



DEPARTMENT OF THE ARMY

MISSISSIPPI VALLEY DIVISION, CORPS OF ENGINEERS

P.O. BOX 80

VICKSBURG, MISSISSIPPI 39181-0080

REPLY TO
ATTENTION

3 DEC 2014

CEMVD-PD-SP

MEMORANDUM FOR Commander, St. Louis District

SUBJECT: Review Plan Approval for Upper Mississippi River Restoration (formally known as the Environmental Management Program) Godar Glades Wetland Complex Habitat Rehabilitation and Enhancement Project

1. References:

a. Memorandum, CEMVS-PM-F, 20 October 2014, subject: Request for Approval of the Upper Mississippi River Restoration (formerly known as the Environmental Management Program) Godar Glades Wetland Complex Habitat Rehabilitation and Enhancement Project Review Plan (encl 1).

b. Memorandum, CEMVD-RB-T, 12 November 2014, subject: Review Plan (RP) Upper Mississippi River Restoration, Godar Glades Wetland Complex Habitat Rehabilitation and Enhancement Project (encl 2).

c. Memorandum, CECW-MVD, 16 May 2012, subject: Request for Approval of a Model Peer Review Plan for the Upper Mississippi River System Environmental Management Program (encl 3).

d. EC 1165-2-214, 15 December 2012, subject: Civil Works Review Policy.

2. The enclosed Review Plan (encl 4) is a combined decision document and implementation document review plan. It includes the MVD Review Plan Checklist for EMP and has been prepared in accordance with EC 1165-2-214. The RP has been coordinated with the Upper District Support Team and the Business Technical Division, who concurred with the plan in reference 1.b.


CEMVD-PD-SP

SUBJECT: Review Plan Approval for Upper Mississippi River Restoration (formally known as the Environmental Management Program) Godar Glades Wetland Complex Habitat Rehabilitation and Enhancement Project

3. MVD hereby approves the RP for Godar Glades Wetland Complex Habitat Rehabilitation and Enhancement Project, which is subject to change as circumstances require, consistent with study development under the Project Management Business Process. Any subsequent revisions to this RP or its execution will require new written approval from this office. Non-substantive changes to this RP do not require further approval. The District should post the approved RP to its web site.

4. The MVD point of contact for this action is [REDACTED]
[REDACTED], CEMVD-PD-SP, at [REDACTED].

4 Encls

 [REDACTED]
Director of Programs



DEPARTMENT OF THE ARMY
ST. LOUIS DISTRICT, CORPS OF ENGINEERS
1222 SPRUCE STREET
ST. LOUIS MO 63103-2833

OCT 20 2014

CEMVS-PM-F

MEMORANDUM FOR Commander, Mississippi Valley Division, (CEMVD-PD-SP/ [REDACTED])
[REDACTED], 1400 Walnut Street, Vicksburg, MS 39181-0080

SUBJECT: Request for Approval of the Upper Mississippi River Restoration (formerly known as the Environmental Management Program) Godar Glades Wetland Complex Habitat Rehabilitation and Enhancement Project Review Plan

1. The purpose of this memorandum is to request approval for the subject Model Review Plan with the MVD Upper Mississippi River Restoration (Environmental Management Program) Review Plan Checklist (Encl 1) for Godar Glades Wetland Complex Habitat Rehabilitation and Enhancement Project. The Model review Plan includes both the feasibility report (decision document) and Plans and Specification documentation (implementation product). An electronic copy of the subject Review Plan with MVD UMRR (EMP) Review Plan Checklist has been sent to Mr. Philip Hollis, CEMVD.

2. Questions regarding this matter should be directed to [REDACTED] Program Manager, at [REDACTED] or by email at [REDACTED]

Encl

COL, EN
Commanding

ENC 1

CEMVD-RB-T

12 Nov 14

MEMORANDUM FOR CEMVD-PD-SP [REDACTED]

SUBJECT: Review Plan (RP) Upper Mississippi River Restoration,
Godar Glades Wetland Complex Habitat Rehabilitation and
Enhancement Project.

1. Reference documents, subject as above.
2. This office concurs with subject Review Plan.
3. RB-T point of contact is [REDACTED]

[REDACTED]
Chief, Business Technical
Division

ENC 2



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
WASHINGTON, D.C. 20314-1000

CECW-MVD

MAY 16 2012

MEMORANDUM FOR Commander, U.S. Army Corps of Engineers, Mississippi Valley
Division (ATTN: CEMVD-PD-SP)

SUBJECT: Request for Approval of a Model Peer Review Plan for the Upper Mississippi River
System Environmental Management Program

1. HQUSACE has reviewed the draft model peer review plan for the Upper Mississippi River System Environmental Management Program. The model peer review plan is consistent with programmatic review plans developed and in use for the Continuing Authorities Program. The model Peer Review Plan is to be used for all projects within the program except those that include an Environmental Impact Statement or that meet the mandatory triggers for Type I IEPR as stated in EC 1165-2-209.

2. Questions or concerns should be directed to [REDACTED] Deputy Chief, Mississippi Valley Division Regional Integration Team, at [REDACTED]

FOR THE COMMANDER:

[REDACTED]
Chief, Planning and Policy Division
Directorate of Civil Works

Encl 3

Upper Mississippi River Restoration (UMRR)
[Formerly known as Environmental Management Program (EMP)]
and
Referencing the UMRR-EMP Programmatic Review Plan

Godar Glades Wetland Complex
Calhoun and Jersey Counties, Illinois– Illinois River
River Mile 12 - 31
St. Louis District

MSC Approval Date: Pending
Last Revision Date: None



**US Army Corps
of Engineers ®**

ENC 4

**Review Plan
Using the MVD Model Review Plan**

**Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31**

TABLE OF CONTENTS

1. Purpose and Requirements	1
2. Review Management Organization (RMO) Coordination	2
3. Project Information	
4. District Quality Control (DQC)	2
5. Agency Technical Review (ATR)	3
6. Independent External Peer Review (IEPR)	3
7. Policy And Legal Compliance Review	3
8. Cost Engineering Directory of Expertise (DX) Review And Certification	3
9. Model Certification and Approval	4
10. Review Schedules And Costs	4
11. Public Participation.	5
12. Review Plan Approval And Updates	6
13. Review Plan Points of Contact	6
Attachment 1: Team Rosters	7
Attachment 2: Review Plan Revisions	10
Attachment 3: UMRR (EMP) Review Plan Checklist	11
Attachment 4: ATR Certification	16

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

1. Purpose and Requirements

a. Purpose

This Review Plan defines the scope and level of peer review for the *Upper Mississippi River Restoration (formerly known as the Environmental Management Program) HREP Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois, Illinois River Miles 12-31. Public Law 99-662 of the 1986 WRDA, as amended, authorizes the US Army Corps of Engineers (USACE) to study, design, and construct habitat rehabilitation and enhancement projects (HREP) on the Upper Mississippi River system without specific Congressional authorization.*

This Review Plan is for the Godar Glades Wetland Complex Feasibility Report with integrated environmental assessment as well as the Godar Glades Wetland Complex Plans and Specifications (P&S) implementation document. Products included for review consist of the following:

- Draft Feasibility Report: The purpose of the Feasibility Report with integrated Environmental Assessment (EA) is to document the planning process for ecosystem restoration of the Godar Glades Wetland Complex study area on the Illinois River, to provide the opportunity for participation in the planning process for river management partners and the public, to meet USACE planning guidance and to meet NEPA requirements. The Feasibility Report and EA will document existing and predict future habitat conditions and deficiencies; identify problems and opportunities; define measureable habitat goals and objectives to meet project goals and objectives; document the effects of the alternatives in accordance with NEPA and other environmental laws and regulations; and recommend a selected plan for habitat restoration and enhancement.
- Final Feasibility Report: A supplemental Agency Technical Review (ATR) would be completed if there are substantial changes to the project plan from the Draft Feasibility Report based on comments received during the public and agency review.
- Implementation Document (Plans and Specification): An ATR will be completed on 95% documents for Plans and Specifications.

The Upper Mississippi River Restoration (UMRR), formerly known as Environmental Management Program (EMP), study and construction authority is contained in the UMRR (EMP) Programmatic Review Plan (UMRR-EMP PRP), Section IV.

b. Applicability

This review plan is based on the MVD Model Review Plan, which is applicable to projects that do not require Independent External Peer Review (IEPR), as defined by the mandatory Type I IEPR triggers contained in EC 1165-2-214, Civil Works Review Policy. HQ approval for a programmatic IEPR exclusion for the Upper Mississippi River Restoration program was granted on 22 February 2012. No other existing policy waiver request are anticipated.

The applicability regarding the UMRR (EMP) is contained in the Programmatic UMRR (EMP) PRP, Section II.

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

c. References

Reference materials are shown in the UMRR (EMP) PRP.

Godar Glades Wetland Complex HREP Project Management Plan, approved 11 September 2014

2. Review Management Organization (RMO) Coordination

RMO coordination will be in accordance with the MP PRP, Sections I, III, VI, and VIII. The RMO for the ATR will be MVD in lieu of ECO-PCX. The PCX will continue to serve in its advisory role.

3. Project Information

a. Decision and/or Implementation document

The Godar Glades Wetland Complex HREP decision document will be prepared in accordance with ER 1105-2-100, Appendix F, Amendment #2. The approval level of the decision document (if policy compliant) is MVD. An Environmental Assessment (EA) will be prepared along with the decision document. An implementation document (Plans and Specifications) will also be prepared and will undergo DQC and ATR Review.

b. Study/Project Description

Godar Glades Wetland Complex covers approximately 5,050 acres of backwaters, side channels, and island habitats. The proposed project area includes Glades Management Area, Twelve Mile Island, Helmbold Island, Mortland Island, Godar Management Area, Diamond Island, Hurricane Island, Crater Island, and Willow Island. These sites are General Plan (GP) lands owned by the U.S. Army Corps of Engineers and are managed by the Illinois Department of Natural Resources through a cooperative agreement with the U.S. Fish and Wildlife Refuge.

The primary resource problems include: sedimentation, altered river hydrology, and lack of connectivity with the lower Illinois River. These problems have led to degraded aquatic and wetland ecosystem structures and functions. Potential project features to address these problems include: river training structures, in-stream habitat structure, excavation, water control structures, pump station, revetment, and reforestation.

c. Factors Affecting the Scope and level of Review

The factors affecting the scope and level of review are discussed in the UMRR (EMP) PRP, Section V.

d. In-Kind Contributions

Products and analyses provided by non-Federal sponsors as in-kind services are subject to District Quality Control (DQC) and ATR, similar to any products developed by USACE. No in-kind products are anticipated.

4. District Quality Control (DQC)

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

District Quality Control (DQC) will be conducted in accordance with the UMRR (EMP) PRP, Section III.A. DQC will be an ongoing process throughout the project. DQC will use Dr. Checks for tracking comments.

5. Agency Technical Review (ATR)

The Agency Technical Review (ATR) will be conducted in accordance with the UMRR (EMP) PRP, Section III.B and VI.C. An initial ATR will be conducted before the Alternative Formulation Briefing. A supplemental ATR will be completed if there are substantial changes to the project plan from the Draft Feasibility Report based on comments received during the public and agency review.

To assure independence, the leader of the ATR team shall be from outside the home MSC. ATR will use Dr. Checks for tracking comments.

6. Independent External Peer Review (IEPR)

A programmatic waiver for the Upper Mississippi River Restoration (formerly known as the Environmental Management Program) was approved 22 February 2012.

7. Policy And Legal Compliance Review

The Policy and Legal Compliance Reviews will be conducted in accordance with the UMRR (EMP) PRP, Section III.D. Policy and Legal Compliance Review will be completed prior to the Alternatives formulation Briefing of the Draft Report. An additional Policy and Legal Compliance Review will be done prior to Final Report submittal.

8. Cost Engineering Directory of Expertise (DX) Review And Certification

Cost Engineering Directory of Expertise (DX) Review and Certification will be conducted in accordance with the UMRR (EMP) PRP, Section VIII.D. *If the final feasibility report costs are greater than 1 year old (based on when the Mississippi Valley Division Commander will sign the final report), then the costs will be updated and reviewed by the Cost MCX.*

9. Model Certification And Approval

Approval of planning and engineering models used in UMRR (EMP) projects will be in accordance with the UMRR (EMP) PRP, Section III.E, and Section VII. See Table 1.

Table 1. Planning and Engineering Models That May Be Used in the Development of the Godar Glades Wetland Complex HREP

Model Name and Version	Brief Description of the Model and How it Will be Applied in the Study	Certification /Approval Status
IWR-Plan	The IWR-Plan was developed by the Institute of Water Resources as accounting software to compare habitat benefits among alternatives.	Certified

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

	This model will be used to determine best buy alternatives and incremental cost analysis of alternatives	
USFWS Habitat Suitability Index Models (HEP or Bluebooks).	<p>The Habitat Evaluation Procedure (HEP) is a species-habitat approach to impact assessment using selected evaluation species documented with an index, the Habitat Suitability Index (HSI). This value is derived from an evaluation of the ability of key habitat components to compare existing habitat conditions and optimum habitat conditions for the species of interest. There are over 150 models for invertebrates, fish, amphibians, reptiles, birds, mammals, and communities.</p> <p>As the project progresses, a determination will be made as to which HEP models are most appropriate for use.</p>	Approved for use, pending review of spreadsheets or other accounting software
Micro-Computer Aided Cost Engineering System (MCACES) MII Version 3.0	<p>MCACES is a cost estimation model.</p> <p>This model will be used to estimate costs for the Godar Glades Wetland Complex HREP.</p>	Certified

10. Review Schedules And Costs

- A. **District Quality Control (DQC) Schedule and Cost.** The DQC team will provide a review of the feasibility and P&S documents. DQC team roster is provided in Attachment 1. Dr. Checks will be used to document all DQC reviews.

1) DQC Estimated Schedule

Event	Kick-off	Reviewer Comments End	PDT Evaluation	Back Check	Complete
Feasibility	TBD	TBD	TBD	TBD	TBD
P&S	TBD	TBD	TBD	TBD	TBD

2) DQC Estimated Cost

Reviewer	Feasibility	P&S	Total Cost
Real Estate			
Plan Formulation			
Geotechnical Engineer			
Regulatory			
Environmental			
Civil Engineer			
H&H Engineer			
Cultural Resources			
Structural Engineer			
Mechanical Engineer			
Economics			
Cost Engineer			

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

TOTAL		
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- B. **Agency Technical Review (ATR) Schedule and Cost.** The ATR team will provide a review of the feasibility and P&S documents. ATR team roster is provided in Attachment 1. After DQC, the ATR team will provide a review of the Feasibility Report prior to Alternative Formulation Briefing (AFB). Dr. Checks will be used to document ATR review. Following MSC concurrence of the AFB conference call, the ATR team will continue to review any changes that occur as feasibility documents are prepared. The ATR Lead will participate in the original AFB discussions with the MSC. The ATR team will provide ATR certification (Attachment 4). ATR shall be performed on the project plans and specification (P&S) and any supporting design documentation prior to BCOE sign-off. The ATR Lead will be from outside the MSC.

1) ATR Estimated Schedule

Event	Kick-off	Reviewer Comments End	PDT Evaluation	Back Check	Complete
<i>Pre-AFB ATR</i>	TBD	TBD	TBD	TBD	TBD
<i>AFB</i>	TBD	TBD	TBD	TBD	TBD
<i>Pre Final Feasibility Report ATR</i>	TBD	TBD	TBD	TBD	TBD
<i>P&S ATR</i>	TBD	TBD	TBD	TBD	TBD

2) ATR Estimated Cost

Reviewer	ATR Pre AFB	ATR Pre Final	ATR P&S	COST
ATR Team Lead				
Civil Engineer				
Environmental				
Plan Formulation				
Model Reviewer				
Cultural				
Cost				
Economist				
Geotechnical Engineer				
H&H Engineer				
Real Estate				
Structural Engineer				
Mechanical Engineer				
TOTAL				

11. Public Participation

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

Public review will be in accordance with the UMRR (EMP) PRP, Section VI.F

12. Review Plan Approval And Updates

The Review Plan approval process will be in accordance with the UMRR (EMP) PRP, Section VIII.B.

13. Review Plan Points Of Contact

Public questions and/or comments on this review plan can be directed to the following points of contact:

- [REDACTED] St. Louis District UMRR-EMP Program Manager , 314-331-8455- MVS
- [REDACTED] Environmental Planner/Ecologist, 314-331-8047 - RPEDN
- [REDACTED] St. Louis Program Manager, 601-634-5293- MVD

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

Attachment 1: Team Rosters**Major Subordinate Command Roster – 2014**

Name	Title	Contact
	St. Louis Program Manager	
	Deputy Chief DST	

Project Delivery Team Roster – 2014

Name	Discipline/Title	Contact Information
	Sponsor-	
	UMRR Regional Program Manager	
	UMRR District Program Manager	
	Project Manager	
	Civil Engineer	
	Environmental Planning	
TBD	Plan Formulator	TBD
TBD	Hydrology & Hydraulics Engineer	TBD
TBD	Mechanical Engineer	TBD
TBD	Electrical Engineer	TBD
TBD	Structural Engineer	TBD
TBD	Cultural Resources	TBD
TBD	Tribal Coordination	TBD
TBD	Economics	TBD
TBD	Geotechnical Engineer	TBD
TBD	Cost Estimate	TBD
TBD	Real Estate	TBD
TBD	HTRW	TBD
TBD	Survey	TBD

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

District Quality Control Roster – YEAR

Name	Discipline/Title	Contact Information
TBD	Senior Real Estate Specialist	TBD
TBD	Senior Planner	TBD
TBD	Senior Geotechnical Engineer	TBD
TBD	Senior Regulatory Specialist	TBD
TBD	Senior Environmental Specialist	TBD
TBD	Senior Civil Engineer	TBD
TBD	Senior H&H Engineer	TBD
TBD	Senior Cultural Resources Specialist	TBD
TBD	Senior Cost Estimator	TBD

REVIEW PLAN
Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

Agency Technical Review Roster – YEAR

Name	Discipline/Title	Contact Information	District	Education/ Qualifications	Years of Experience
TBD	ATR Team Lead	TBD	TBD	TBD	TBD
TBD	Engineer	TBD	TBD	TBD	TBD
TBD	Plan Formulation	TBD	TBD	TBD	TBD
TBD	Model Review	TBD	TBD	TBD	TBD
TBD	Environmental	TBD	TBD	TBD	TBD
TBD	Cultural	TBD	TBD	TBD	TBD
TBD	Cost	TBD	TBD	TBD	TBD
TBD	Economist	TBD	TBD	TBD	TBD
TBD	Geotechnical Engineer	TBD	TBD	TBD	TBD
TBD	H&H Engineer	TBD	TBD	TBD	TBD
TBD	Real Estate	TBD	TBD	TBD	TBD

REVIEW PLAN
Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

Attachment 2: Review Plan Revisions

Revision Date	Description of Change	Page/Paragraph Number

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

ATTACHMENT 3: UMRR (EMP) Review Plan Checklist

MVD UMRR (EMP) Review Plan Checklist

Date:	November 2014
Originating District:	MVS
Project/Study Title:	Godar Glades HREP
P2# and AMSCO#:	
District POC:	
PCX Reviewer:	

Please fill out this checklist and submit with the draft Review Plan when coordinating with the MSC. Any evaluation boxes checked "No" may indicate the project may not be able to use the MVD Model Review Plan. Further explanation may be needed or a project specific review plan may be required. Additional coordination and issue resolution may be required prior to MSC approval of the Review Plan. Checklist may be limited to Section I or Section II or Both, depending on content of review plan (or subsequent amendments).

Section I - Decision Documents

REQUIREMENT	EVALUATION
1. Is the Review Plan (RP) for an EMP Project?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
a. Does it include a cover page identifying it as following the Model RP and listing the project/study title, originating district or office, and date of the plan?	a. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Does it include a table of contents?	b. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. Is the purpose of the RP clearly stated?	c. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
d. Does it reference the Project Management Plan (PMP) of which the RP is a component?	d. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Does it succinctly describe the levels of review: District Quality Control (DQC), and Agency Technical Review (ATR)?	e. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
f. Does it include a paragraph stating the title, subject, and purpose of the decision document to be reviewed?	f. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
g. Does it list the names and disciplines of the Project Delivery Team (PDT)?*	g. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<i>*Note: It is highly recommended to put all team member names and contact information in an appendix for easy updating as team members change or the RP is updated.</i>	
Comments: Additional names will be added as the PDT team develops	

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

2. Is the RP detailed enough to assess the necessary level and focus of the reviews?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
3. Does the RP define the appropriate level of review for the project/study?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>a. Does it state that DQC will be managed by the home district in accordance with the MVD and district Quality Management Plans?</p> <p>b. Does it state that ATR will be managed by MVD?</p> <p>Comments:</p>	<p>a. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>b. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
4. Does the RP explain how ATR will be accomplished?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>a. Does it identify the anticipated number of reviewers?</p> <p>b. Does it provide a succinct description of the primary disciplines or expertise needed for the review (not simply a list of disciplines)?</p> <p>c. Does it indicate that ATR team members will be from outside the home district?</p> <p>d. Does it indicate where the ATR team leader will be from?</p> <p>e. If the reviewers are listed by name, does the RP describe the qualifications and years of relevant experience of the ATR team members?*</p> <p><i>*Note: It is highly recommended to put all team member names and contact information in an appendix for easy updating as team members change or the RP is updated.</i></p> <p>Comments: ATR team members, once identified, will be from outside the home district and the ATR lead, once identified, will be from outside MVD. Names and qualifications will be added once ATR team members have been identified.</p>	<p>a. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>b. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>c. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>d. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>e. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
5. Does the RP address review of sponsor in-kind contributions?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

6. Does the RP address how the review will be documented?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
a. Does the RP address the requirement to document ATR comments using Dr Checks? Comments:	a. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
7. Does the RP address Policy Compliance and Legal Review?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
8. Does the RP present the tasks, timing and sequence (including deferrals), and costs of reviews?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
a. Does it provide a schedule for ATR including review of the Alternative Formulation Briefing (AFB) materials and final report? b. Does it include cost estimates for the reviews?	a. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> b. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
9. Does the RP indicate the study will address Safety Assurance factors? Factors to be considered include: <ul style="list-style-type: none"> • Where failure leads to significant threat to human life • Novel methods\complexity\ precedent-setting models\policy changing conclusions • Innovative materials or techniques • Design lacks redundancy, resiliency of robustness • Unique construction sequence or acquisition plans • Reduced\overlapping design construction schedule 	Yes <input type="checkbox"/> No <input type="checkbox"/> n/a <input checked="" type="checkbox"/> Comments:
10. Does the RP address opportunities for public participation?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
11. Does the RP indicate ATR of cost estimates will be conducted by pre-certified district cost personnel who will coordinate with the Walla Walla Cost DX?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
12. Has the approval memorandum been prepared and does it accompany the RP?	Yes <input type="checkbox"/> No <input type="checkbox"/>

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

Section II - Implementation Documents

Please fill out this checklist and submit with the draft Review Plan or subsequent Review Plan amendments when coordinating with the MSC. For DQC, the District is the RMO; for ATR and Type II IEPR, MVD is the RMO. Any evaluation boxes checked "No" indicate the RP possibly may not comply with MVD Model Review Plan and should be explained. Additional coordination and issue resolution may be required prior to MVD approval of the Review Plan.

REQUIREMENT	EVALUATION
1. Are the implementation documents/products described in the review or subsequent amendments?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. Does the RP contain documentation of risk-informed decisions on which levels of review are appropriate?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
3. Does the RP present the tasks, timing, and sequence of the reviews (including deferrals)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
a. Does it provide an overall review schedule that shows timing and sequence of all reviews?	a. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Does the review plan establish a milestone schedule aligned with the critical features of the project design and construction?	b. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
4. Does the RP address engineering model review requirements?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
a. Does it list the models and data anticipated to be used in developing recommendations?	a. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Does the RP identify any areas of risk and uncertainty associated with the use of the proposed models?	b. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. Does it indicate the certification/approval status of those models and if review of any model(s) will be needed?	c. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
d. If needed, does the RP propose the appropriate level of review for the model(s) and how it will be accomplished?	d. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
5. Does the RP explain how and when there will be opportunities for the public to comment on the study or project to be reviewed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
6. Does the RP address expected in-kind contributions to be provided by the sponsor?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If expected in-kind contributions are to be provided by the sponsor, does the RP list the expected in-kind contributions to be provided by the sponsor?	Yes <input type="checkbox"/> No <input type="checkbox"/> n/a <input checked="" type="checkbox"/>

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

7. Does the RP explain how the reviews will be documented?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
a. Does the RP address the requirement to document ATR comments using Dr Checks published comments and responses pertaining to the design and construction activities summarized in a report reviewed and approved by the MSC and posted on the home district website?	a. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
8. Has the approval memorandum been prepared and does it accompany the RP?	Yes <input type="checkbox"/> No <input type="checkbox"/>

REVIEW PLAN

Godar Glades Wetland Complex, Calhoun and Jersey Counties, Illinois – Illinois River
River Miles 12-31

ATTACHMENT 4: STATEMENT OF TECHNICAL REVIEW FOR DECISION & IMPLEMENTATION DOCUMENTS TEMPLATE

STATEMENT OF TECHNICAL REVIEW COMPLETION OF AGENCY TECHNICAL REVIEW

CERTIFICATION OF AGENCY TECHNICAL REVIEW

The Agency Technical Review (ATR) has been completed for the *Definite Project Report with Integrated Environmental Assessment for the Godar Glades Wetland Complex National Wildlife Refuge HREP* ATR was conducted as defined in the project's Review Plan to comply with the requirements of EC 1165-2-214. During the ATR, compliance with established policy principles and procedures, utilizing justified and valid assumptions, was verified. This included review of: assumptions, methods, procedures, and material used in analyses, alternatives evaluated, the appropriateness of data used and level obtained, and reasonableness of the results, including whether the product meets the customer's needs consistent with law and existing US Army Corps of Engineers policy. The ATR also assessed the District Quality Control (DQC) documentation and made the determination that the DQC activities employed appear to be appropriate and effective. All comments resulting from the ATR have been resolved and the comments have been closed in DrCheckssm.

TBD
ATR Team Leader
TBD

Date

TBD
Project Manager
CEMVS


Date


Chief, Engineering and Construction Division
CEMVS

Date


Chief, Planning and Environment Division North
CEMVP- RPEDN

Date


Review Management Office
Representative, CEMVD-PD-SP

Date