



DEPARTMENT OF THE ARMY
MISSISSIPPI VALLEY DIVISION, CORPS OF ENGINEERS
P.O. BOX 80
VICKSBURG, MISSISSIPPI 39181-0080

REPLY TO
ATTENTION OF:

11 MAR 2015

CEMVD-PD-SP

MEMORANDUM FOR Commander, St. Louis District

SUBJECT: Review Plan (RP) Approval for Ted Shanks Conservation Area Habitat Rehabilitation and Enhancement Project

1. References:

a. Memorandum, CEMVS-PM-F, 4 February 2015, subject as above (encl 1).

b. Memorandum, CEMVD-RB-T, 12 February 2015, subject: Review Plan (RP) for Ted Shanks Conservation Area 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 (RP) (encl 4) is an implementation document review plan. It includes the MVD EMP checklist and has been prepared in accordance with EC 1165-2-214. The RP has been coordinated between the Business Technical Division and the Upper District Support Team.

3. MVD hereby approves the RP for Ted Shanks Conservation Area Habitat Rehabilitation and Enhancement Project, which is subject to change as circumstances require. 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 website.



CEMVD-PD-SP

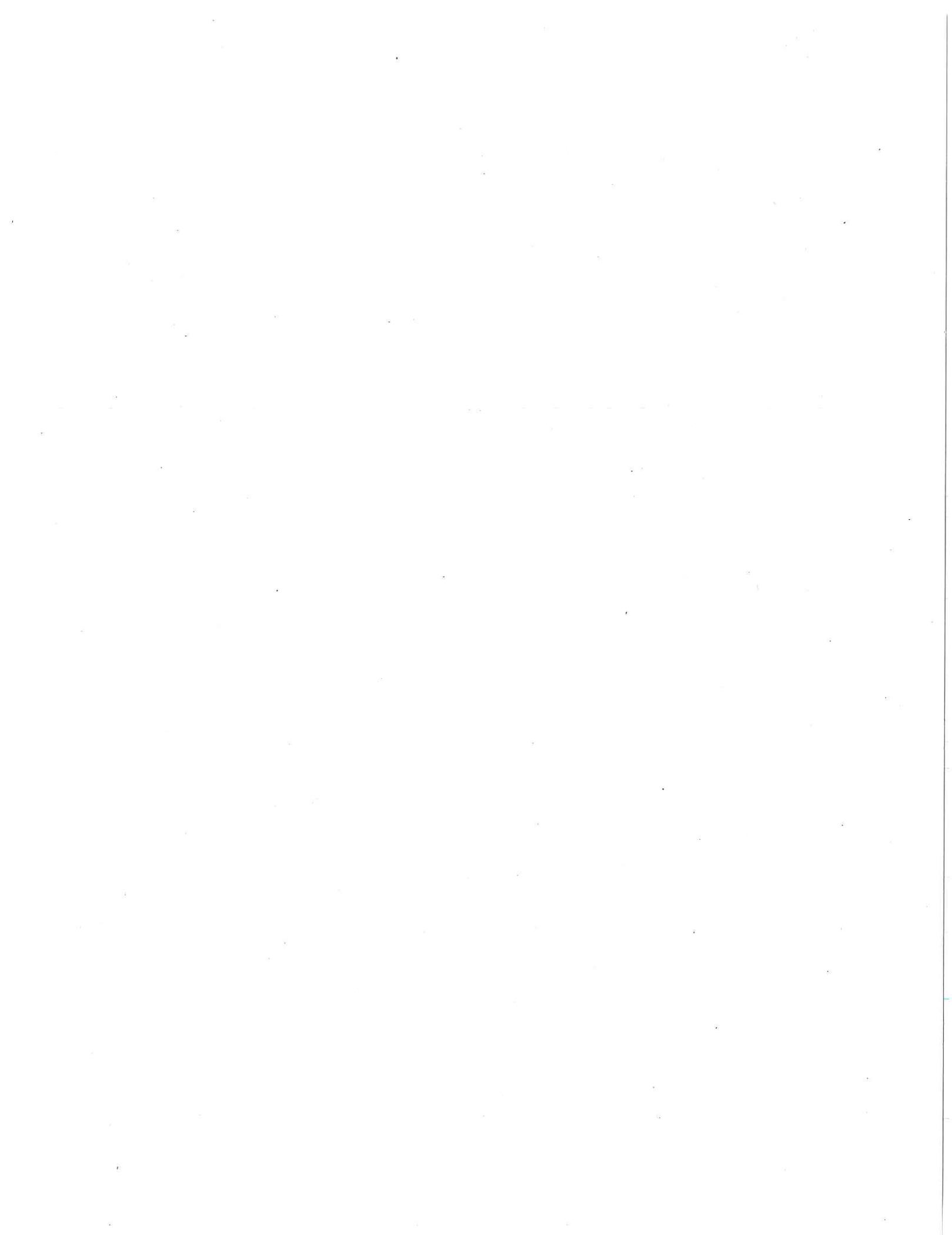
SUBJECT: Review Plan (RP) Approval for Ted Shanks Conservation
Area Habitat Rehabilitation and Enhancement Project

4. The MVD point of contact for this action is [REDACTED]

[REDACTED] CEMVD-PD-SP, [REDACTED]
[REDACTED]

4 Encls

Acting Chief, Programs Directorate





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

REPLY TO
ATTENTION OF
CEMVS-PM-F

FEB - 4 2015

MEMORANDUM FOR Commander, U.S. Army Engineer Division, Mississippi Valley
(CEMVD-PD-SP [REDACTED]), P.O. box 80, 1400 Walnut Street, Vicksburg, MS 39181-0800

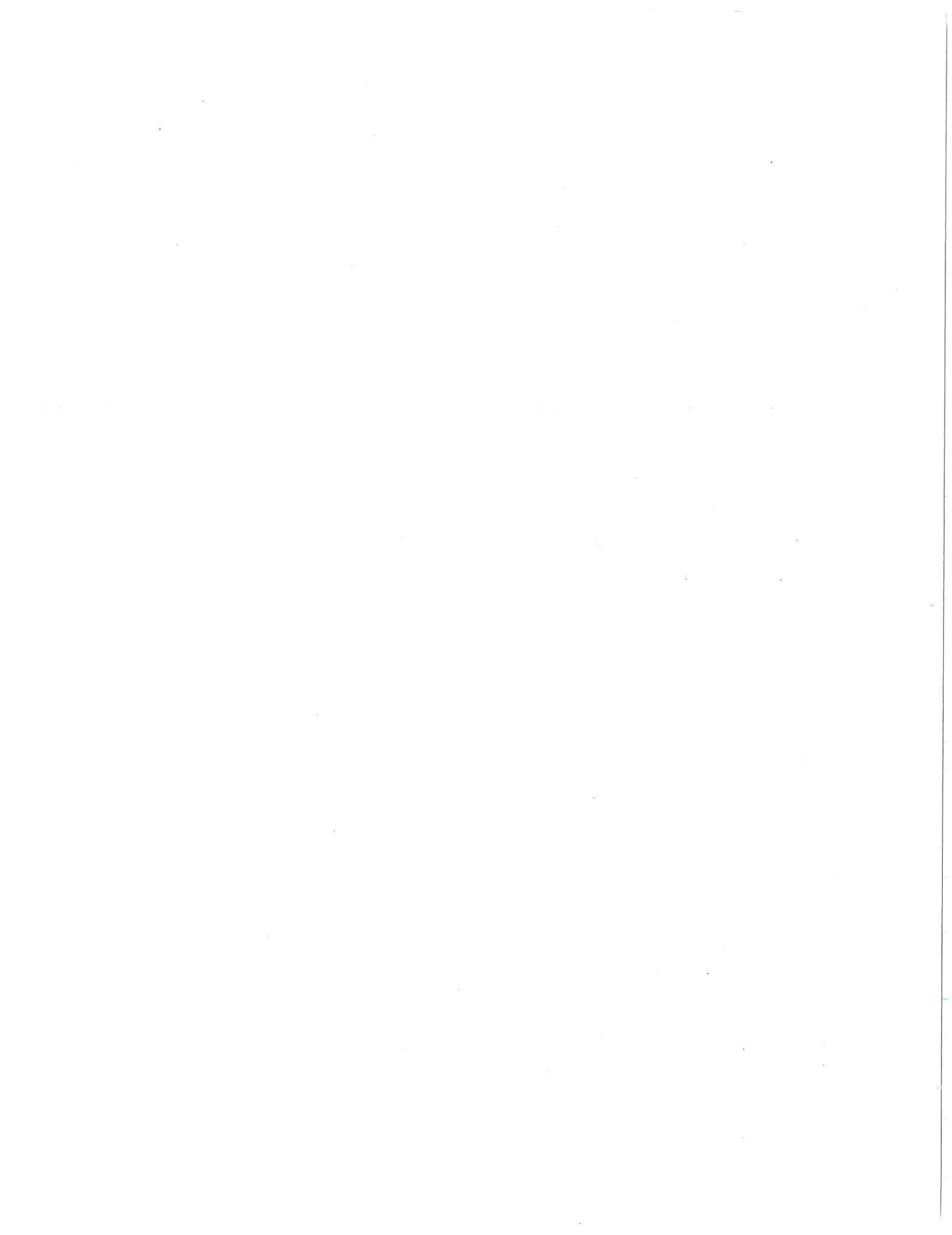
SUBJECT: Review Plan for Ted Shanks Conservation Area habitat Rehabilitation and Enhancement Project

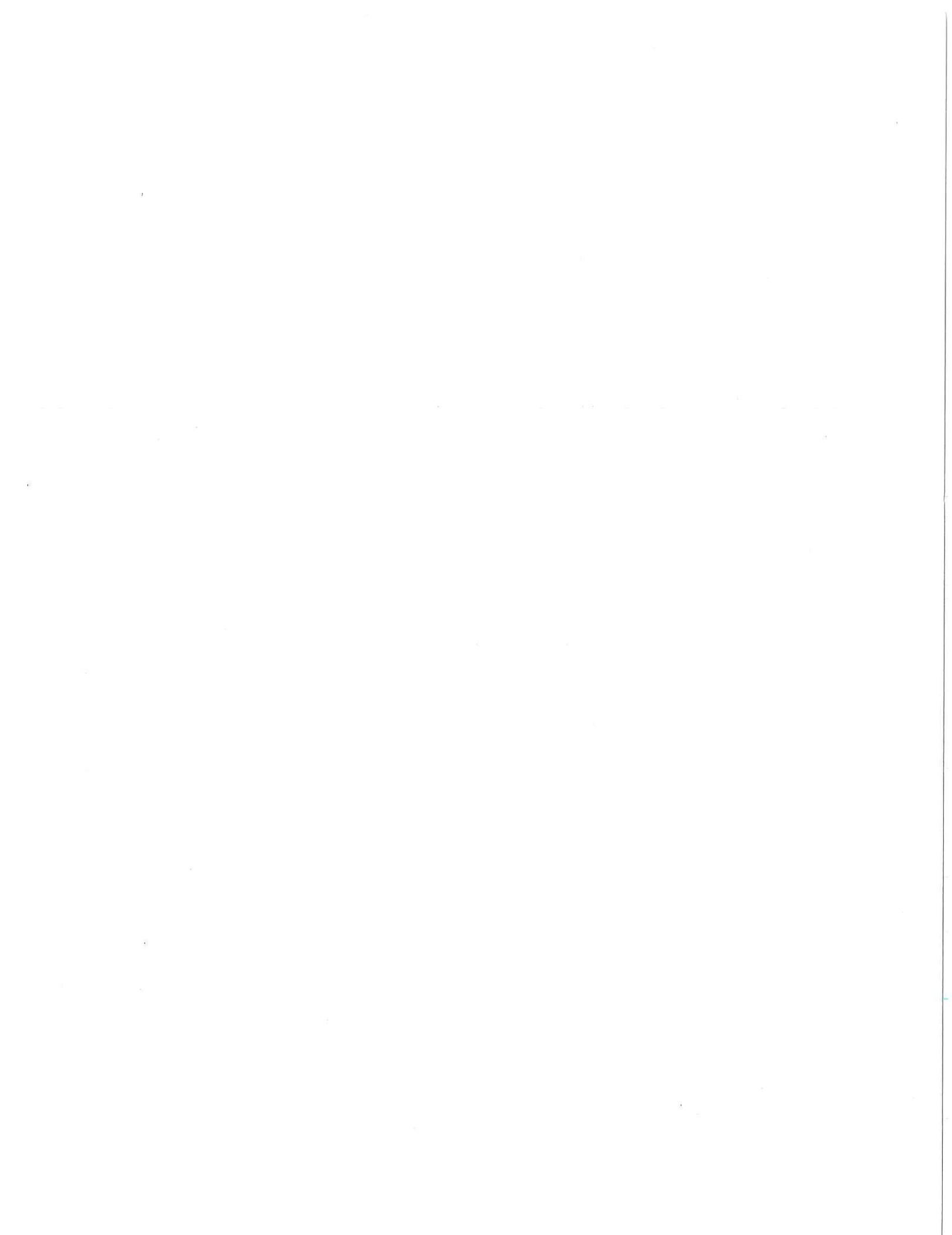
1. Reference, December 2010, Subject: Ted Shanks Conservation Area Review Plan (encl 1).
2. The review plan for the implementation documents for the Ted Shanks Conservation Area habitat Rehabilitation and Enhancement Project (HREP) located in Pool 25, Upper Mississippi river, is attached (enclosure 2). An electronic copy of the subject review plan is submitted through the DST for final review and approval. The review plan was prepared in accordance with EC 1165-2-214.
3. The Ted Shanks Conservation Area HREP is currently in the implementation phase. As required by EC 1165-2-214, we request review and approval of the review plan.
4. POC is [REDACTED] District Program Manager, at [REDACTED] or email [REDACTED]

- 2 Encls
1. Ted Shanks Area Review Plan, December 2010
 2. Ted Shanks Area HREP

[REDACTED]
COL, EN
Commanding

Encl 1







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)

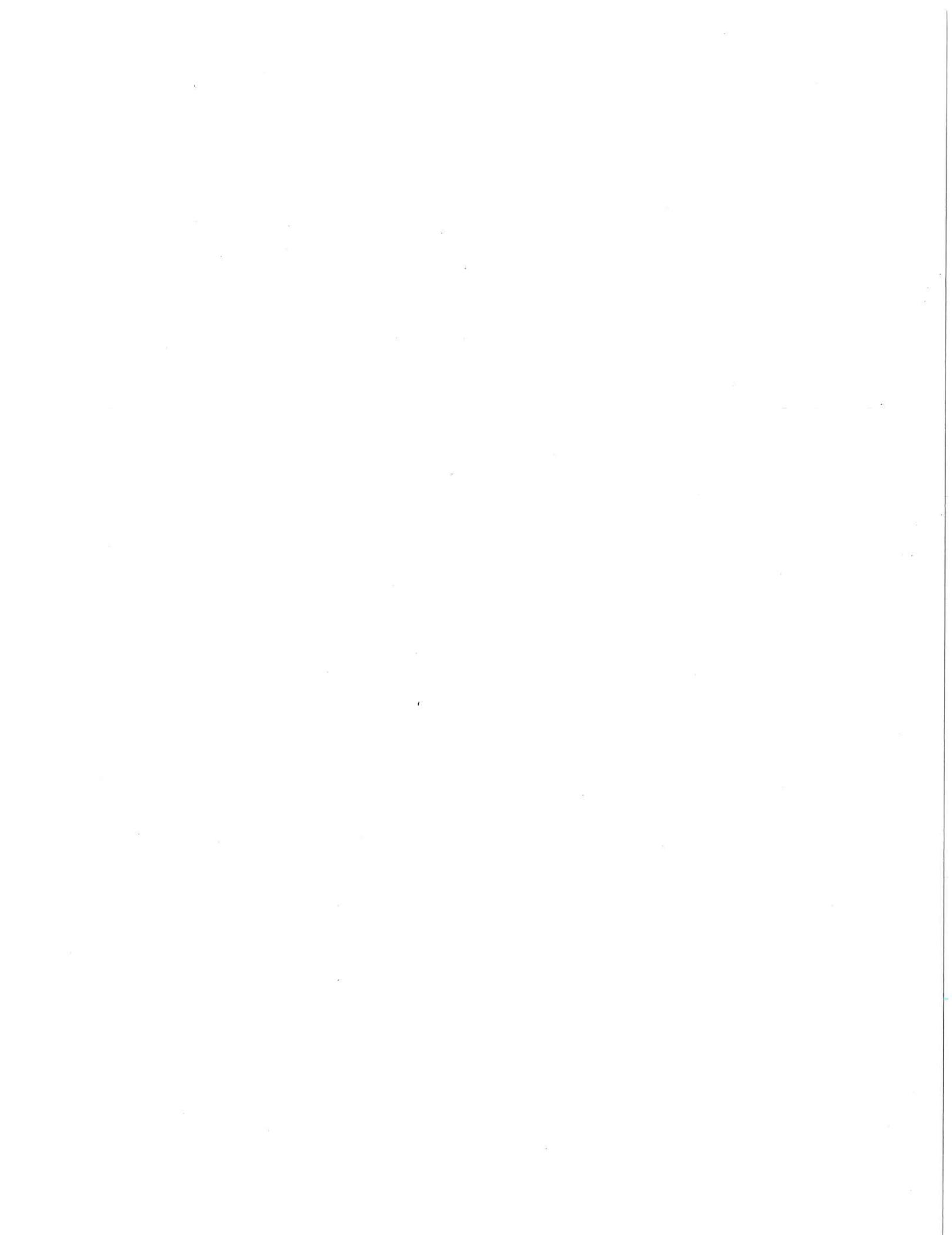
SUBJECT: Request for Approval of a Model Peer Review Plan for the Upper Mississippi River System Environmental Management Program

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

Enc 13



REVIEW PLAN
for the
Implementation Documents
for

Ted Shanks Conservation Area
Habitat Rehabilitation and Enhancement Project
Pool 24, Upper Mississippi River
Pike County, Missouri

St. Louis District

MSC Approval Date: *Pending*
Last Revision Date: *None*



US Army Corps
of Engineers ®

ENC 4

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

Review Plan
Using the MVD Model Review Plan
for the
Implementation Documents
(Plans and Specification)
for

Ted Shanks Conservation Area
Habitat Rehabilitation and Enhancement Project
Pool 24, Upper Mississippi River
Pike County, Missouri

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REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

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) Ted Shanks Conservation Area Habitat Rehabilitation and Enhancement Project (HREP), Pike County, Missouri. 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.*

Prior to the development of the implementation documents, project decision documents consisting of a Definite Project Report (DPR) along with supporting NEPA documentation (and Environmental Assessment) were prepared. All appropriate/required reviews (DQC, ATR, and AFB) of the decision documents have been completed, and the final report was approved 31 May 2011. The purpose of this Review Plan is to define the types and scopes of the reviews for the implementation documents for the Ted Shanks Conservation Area HREP. The implementation documents are being developed internally by MVS project delivery team (PDT). The PDT has worked on many other similar HREPs in the past and has extensive experience in preparing these types of products. The project documentation that will be reviewed under this Review Plan includes:

- *Plans*
- *Specification*
- *Design Documentation Report*
- *OMRR&R Manual*

This Review Plan is a standalone document but will also be included as an appendix of the project's Project Management Plan (PMP).

The upper Mississippi River Restoration (UMRR), formerly known as The Environmental Management Program (EMP) study and construction authority is contained in the EMP Programmatic Review Plan (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 1165-2-209, Civil Works Review Policy. *Ted Shanks Conservation Area received an IEPR exclusion from HQUSACE, 23 September 2011. (Attachment One)*

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

c. References

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

Reference memorandum, CEECW-MVD, 23 Sept 2011, subject: Request for Independent External Peer Review (IEPR) Exclusion for the Upper Mississippi River System Environmental

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

Management Program (Ted Shanks, Rice Lake, Capoli Slough, Rip Rap Landing, Harpers Slough, and Pool 12 Overwintering Reference

Memorandum, CEMVD-PD-SP, 5 Jan 2011, subject: Request for Waiver from IEPR for the Upper Mississippi River System Environmental Management Program, Ted Shanks Conservation Area HREP.

Ted Shanks Conservation Area Review Plan (for Decision Documents), 17 December 2010

Ted Shanks Conservation Area HREP Project Management Plan, September 2009

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 implementation documents is the home Major Subordinate Command (MSC), which is the Mississippi Valley Division (MVD).

3. Project Information

a. Decision and/or Implementation document

The Ted Shanks Conservation Area HREP implementation document has been prepared in accordance with EC-1165-2-214, which establishes an accountable comprehensive, life-cycle review strategy for Civil Works products by providing a seamless process for review of all Civil Works projects from initial planning through design; construction; and operation, maintenance, repair, replacement, and rehabilitation (OMRR&R). The EC outlines four general levels of review: District Quality Control/Quality Assurance (DQC), Agency Technical Review (ATR), Independent External Peer Review (IEPR), and Policy and Legal Compliance Review. Implementation documents (Plans and Specifications, or P&S), will be prepared for implementation of the project and will undergo DQC and ATR reviews. Plans and specifications will be prepared in accordance with ER 1110-2-1150 and other applicable ER's.

b. Study/Project Description

The Ted Shanks Conservation Area (TSCA) Habitat Rehabilitation and Enhancement Project (HREP) is located on the right descending bank of the Mississippi River adjacent to the town of Ashburn MO in Pike County. The project area encompasses part of Ted Shanks Conservation Area and the Upper Mississippi River Conservation area. It lies in Pool 24 between Upper Mississippi River Miles (RM) 288.5 and 284.5. The conservation area is approximately 6,700 acres. Approximately 3,800 acres of TSCA is Missouri Department of Conservation (MDC) owned lands and 2,900 acres is U.S. Army Corps of Engineers (USACE) owned lands. The project area is solely on the USACE owned lands. It consists of approximately 2,900 acres of TSCA and 490 acres of the Upper Mississippi Conservation Area. These lands are managed under a cooperative agreement between the Department of the Interior, U.S. Fish and Wildlife Service (FWS) and the USACE, dated 14 February 1963. Management of these project lands has been assumed by the Missouri Department of Conservation under a successive cooperative agreement.

The Recommended Plan (Figure 1) is designed to restore diverse forest provide controlled connection between the Mississippi River and its floodplain, enhance river slough diversity,

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

restore natural river processes and improve the quality and quantity of floodplain habitat. The Recommended Plan features include:

- Create three management units and setback the exterior berm along the Salt River
- Enlarge the external water drainage capacity
- Increase the capacity to drain water from Nose Slough
- Plant hardwood and floodplain trees
- Install a new pump station along the Mississippi River

c. Factors Affecting the Scope and level of Review

The factors affecting the scope and level of review are discussed in the 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 contributions are required by the sponsor, they will be responsible for the operation and maintenance once the project is complete.

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

Ted Shanks Conservation Area
Habitat Rehabilitation and Enhancement Project - Environmental Management Program

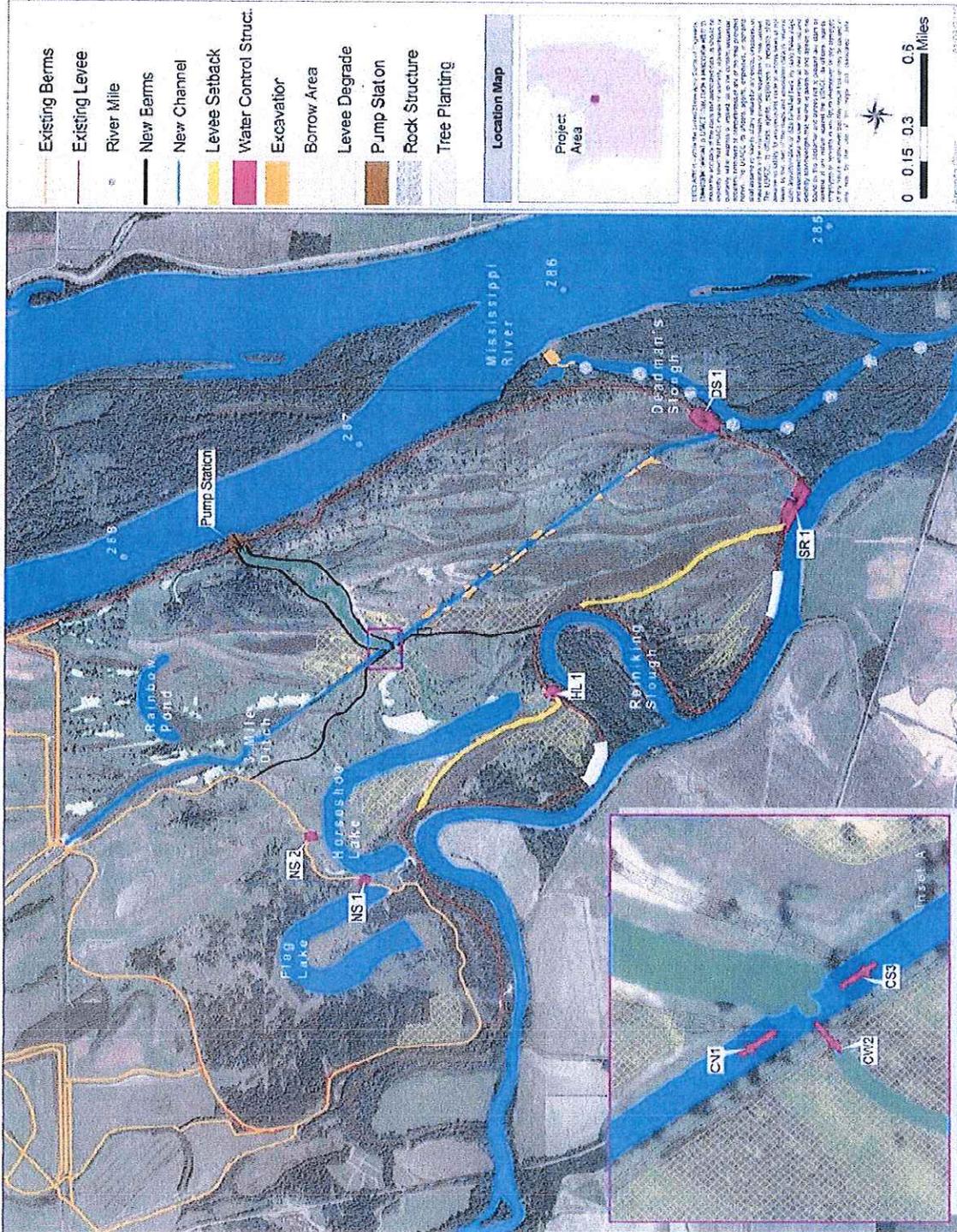


Figure 1. Recommended Plan for Ted Shanks Conservation Area HREP

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

4. District Quality Control (DQC)

District Quality Control (DQC) will be conducted in accordance with the EMP PRP, Section III.A.

5. Agency Technical Review (ATR)

The Agency Technical Review (ATR) will be conducted in accordance with the EMP PRP, Section III.B and VI.C.

ATR is mandatory for all implementation documents. The objective of the ATR is to ensure consistency with established criteria, guidance, procedures, and policy. The ATR will assess whether the analyses presented are technically correct and comply with published U.S. Army Corps of Engineers (USACE) guidance and that the documents explain the analyses and results in a reasonably clear manner for the public and decision makers. ATR is managed within USACE by a designated Risk Management Organization (RMO) and is conducted by a qualified team from outside the home district that is not involved in the day-to-day production of the project/product. ATR teams will be comprised of senior USACE personnel and may be supplemented by outside experts as appropriate. To assure independence, the leader of the ATR team shall be from outside the home MSC. ATR will use Dr. Checks for tracking comments. The Decision Documents for the Ted Shanks Conservation Area, which was for the Definite Project Report (DPR) and Environmental Assessment (EA), was certified on 12 November 2010. The results of the Decision Documents ATR will be available to the ATR team for the implementation documents review as requested.

The Implementation Documents ATR for Ted Shanks Conservation Area, will be the Plans and Specification documents.

6. Policy and Legal Compliance Review

The Policy and Legal Compliance Reviews were conducted during the decision document phase in accordance with the EMP PRP, Section III.D.

The Decision Document (DPR) was reviewed throughout the study process for compliance with law and policy. The DPR was reviewed and found legally sufficient 1 October 2010. Because the development of the implementation document closely follows the recommendations in the decision document, no additional policy and legal compliance review is necessary.

7. Cost Engineering Directory of Expertise (DX) Review and Certification

Cost Engineering Directory of Expertise (DX) Review and Certification was conducted during the decision document phase in accordance with the EMP PRP, Section VIII.D.

REVIEW PLAN for IMPLEMENTATION DOCUMENTS

Ted Shanks Conservation Area HREP, Pike County, Missouri

The Decision Document was extensively coordinated with the Cost Engineering Directory of Expertise, located in Walla Walla District. For the implementation documents (P&S). No additional cost review will be performed.

8. Model Certification and Approval

Approval of planning and engineering models used in EMP projects will be in accordance with the EMP PRP, Section III.E, and Section VII.

EC 1105-2-407 mandates the use of certified or approved models for all planning activities to ensure the models are technically and theoretically sound, compliant with USACE policy, computationally accurate, and based on reasonable assumptions. Uses of engineering and planning models were subject to DQC and ATR, and these requirements were met in the DPR.

9. Review Plan for Implementation Documents

A. District Quality Control (DQC). MVS has met and will continue to meet the DQC requirements contained in the EC 1165-2-214. DQC has consisted of review by section chiefs and/or senior staff within specific areas of responsibility. For the implementation documents (P&S), DQC will be performed prior to the ATR and BCOE reviews. Summary points related to DQC of the decision document (DQC) can be provided to the review as requested. DQC review will be completed, backcheck and closed out within three weeks of commencement.

B. Agency Technical Review (ATR). The focus of the ATR will be on the Plans and Specifications that will comprise the bidding documents for this project at the 95% complete level. The ATR team will be provided previous project documentation such as the feasibility report and resultant review documents. The ATR team will provide a review of the P&S documents. ATR team roster is provided in Attachment 1, Dr. Checks will be used to document ATR review. Comments generated during the ATR will be reviewed by the appropriate disciplines and resolved with the ATR team. Any significant and critical comments that cannot be resolved by the PDT and ATR teams will be elevated to the appropriate level. The ATR team lead will provide a statement of technical review certifying that issues raised by the ATR have been resolved. The ATR certification page is provided in Attachment 7. The ATR Lead will be from outside the MSC.

1) ATR Estimated Schedule

ATR schedule will be as follows, beginning from the receipt of all necessary documents:

- 1) ATR Conference Call - within the first week of review
- 2) ATR Review/Comments complete - 4 weeks
- 3) PDT Review/backcheck complete - 2 weeks
- 4) ATR closeout complete- 2 weeks

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

2) ATR Estimated Cost. Expertise required for an ATR Team is detailed below, reflecting the nature of the specific project features and processes.

<u>Reviewer</u>	<u>ATR P&S COST</u>
<u>ATR Team Lead</u>	
<u>Civil/Environmental Engineer</u>	
<u>Geotechnical Engineer</u>	
<u>H&H Engineer</u>	
<u>Structural Engineer</u>	
<u>Electrical Engineer</u>	
<u>Mechanical Engineer</u>	
<u>TOTAL</u>	

10. Public Participation

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

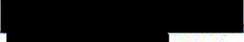
During the decision document phase, there was extensive public meetings and opportunity for the public to review and comment upon the plans that were formulated in the DPR. No additional public participation is needed for the implementation document. Thus, there will not be review periods for public comment during the development of the implementation documents. Once approved, this review plan will be posted to the District's webpage.

11. Review Plan Approval And Updates

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

12. Review Plan Points of Contact

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

-  St. Louis District UMRP-EMP Program Manager, 314-331-8455- MVS
-  Engineering Coordinator, 314-331-8623 - MVS
-  St. Louis Program Manager, 601-634-5293- MVD

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

Attachment 1: IEPR Waiver



REPLY TO
ATTENTION OF

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

CECW-MVD

FEB 22 2012

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

SUBJECT: Request for Programmatic Independent External Peer Review (IEPR) Exclusion for
the Upper Mississippi River System Environmental Management Program

1. HQUSACE has reviewed the programmatic IEPR exclusion request for the Upper Mississippi River System Environmental Management Program. Based on applicable laws and policy, studies under this authority are typically not subject to Type I IEPR as they usually do not meet any of the mandatory requirements. The projects have cost estimates of less than \$45 million; do not represent a threat to health and safety; are not controversial; and have not had a request for IEPR from a Governor or the head of a Federal or state agency. Further, the formulation of these projects is not based on novel methods and does not present complex challenges for interpretation or conclusions that are likely to change prevailing practices. Precedent-setting methods or models are not used in the evaluations. As a result, all Upper Mississippi River System Environmental Management Program projects are excluded from Type I IEPR except those projects that include an Environmental Impact Statement or 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:



Director of Civil Works

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

Attachment 2: Team Rosters

Major Subordinate Command Roster

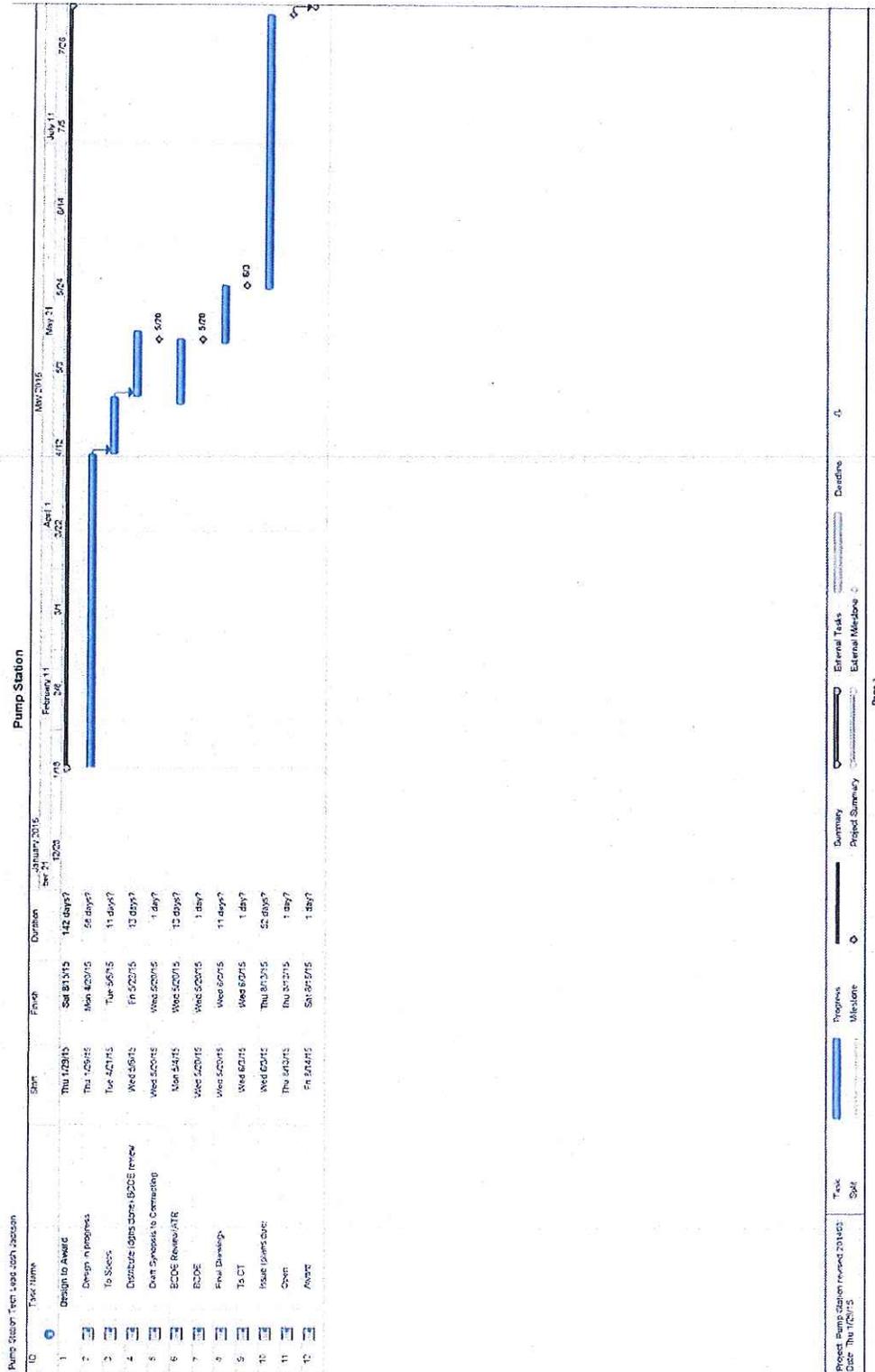
Name	Title	Contact
[REDACTED]	St. Louis Program Manager	[REDACTED]
[REDACTED]	Deputy Chief DST	[REDACTED]

Project Delivery Team Roster – 2014

Last	First	Role	Phone	Email
[REDACTED]	[REDACTED]	EMP District Program Manager	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Project Manager	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Hydraulic Engineer	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Civil Engineer	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Mechanical Engineer	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Electrical Engineer	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Structural Engineer	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Geotechnical Engineer	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Construction	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Cost Estimate	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Customer-Missouri Department of Conservation	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	Customer-Missouri Department of Conservation	[REDACTED]	[REDACTED]

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

Attachment 3: Schedule



REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

Attachment 4: ATR Roster

ATR Roster (ATR Roster will be determined by size and complexity of product)

Recommended Agency Technical Review Panel		
NAME	DISCIPLINE	Education & Experience
TBD	ATR Team Leader/Civil, P.E.	BS in Civil Engineering, 15+ years experience in the civil design and construction of levees
TBD	Geotechnical, P.E.	BS in Civil/ Geotechnical Engineering, 10+ years experience in the geotechnical design and construction of levees
TBD	Hydrology and Hydraulics, P.E.	BS in Civil/Hydraulic Engineering, 10+ years experience in the hydrology and hydraulic design
TBD	Mechanical, P.E.	BS in Mechanical Engineering, 10+ years experience in mechanical design
TBD	Electrical, P.E.	BS in Electrical Engineering, 10+ years experience in electrical design
TBD	Structural Engineer, P.E.	BS in Civil/Structural Engineering, 10+ years experience in the structural design and construction of levee enclosure structures

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

Attachment 5: Review Plan Revisions

Revision Date	Description of Change	Page/Paragraph Number

Attachment 6: EMP Review Plan Checklist

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

MVD EMP Review Plan Checklist

Date:	
Originating District:	MVS
Project/Study Title:	Ted Shanks Conservation Area 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).

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

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 type="checkbox"/> No <input type="checkbox"/>
a. Does it list the models and data anticipated to be used in developing recommendations?	a. Yes <input 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 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 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? N/A No engineering models were used during P&S. For models used during feasibility please reference the Decision Document Review Plan	d. Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" 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	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

REVIEW PLAN for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

the sponsor?	
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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 for IMPLEMENTATION DOCUMENTS
Ted Shanks Conservation Area HREP, Pike County, Missouri

ATTACHMENT 7:
STATEMENT OF TECHNICAL REVIEW FOR IMPLEMENTATION DOCUMENTS
COMPLETION OF AGENCY TECHNICAL REVIEW
CERTIFICATION OF AGENCY OF TECHNICAL REVIEW

The Agency Technical Review (ATR) has been completed for the Preliminary Design Documents, and Cost Estimate for Ted Shanks Conservation Area HREP, Pump Station Pike County, Missouri ATR was conducted as defined in the project's Review Plan to comply with the requirements of EC 1165-2- 214. Plans and specifications will be prepared in accordance with ER 1110-2-1150 and other applicable ER's. 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.

ATR Team Lead (TBD)
ATR Team Leader
CEXXX

Date

Project Manager
CEMVS

Date

Chief, Engineering Division
CEMVS

Date

Review Management Office
CEMVD-PD-SP

Date