

**RECOVER Action Items and Results**  
**RECOVER LEADERSHIP GROUP**  
Updated July 06, 2001

#	Action Item	Lead Persons/ Teams	Interim Dates	Target & Completion Dates	Comments
A. RECOVER Leadership Group (J. Ogden, S. Appelbaum, co-chairs)					
A1	RECOVER Partnership Agreement (MOU)	J Ogden	Draft to WG on May 23; to DCT on Jul 9 2001.	Review by F. Finch on June 27, to WG on July 24	Designed to define roles & participation by all agencies in RECOVER.
A2	Program Management Plan	A Mclean & R Reed	GB on April 11, PRB on May 10.	Sig. By Finch on 04/27/01	3 year work plan for RECOVER (01-03)
A3	CERP annual Report Card	J Ogden & A McLean	Public workshop June 6; Present to WG on Jul 24; Complete draft on Sep 04, 01	Issue 2001 CERP Report Card by Oct 26, 2001.	Report to public on progress and success of CERP.
A4	"Defining Success" workshop	J Ogden	Initial Workshop in Sep 2001.		Improve general understandings & definitions of successful ecosystem restoration.
A5	Procurement Strategy	E. Kurzbach, L. Lindstrom, & S. Appelbaum	Priorities: SOW for tech editing & production of M&A plan by Jun 2001; SOW for overall coord. of monit & data-mgmt by June 21.	Baseline & existing monitoring on fast track.	Overall procurement strategy for RECOVER developed by Leadership Group.
A6	RECOVER "standard operating procedures" guidebook	S. Appelbaum & J. Ogden	1st draft by June 21; new benchmark protocol initiated June 21.	Initial S.O.P. documents developed by RECOVER teams by 2001.	Describes RECOVER protocols for re-occurring tasks.
A7	Interim Goals White Paper	S. Appelbaum, J. Ogden & S. Gray	Outline by Jul 23, 2001; 1st draft workshop on Aug 15, 2001	1st draft for review Sep 2001	A white paper describing how interim goals will be set for CERP performance measures.

**RECOVER Action Items and Results**  
**Adaptive Assessment Team**  
Updated June 26, 2001

#	Action Item	Lead Persons/ Teams	Interim Dates	Target & Completion Dates	Comments
B. Adaptive Assessment Team (S. Gray, E. Kurzbach, L. Brandt, tri-chairs)					
B1	Monitoring and Assessment Plan	AAT editorial team	First draft Feb 9, 2001; second draft Mar 29, 2001	Final draft Feb 2002; Final document June 2002	
B2	Monitoring Plan – SOW to identify existing baseline data and Monitoring and review other monitoring programs	L. Lindstrom; E. Kurzbach	First draft 3/8/01 Second draft Apr 17, 2001 Final draft May 22, 2001	Jul 2001	In USACE procurement process
B3	Monitoring Plan – coordinate independent peer review by SCT	J. Ogden	Provide to SCT on Jul 15, 2001	Sep 2001	SCT to assist with coordination of independent peer with CROGEE
B4	Integration of performance measures and research needs	L. Brandt S. Davis	Reported on all but 2 models Apr 17, 2001; draft report to AAT on Jun 26, 2001	Aug 2001	
B5	Adaptive assessment process white paper	S. Davis S. Gray E. Kurzbach	First draft late August 2001		To be included in CERP Programmatic Regs
B6	Interim Goals white paper – AAT outline	S. Gray	Draft Jul 23, 2001	Dec 2001	RECOVER Leadership Group has lead
B7	Monitoring Plan review by all agencies & NGOs	J. Ogden		May 15, 2001	COMPLETE
B8	Monitoring Plan design technical workshop	R. Best		Oct 2001	
B9	Total System Conceptual Model	J. Ogden	Aug 2001		
B10	NASA Proposal	S Gray	May 1, 2001 planning meeting	Jul 13, 2001	Abstract shortlisted. Full proposal due Jul 16, 2001
B11	Adaptive Assessment Annual Report	L Brandt S Gray E Kurzbach	tbd		First report will provide status of without project conditions
B12	MAP review comments response matrix	S. Gray E. Kurzbach	Jun 26, 2001	Aug 16, 2001	Once matrix complete, will assign responses to appropriate staff

B13	MAP review comments response document	S. Gray E. Kurzbach	Oct 2001		
B14	CROGEE review comments on MAP	AAT Editorial Team	Dec 2001		CROGEE meeting September 2001; initial questions received via letter on 06/25/01
B15	Technical editing assistance SOW	E. Kurzbach	Dec 2001	Jun 2002	To assist with final version of MAP
B16	Adaptive Assessment detailed procedures	L. Brandt S. Davis	Feb 2002		
B17	MAP Implementation support SOW	L. Lindstrom	Jul 26, 2001		Entity to help facilitate and coordinate monitoring efforts between agencies, etc.
B18	MAP public/agency/NGO workshop	E. Kurzbach L. Brandt S. Gray		Mar 2002	
B19	MAP QA/QC document	M. Cheesman	Dec 2001	Jun 2002	
B20	Capture baseline and existing data into CERP data base	CERP Database Project Managers		tbd	

**RECOVER Action Items and Results**  
**Regional Evaluation Team**  
Updated July 11, 2001

#	Action Item	Lead Persons/ Teams	Interim Dates	Target & Completion Dates	Comments
C. Regional Evaluation Team (B. Mills, C. Buckingham, J. Walsh, tri-chairs)					
C1	Document Greater Everglades PM	J Walsh B Mills C Buckingham	Meeting May 17, 2001	Aug 14, 2001	Meeting held, May 17, 2001. Tasks assigned
C2	Document Indicator Region update	B Mills C Buckingham	Meeting May 17, 2001	July 30, 2001	
C3	Evaluation Report SOP	B Mills C Buckingham	Receive 2 <sup>nd</sup> comments RLG & RET Jun 29, 2001		Sent to RET for comment. Comments due Jun 29, 2001.
C4	Revise Marl Prairie PM	S Mitchell C Buckingham	Discuss at Aug 1 mtg	Oct 01, 2001	
C5	Revise LOSA/LECSA PM	C Woehlicke B Mills		Oct 01, 2001	
C6	Revise Tree Island PM	J Walsh C Buckingham	Present alternatives Aug 14 RET		
C7	Review Biscayne Bay PM	R Alleman B Mills	Draft Aug 14, 2001	Oct 01, 2001	Rick's work program includes obtaining data to revise flow targets.
C8	Review Everglades Flow PM for additions	S Mitchell C Buckingham	Tentative date of Sept 2001	Oct 01, 2001	Hold Flow workshop prior to Uncertainty workshop
C9	Work with MRT to update Web Page & PM graphics	B Mills	RET/MRT mtg Jul 9, 2001	Dec 01, 01	Will post to Internet in Sept for 1 <sup>st</sup> full review
C10	CSOP Reviews	B Mills C Buckingham	Fall '01		Review date may change
C11	Finalize IRL & WPA Regional Evaluations – including WQ addendum for WPA	B Mills C Buckingham E Hughes	Hughes to finalize WQ by Jun 30, 2001.	Jun 2001- WQ May 2001 – all	COMPLETE except for WPA WQ report
C12	Distribute PM Doc sheets, PM Table & graphics to RET for approval/refinement	B Mills C Buckingham	May 14, 2001 completed copying	Mailed wk of May 14, 2001 2 <sup>nd</sup> mailing Jun 14, 2001	COMPLETE
C14	Review total system PM	C Buckingham J Ogden	Conditional modifications due Sep 01	Oct 01, 2001	
C15	Develop PM for Mangrove Transition Zone	T Schmidt		Oct 01, 2001	
C16	Review PM for Model Lands	G Burzycki		Oct 01, 2001	



**RECOVER Action Items and Results**  
**Model Development and Refinement Team**  
Updated July 9, 2001

#	Action Item	Lead Persons/ Teams	Interim Dates	Target & Completion Dates	Comments
E. Model Development and Refinement Team (K. Tarboton, M. Choate, S. Mitchell, tri-chairs)					
E1	Model documentation				Subtasks a-c to document models used in Restudy to develop CERP.
E1a	Metadata	James, Fitz, Tarboton, DeAngelis Van Zee	May 14, 2001	Sept1, 2001	Establish baseline metadata by target date. Will be ongoing process thereafter. Model leads to provide metadata to USGS (Sofia).
E1b	Directory file structure	Akin Owosina	Aug 1, 2001	Dec 1, 2001	To determine requirements to run each model to facilitate future links between models.
E1c	Source code documentation	Sherry Mitchell	Progress update, Aug 1, 2001	Sep 1, 2001	Develop guidelines for source code documentation
E2	Uncertainty Workshop	Choate, Van Zee James	Strawman proposal at Jul 9, 2001 meeting.	Sep 1, 2001. Hold uncertainty workshop	Address general uncertainty in model output and uncertainty of specific performance measures in particular indicator regions.
E3a	Upgrade SFWMM	Ken Tarboton	Progress report 08/01	12/01	SFWMM 2000 includes extended climatic data, updated topo and land use etc.
E3b	SFWMM update protocol	Ken Tarboton Sherry Mitchell Mike Chaote Agnes McClean	Draft to RLG Aug 1, 2001		Get together with CPR on task D4. Define how model, model simulations and CERP are updated and how these work together.
E4	245K and appropriate use of NSM	Sherry Mitchell	Progress to RLG May 16, 2001	To RLG July 23, 2001	Define issues that need to be addressed for (before) Feasibility Study of 245K.
E5a	Web page development	Ken Tarboton	Progress May 14, 2001 MRT  Beta presentation – July 9, 2001	Aug 1, 2001	New database linked web page for RECOVER Regional model performance measures, indicators, model output and source code.
E5b	Web page protocol	Ken Tarboton	Draft to RLG by Jul 18, 2001.		Develop protocol to keep track of how different model runs are kept separate. How are

					different versions clear to the user?
E6	Topo collation	Choate, Mitchell, Tarboton, Swain Sobczak	Progress Mar 22, 2001	TBD	Collate topo data from different agencies so latest topo can be used in upcoming modeling efforts
E7	Develop list of hydrologic PMs for RET	Van Lent	Aug 2001		Develop list of hydrologic indicators that could be used to characterize performance in addition to performance measures



**RECOVER Action Items and Results**  
**Water Quality Team**  
Updated July 9, 2001

#	Action Item	Lead Persons/ Teams	Interim Dates	Target & Completion Dates	Comments
G. Water Quality Team (L. Lindstrom, J. Hess, E. Hughes, tri-chairs)					
G1	Refine List of WQ PMs	WQ Team/ Conceptual Model Leads	Apr 9, 2001	May 31, 2001	Working with conceptual model leads. G Shih compiled TP performance measures into one matrix- review 5/31
G2	Incorporate wq pms into conceptual ecological models	WQ Team	May 31, 2001 meeting presentation	Jun 15, 2001	
G3	Obtain Meeting Admin Support	RLG Chairs		Jul 15, 2001	Bi-monthly meetings or as needed
G4	Develop wq component of CERP M&A Plan	WQT Chairs w/ AAT Editorial Team	Draft Jan 31, 2001	Sep 30, 2001	Waiting on final list of pms to finalize plan
G5	Develop implementation plan for wq component of CERP M&A Plan	WQT Chairs, Cheesman with AAT	Draft Jun 30, 2001	Jul 31, 2001	Provide more detailed step-by-step process
G6	Design water quality network for CERP monitoring program	WQT/AAT	Proposal Oct 31, 2001	Dec 31, 2001	Obtain assistance from qualified contractor
G7	Establish water quality data qa/qc and evaluation protocol/methodology for RECOVER and CERP projects	Lindstrom, Cheesman, Bechtel, Ivanoff, Metzler	Draft Jul 31, 2001	Aug 31, 2001	Review and possibly incorporate SOPs currently in place.
G8	Develop system-wide water quality permitting strategy	Hughes, Metzler, Lindstrom, Goforth	Draft Jun 5, 2001 for DCT	Jul 5, 2001 ON HOLD	Draft prepared by G. Goforth; undergoing review; discuss at 5/31 WQT meeting
G9	Determine role of WQT and operating procedures in regional evaluation process	WQT Chairs	Draft May 18, 2001	May 31, 2001	Work with RET chairs; Draft SOP submitted incorporating WQT into Regional Evaluation Report Process
G10	Develop Outline for Regional Water Quality Evaluation Reports	F. Metzler	Proposed outline May 31, 2001	Jun 30, 01	F. Metzler provided suggested outline for consideration; WQT to review and comment
G11	Conduct WQ Evaluation: Indian River Lagoon	G. Graves K. Konyha		Apr 30, 2001	Completed
G12	Conduct WQ Evaluation: Water Preserve Area	S Kone E. Hughes S. Sudderfield	May 23, 2001 – Draft presented to WPA WQT	May 30, 2001	Draft submitted to WPA WQT for review; submit comments to S. Kone by 5/29
G13	Conduct WQ Evaluation: Modified Water Deliveries	Cheesman, Rudnick	Jun 1, 2001 Aug 2, 2001	Sep 1, 2001	Get information from RET on schedule and process

G14	Determine which Critical Projects require WQ Evaluations	WQT Chairs		Jul 30, 2001	
G15	Establish procedures for updating project-related wq baseline data for regional evaluations	WQT/TBD	Aug 30, 2001	Sep 30, 2001	Baseline data used for Restudy may be out of date.
G16	Identify wq hypothesis driven studies for FY03	WQT TBD w/ conceptual model leads		Oct 31, 2001	
G17	Prepare wq section of Annual Assessment Report	WQT/AAT -TBD	Draft Sep 30, 2001	Nov 1, 2001	
G18	Conduct wq baseline data inventory	WQT and AAT	Solicitation Jun 1, 2001	Dec 31, 2001	SOW for contractor finalized; USACE to issue solicitation 6/1
G19	Determine procedures for WQT interaction with SF WQ Protection Program and Feasibility Study	E. Hughes, F. Metzler, J. Hess	Draft Jun 15, 2001	Jul 15, 2001	SFWQPP meeting Jun 5, 2001
G20	Maintain list of unresolved issues	WQT Chairs	On-going	On-going	
G21	Establish procedures on issues resolution.	WQT Chairs	Jul 31, 2001	Aug 14, 2001	
G22	Establish procedures for interaction with MRT on refinement of wq models	C. Fitz, G. Graves and T. James	Jul 31, 2001	Aug 31, 2001	
G23	Review WQ Monitoring Plans for CERP PMPs and PIRs	WQ Team-TBD	On-going	On-going	