/03/2009	06/30/2009	03/24/2009	06/26/2009	120.0 HR
-> PMP	4111864	4,315.20 USD	3,982.81 USD	03/03/2009	06/30/2009	03/24/2009	06/26/2009	120.0 HR
-> Create PMP	4111864 0010	4,315.20 USD	3,982.81 USD	03/03/2009	05/29/2009	03/24/2009	04/20/2009	120.0 HR
-> MS - Hold Project Kick-Off Meeting	4111864 0020	0.00 USD	0.00 USD		04/15/2009	04/15/2009	04/15/2009	0.0 HR
-> MS - Finalize SOW for Editing Con	4111864 0030	0.00 USD	0.00 USD		06/30/2009	06/26/2009	06/26/2009	0.0 HR
-> MS - Finalize SOW for Peer Review	4111864 0040	0.00 USD	0.00 USD		06/30/2009	06/26/2009	06/26/2009	0.0 HR
-> Prioritization	100213-02-02	0.00 USD	0.00 USD					
-> Preliminary Analysis	100213-02-03	0.00 USD	0.00 USD					
-> Execution	100213-03	352,819.13 USD	301,984.39 USD	03/03/2009	04/06/2010	03/03/2009	03/01/2010	3,088.0 HR
-> Analysis	100213-03-01	0.00 USD	0.00 USD					
-> Design	100213-03-02	0.00 USD	0.00 USD					
-> Development	100213-03-03	352,819.13 USD	301,984.39 USD	03/03/2009	04/06/2010	03/03/2009	03/01/2010	3,088.0 HR
-> FY2009 Draft Volume I	100213-03-03-01	44,403.26 USD	34,999.19 USD	03/03/2009	10/07/2009	03/03/2009	10/07/2009	1,228.0 HR
-> FY2009 Draft Volume I	4111867	44,403.26 USD	34,999.19 USD	03/03/2009	10/07/2009	03/03/2009	10/07/2009	1,228.0 HR
-> Produce Draft Volume I (WQAD Sta	4111867 0010	34,810.31 USD	27,357.73 USD	03/03/2009	09/30/2009	03/03/2009	09/30/2009	1,020.0 HR
-> Internal Labor - S. Ollis	4111867 0010 0020	17,979.99 USD	21,689.70 USD			03/03/2009	09/30/2009	500.0 HR
-> Internal Labor - T. Stein	4111867 0010 0050	8,478.08 USD	1,729.80 USD			03/03/2009	09/30/2009	208.0 HR
-> Internal Labor - N. Yates	4111867 0010 0060	8,352.24 USD	3,938.23 USD			03/03/2009	09/30/2009	312.0 HR
-> MS - Web-Post Draft & Activate	4111867 0070	0.00 USD	0.00 USD		08/28/2009	08/28/2009	08/28/2009	0.0 HR
-> Produce Draft Volume I (ERA Sta	4111867 0090	9,592.95 USD	7,641.46 USD	03/03/2009	09/30/2009	03/03/2009	10/07/2009	208.0 HR
-> Internal Labor - G. Redfield	4111867 0090 0110	5,697.10 USD	6,279.52 USD			03/03/2009	09/30/2009	104.0 HR
-> Internal Labor - L. Davis	4111867 0090 0120	3,895.85 USD	697.76 USD			03/03/2009	09/30/2009	104.0 HR
-> MS - Start Peer Review Process	4111867 0140	0.00 USD	0.00 USD	08/31/2009		08/28/2009	08/28/2009	0.0 HR
-> FY2010 Final Volume I	100213-03-03-02	47,234.62 USD	17,352.27 USD	10/01/2009	03/01/2010	10/01/2009	03/01/2010	1,228.0 HR
-> FY2010 Final Volume I	4111868	47,234.62 USD	17,352.27 USD	10/01/2009	03/01/2010	10/01/2009	03/01/2010	1,228.0 HR
-> Produce Final Volume I (CSI Sta	4111868 0010	37,099.82 USD	13,021.68 USD	10/01/2009	03/01/2010	10/01/2009	03/01/2010	1,020.0 HR
-> Internal Labor - S. Ollis	4111868 0010 0020	19,040.01 USD	8,098.37 USD			10/01/2009	02/26/2010	500.0 HR
-> Internal Labor - T. Stein	4111868 0010 0050	8,993.91 USD	691.92 USD			10/01/2009	02/26/2010	208.0 HR
-> Internal Labor - N. Yates	4111868 0010 0060	9,065.90 USD	4,231.39 USD			10/01/2009	02/26/2010	312.0 HR
-> MS - Complete Peer Review Proce	4111868 0070	0.00 USD	0.00 USD		11/13/2009	11/12/2009	11/12/2009	0.0 HR
-> MS - Complete Final Vol. I Deli	4111868 0080	0.00 USD	0.00 USD		03/01/2010	02/23/2010	02/23/2010	0.0 HR
-> Produce Final Volume I (RS Staf	4111868 0090	6,010.15 USD	4,286.98 USD	10/01/2009	03/01/2010	10/01/2009	03/01/2010	104.0 HR
-> Internal Labor - G. Redfield	4111868 0090 0110	6,010.15 USD	4,286.98 USD			10/01/2009	02/26/2010	104.0 HR
-> Produce Final Volume I (PCF Sta	4111868 0140	4,124.65 USD	43.61 USD	10/01/2009	03/01/2010	10/01/2009	03/01/2010	104.0 HR
-> Internal Labor - L. Davis	4111868 0140 0150	4,124.65 USD	43.61 USD			10/01/2009	02/26/2010	104.0 HR



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

WBS TABULAR COST & SCHEDULE REPORT (THROUGH ACTIVITY LEVEL) – CONTINUED

Project object	Project object	Project cost sch 000	Actual costs	Start (B)	Finish (B)	Actl. Start	Finish (A)	Work
-- FY2010 Final Volume II	100213-03-03-03	8,453.76 USD	4,314.70 USD	10/01/2009	03/01/2010	10/01/2009	02/23/2010	222.0 HR
-- FY2010 Final Volume II	4111871	8,453.76 USD	4,314.70 USD	10/01/2009	03/01/2010	10/01/2009	02/23/2010	222.0 HR
-- Produce Final Volume II - S. 01	4111871 0010	8,453.76 USD	4,314.70 USD	10/01/2009	03/01/2010	10/01/2009	02/23/2010	222.0 HR
-- MS - Web-Post Draft Ch. 6A	4111871 0020	0.00 USD	0.00 USD		10/15/2009	10/15/2009	10/15/2009	0.0 HR
-- MS - Receive GB Approval for Ch	4111871 0030	0.00 USD	0.00 USD		10/15/2009	10/15/2009	10/15/2009	0.0 HR
-- MS - Receive GB Approval for Ch	4111871 0040	0.00 USD	0.00 USD		11/13/2009	12/10/2009	12/10/2009	0.0 HR
-- MS - Receive GB Approval for Ch	4111871 0050	0.00 USD	0.00 USD		12/10/2009	12/10/2009	01/14/2010	0.0 HR
-- MS - Complete Final Vol. II Del	4111871 0060	0.00 USD	0.00 USD		03/01/2010	02/23/2010	02/23/2010	0.0 HR
-- MS - Receive GB Approval for Ch	4111871 0070	0.00 USD	0.00 USD	01/14/2010	01/14/2010	01/13/2010	01/13/2010	0.0 HR
-- FY2010 Final Executive Summary	100213-03-03-04	12,566.40 USD	10,654.03 USD	10/01/2009	03/01/2010	10/01/2009	02/26/2010	330.0 HR
-- FY2010 Final Executive Summary	4111872	12,566.40 USD	10,654.03 USD	10/01/2009	03/01/2010	10/01/2009	02/26/2010	330.0 HR
-- Produce Final Ex-S - S. 011is	4111872 0010	12,566.40 USD	10,654.03 USD	10/01/2009	03/01/2010	10/01/2009	02/26/2010	330.0 HR
-- MS - Finalize SOW for Graphic D	4111872 0020	0.00 USD	0.00 USD		10/16/2009	10/13/2009	10/13/2009	0.0 HR
-- MS - Submit Final Ex-S to Print	4111872 0030	0.00 USD	0.00 USD		01/25/2010	01/25/2010	01/26/2010	0.0 HR
-- MS - Complete Final Ex-S Delive	4111872 0040	0.00 USD	0.00 USD		03/01/2010	02/23/2010	02/23/2010	0.0 HR
-- FY2009 & FY2010 Contracts	100213-03-03-05	240,161.09 USD	234,664.20 USD	06/01/2009	04/06/2010	06/26/2009	02/23/2010	80.0 HR
-- GSA Technical Editing Services	4111875	174,240.00 USD	171,090.00 USD	07/20/2009	01/13/2010	07/20/2009	01/13/2010	
-- FY2009 GSA Contract (Jul-Sep)	4111875 0070	74,880.00 USD	71,730.00 USD	07/20/2009	09/30/2009	07/20/2009	09/30/2009	
-- FY2010 GSA Contract (Oct-Jan)	4111875 0080	99,360.00 USD	99,360.00 USD	10/01/2009	01/13/2010	10/01/2009	01/13/2010	
-- Peer Review Services (FY2010)	5000149	2,557.00 USD	2,557.00 USD	10/26/2009	11/13/2009	10/26/2009	11/13/2009	
-- FY2010 GB Presentation - Dr. Bu	5000149 0010	2,557.00 USD	2,557.00 USD	10/26/2009	11/13/2009	10/26/2009	11/13/2009	
-- Ex-S Graphic Design Services	5000150	14,400.00 USD	12,375.00 USD	10/12/2009	02/12/2010	10/12/2009	02/12/2010	
-- FY2010 Ex-S Graphic Design	5000150 0010	14,400.00 USD	12,375.00 USD	10/12/2009	02/12/2010	10/12/2009	02/12/2010	
-- Ex-S Printing Services	5000151	16,287.00 USD	16,287.00 USD	01/25/2010	02/26/2010	01/25/2010	02/19/2010	
-- FY2010 Ex-S Printing	5000151 0010	16,287.00 USD	16,287.00 USD	01/25/2010	02/26/2010	01/25/2010	02/19/2010	
-- Peer Review Services (FY2009)	5000172	29,700.00 USD	29,700.00 USD	08/31/2009	10/23/2009	08/31/2009	10/23/2009	
-- FY2009 Peer Review - Dr. Armstr	5000172 0200	4,950.00 USD	4,950.00 USD	08/31/2009	10/23/2009	08/31/2009	10/23/2009	
-- FY2009 Peer Review - Dr. Burger	5000172 0210	4,950.00 USD	4,950.00 USD	08/31/2009	10/23/2009	08/31/2009	10/23/2009	
-- FY2009 Peer Review - Dr. Burkho	5000172 0220	4,950.00 USD	4,950.00 USD	08/31/2009	10/23/2009	08/31/2009	10/23/2009	
-- FY2009 Peer Review - Dr. Stein	5000172 0230	4,950.00 USD	4,950.00 USD	08/31/2009	10/23/2009	08/31/2009	10/23/2009	
-- FY2009 Peer Review - Dr. van Do	5000172 0240	4,950.00 USD	4,950.00 USD	08/31/2009	10/23/2009	08/31/2009	10/23/2009	
-- FY2009 Peer Review - Dr. Ward	5000172 0250	4,950.00 USD	4,950.00 USD	08/31/2009	10/23/2009	08/31/2009	10/23/2009	
-- PM Contract Oversight	5000173	2,977.09 USD	2,655.20 USD	06/01/2009	04/06/2010	06/26/2009	02/23/2010	80.0 HR
-- Execute Contracts - S. 011is	5000173 0010	2,977.09 USD	2,655.20 USD	06/01/2009	04/06/2010	06/26/2009	02/23/2010	80.0 HR
--> Test	100213-03-04	0.00 USD	0.00 USD					
--> Deploy	100213-03-05	0.00 USD	0.00 USD					
--> Engineering Design	100213-04	0.00 USD	0.00 USD					
--> Basis of Design	100213-04-01	0.00 USD	0.00 USD					
--> Preliminary Design	100213-04-02	0.00 USD	0.00 USD					
--> Intermediate Design	100213-04-03	0.00 USD	0.00 USD					
--> Final Design	100213-04-04	0.00 USD	0.00 USD					
--> Construction	100213-05	0.00 USD	0.00 USD					
--> Contracts	100213-05-01	0.00 USD	0.00 USD					
--> Commissioning	100213-05-02	0.00 USD	0.00 USD					
--> Closeout	100213-06	1,523.20 USD	398.28 USD	01/25/2010	03/31/2010	01/25/2010	03/09/2010	40.0 HR
--> Customer Acceptance	100213-06-01	0.00 USD	0.00 USD					
--> Procurement Activities	100213-06-02	0.00 USD	0.00 USD					
--> Documentation	100213-06-03	1,523.20 USD	398.28 USD	01/25/2010	03/31/2010	01/25/2010	03/09/2010	40.0 HR
--> Documentation	4111873	1,523.20 USD	398.28 USD	01/25/2010	03/31/2010	01/25/2010	03/09/2010	40.0 HR
--> Close Project - S. 011is	4111873 0010	1,523.20 USD	398.28 USD	01/25/2010	03/31/2010	01/25/2010	03/09/2010	40.0 HR



SOUTH FLORIDA WATER MANAGEMENT DISTRICT GANTT CHART (BY WBS THROUGH ACTIVITY LEVEL)

Project object	Project object	Start (	Finish (	Start (a	1 2 3 4 1											
					Feb	March	April	May	June	July	August	Sept	October	Nov	Dec	Jan	Feb
					07	11	15	19	23	27	31	05	09	13	17	21	25	29
2010 SFER Production	100213	03/02/2	04/06/2	03/02/2	2009												
2010 SFER Production	100213	03/02/20	04/06/20	03/02/20	04/10/2009												
Initiation	100213-01	03/02/20	03/31/20	03/02/20													
Project Identification	100213-01-01																
Risk Assessment	100213-01-02																
Project Charter	100213-01-03	03/02/20	03/31/20	03/02/20	2009												
Project Charter	4111862	03/02/20	03/31/20	03/02/20	2009												
Create Project Charter	4111862 0010	03/03/20	03/31/20	03/02/20	2009												
Planning	100213-02	03/03/20	06/30/20	03/24/20	04/06/2009												
PMP	100213-02-01	03/03/20	06/30/20	03/24/20	03/24/2009												
PMP	4111864	03/03/20	06/30/20	03/24/20	2009												
Create PMP	4111864 0010	03/03/20	06/29/20	03/24/20	2009												
MS - Hold Project Kick-Off Meeting	4111864 0020		04/15/20	04/15/20	04/15/2009												
MS - Finalize SOW for Editing Contract	4111864 0030		06/30/20	06/26/20	06/26/2009												
MS - Finalize SOW for Peer Review Pa	4111864 0040		06/30/20	06/26/20	06/26/2009												
Prioritization	100213-02-02																
Preliminary Analysis	100213-02-03																
Execution	100213-03	03/03/20	04/06/20	03/03/20	04/10/2009												
Analysis	100213-03-01																
Design	100213-03-02																
Development	100213-03-03	03/03/20	04/06/20	03/03/20	04/10/2009												
FY2009 Draft Volume I	100213-03-03-01	03/03/20	10/07/20	03/03/20	2009												
FY2009 Draft Volume I	4111867	03/03/20	10/07/20	03/03/20	2009												
Produce Draft Volume I (WQAD Staff)	4111867 0010	03/03/20	09/30/20	03/03/20	2009												
Internal Labor - S. Ollis	4111867 0010 0020			03/03/200	2009												
Internal Labor - T. Stein	4111867 0010 0050			03/03/200	2009												
Internal Labor - N. Yates	4111867 0010 0060			03/03/200	2009												
MS - Web-Post Draft & Activate WebBo	4111867 0070		08/28/20	08/28/20	08/28/2009												
Produce Draft Volume I (ERA Staff)	4111867 0090	03/03/20	09/30/20	03/03/20	2009												
Internal Labor - G. Redfield	4111867 0090 0110			03/03/200	2009												
Internal Labor - L. Davis	4111867 0090 0120			03/03/200	2009												
MS - Start Peer Review Process	4111867 0140	08/31/20		08/28/20	08/28/2009												
FY2010 Final Volume I	100213-03-03-02	10/01/20	03/01/20	10/01/20	10/01/2009												
FY2010 Final Volume I	4111868	10/01/20	03/01/20	10/01/20	10/01/2009												
Produce Final Volume I (CSI Staff)	4111868 0010	10/01/20	03/01/20	10/01/20	10/01/2009												
Internal Labor - S. Ollis	4111868 0010 0020			10/01/200	10/01/2009												
Internal Labor - T. Stein	4111868 0010 0050			10/01/200	10/01/2009												
Internal Labor - N. Yates	4111868 0010 0060			10/01/200	08/28/2009												
MS - Complete Peer Review Process	4111868 0070		11/13/20	11/12/20	11/12/2009												
MS - Complete Final Vol. I Deliverable	4111868 0080		03/01/20	02/23/20	02/23/2010												
Produce Final Volume I (RS Staff)	4111868 0090	10/01/20	03/01/20	10/01/20	10/01/2009												
Internal Labor - G. Redfield	4111868 0090 0110			10/01/200	10/01/2009												



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

GANTT CHART (BY WBS THROUGH ACTIVITY LEVEL) – CONTINUED

WBS ID	Activity Name	Start Date	End Date	Actual Start	Actual End	Progress
MS - Web-Post Draft Ch. 6A	4111871 0020	10/15/20	10/15/20			10/19/2009
MS - Receive GB Approval for Ch. 3	4111871 0030	10/15/20	10/15/20			10/19/2009
MS - Receive GB Approval for Ch. 5A	4111871 0040	11/13/20	12/10/20			12/18/2009
MS - Receive GB Approval for Ch. 6A	4111871 0050	12/10/20	12/10/20			12/18/2009
MS - Complete Final Vol. II Deliverable	4111871 0060	03/01/20	02/23/20			03/29/2010
MS - Receive GB Approval for Ch. 4 &	4111871 0070	01/14/20	01/14/20	01/13/20		01/19/2010
FY2010 Final Executive Summary	100213-03-03-04	10/01/20	03/01/20	10/01/20		10/05/2009
FY2010 Final Executive Summary	4111872	10/01/20	03/01/20	10/01/20		
Produce Final Ex-S - S. Ollis	4111872 0010	10/01/20	03/01/20	10/01/20		10/03/2009
MS - Finalize SOW for Graphic Design	4111872 0020		10/16/20	10/13/20		10/19/2009
MS - Submit Final Ex-S to Printer	4111872 0030		01/25/20	01/25/20		01/29/2010
MS - Complete Final Ex-S Deliverable	4111872 0040		03/01/20	02/23/20		03/29/2010
FY2009 & FY2010 Contracts	100213-03-03-05	06/01/20	04/06/20	06/26/20		09/31/2009
GSA Technical Editing Services	4111875	07/20/20	01/13/20	07/20/20		
FY2009 GSA Contract (Jul-Sep)	4111875 0070	07/20/20	09/30/20	07/20/20		07/29/2009
FY2010 GSA Contract (Oct-Jan)	4111875 0080	10/01/20	01/13/20	10/01/20		10/01/2009
Peer Review Services (FY2010)	5000149	10/26/20	11/13/20	10/26/20		
FY2010 GB Presentation - Dr. Burkhold	5000149 0010	10/26/20	11/13/20	10/26/20		10/29/2009
Ex-S Graphic Design Services	5000150	10/12/20	02/12/20	10/12/20		
FY2010 Ex-S Graphic Design	5000150 0010	10/12/20	02/12/20	10/12/20		10/12/2009
Ex-S Printing Services	5000151	01/25/20	02/26/20	01/25/20		
FY2010 Ex-S Printing	5000151 0010	01/25/20	02/26/20	01/25/20		01/29/2010
Peer Review Services (FY2009)	5000172	08/31/20	10/23/20	08/31/20		
FY2009 Peer Review - Dr. Armstrong	5000172 0200	08/31/20	10/23/20	08/31/20		09/01/2009
FY2009 Peer Review - Dr. Burger	5000172 0210	08/31/20	10/23/20	08/31/20		09/01/2009
FY2009 Peer Review - Dr. Burkholder	5000172 0220	08/31/20	10/23/20	08/31/20		09/01/2009
FY2009 Peer Review - Dr. Stein	5000172 0230	08/31/20	10/23/20	08/31/20		09/01/2009
FY2009 Peer Review - Dr. van Donk	5000172 0240	08/31/20	10/23/20	08/31/20		09/01/2009
FY2009 Peer Review - Dr. Ward	5000172 0250	08/31/20	10/23/20	08/31/20		09/01/2009
PM Contract Oversight	5000173	06/01/20	04/06/20	06/26/20		
Execute Contracts - S. Ollis	5000173 0010	06/01/20	04/06/20	06/26/20		09/29/2009
Test	100213-03-04					
Deploy	100213-03-05					
Engineering Design	100213-04					
Basis of Design	100213-04-01					
Preliminary Design	100213-04-02					
Intermediate Design	100213-04-03					
Final Design	100213-04-04					
Construction	100213-05					
Contracts	100213-05-01					
Commissioning	100213-05-02					
Closeout	100213-06	01/25/20	03/31/20	01/25/20		01/29/2010
Customer Acceptance	100213-06-01					
Procurement Activities	100213-06-02					
Documentation	100213-06-03	01/25/20	03/31/20	01/25/20		01/29/2010
Documentation	4111873	01/25/20	03/31/20	01/25/20		
Close Project - S. Ollis	4111873 0010	01/25/20	03/31/20	01/25/20		01/29/2010
Personnel Actions	100213-06-04					