



REPLY TO  
ATTENTION OF

CESWD-PD-P

**DEPARTMENT OF THE ARMY**  
US ARMY ENGINEER DIVISION, SOUTHWESTERN  
1100 COMMERCE STREET, SUITE 831  
DALLAS TX 75242-1317

December 14, 2011

MEMORANDUM FOR Commander, Tulsa District (CESWT-PP-PM/ Bryan Taylor),  
1645 South 101<sup>st</sup> East Avenue Tulsa, Oklahoma 74128

SUBJECT: Eufaula Lake EIS for Update of the Shoreline Management Plan and Supplement to  
the Master Plan – Approval of Review Plan

1. Reference: EC 1165-2-209, 31 January 2010, Civil Works Review Policy.
2. In accordance with the referenced guidance for review of civil works products, I approve the enclosed Review Plan.
3. The Review Plan was reviewed and recommended for my approval by the review management organization, which for this product is the Southwestern Division. The Review Plan does not meet the mandatory triggers for Independent External Peer Review. Public comments received in regard to the Review Plan are to be incorporated into updates to the plan as the study progresses.
4. The District should post this approved Review Plan and a copy of this memorandum to the District's public internet website. If you have questions or need further information, please contact Mr. Kenneth Conley, (469) 487-7104.

Encl

A handwritten signature in black ink, reading "Thomas W. Kula".

THOMAS W. KULA  
Brigadier General, USA  
Commanding

CF:  
CESWT-PE-P/M. Dehner

# **REVIEW PLAN**

**Eufaula Lake Environmental Impact Statement  
for Update of the Shoreline Management Plan  
and Supplement to the Master Plan**

**McIntosh County, Oklahoma**

**Tulsa District**

**MSC Approval Date: 14 December 2011**

**Last Revision Date: None**



**US Army Corps  
of Engineers®**

**REVIEW PLAN**

**Eufaula Lake Environmental Impact Statement  
for Update of the Shoreline Management Plan  
and Supplement to the Master Plan  
McIntosh County, OK**

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## 1. PURPOSE AND REQUIREMENTS

a. **Purpose.** This Review Plan defines the scope and level of peer review for the Eufaula Lake Environmental Impact Statement for Update of the Shoreline Management Plan and Supplement to the Master Plan.

### b. References

- (1) Engineering Circular (EC) 1165-2-209, Civil Works Review Policy, 31 Jan 2010
- (2) EC 1105-2-412, Assuring Quality of Planning Models, 31 Mar 2011
- (3) Engineering Regulation (ER) 1110-1-12, Quality Management, 30 Sep 2006
- (4) ER 1105-2-100, Planning Guidance Notebook, Appendix H, Policy Compliance Review and Approval of Decision Documents, Amendment #1, 20 Nov 2007
- (5) Project Management Plan: Eufaula Lake Environmental Impact Statement for Update of the Shoreline Management Plan and Supplement to the Master Plan, November 2011
- (6) Tulsa District Quality Control Plan for Civil Works Investigation, December 2010

c. **Requirements.** This review plan was developed in accordance with EC 1165-2-209, 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. In addition to these levels of review, decision documents are subject to cost engineering review and certification (per EC 1165-2-209) and planning model certification/approval (per EC 1105-2-412).

## 2. REVIEW MANAGEMENT ORGANIZATION (RMO) COORDINATION

The RMO is responsible for managing the overall peer review effort described in this Review Plan. The RMO for decision documents is typically either a Planning Center of Expertise (PCX) or the Risk Management Center (RMC), depending on the primary purpose of the decision document. The RMO for the peer review effort described in this Review Plan is Southwestern Division (SWD).

### 3. STUDY INFORMATION

- a. **Decision Document.** Tulsa District (SWT) will prepare an Environmental Impact Statement (EIS) to evaluate the significant environmental impacts of updating the Shoreline Management Plan (SMP) and supplementing the Master Plan (MP) for Eufaula Lake in McIntosh County, Oklahoma. USACE manages private shoreline uses at Eufaula Lake through a permit system that is based on the shoreline allocation classifications defined in the SMP for the lake. USACE determines the appropriate uses for the Federal lands surrounding Eufaula Lake using the land categories defined in the land allocation portion of the MP for the lake. The SMP and MP for Eufaula Lake were last updated in 1998 and 1977, respectively. Due to changed environmental conditions and public interest in enhancing recreational facilities and activities at Eufaula Lake, SWT is considering revising the shoreline allocations in the SMP and the Federal land allocations in the MP for the lake. Because these revisions could potentially result in significant environmental impacts, SWT must prepare an EIS.

The EIS for the update of the SMP and supplement to the MP for Eufaula Lake will be prepared in accordance with the requirements of the National Environmental Policy Act (NEPA) of 1969, as amended. The EIS will evaluate the impacts of alternatives including the no action alternative and the proposed plan as well as a range of other reasonable changes to the SMP and MP. Changes to the SMP and MP that are not consistent with established USACE regulations for SMPs and MPs will not be evaluated. The applicable regulations include Engineer Regulation 1130-2-406, Shoreline Management at Civil Works Projects, and Engineer Pamphlet 1130-2-550, Recreation Operations and Maintenance Guidance and Procedures.

After the EIS is finalized, SWT will prepare a Record of Decision (ROD) that states the decision, identifies all alternatives considered, specifies the preferred alternative and the environmentally preferred alternative, discusses all factors considered in the decision-making process, states how these factors affected the final decision, and states whether all practical means to avoid or minimize environmental impacts were adopted, and if not, why. SWT will forward the ROD to SWD for the SWD Commander to sign. After the ROD is signed, SWT's Operations Division will update the SMP and supplement the MP for Eufaula Lake.

- b. **Study/Project Description.** Eufaula Lake is a reservoir located on river mile 27 of the Canadian River in McIntosh County, Oklahoma. USACE constructed Eufaula Lake between 1956 and 1964. The authorized purposes of the lake are flood control, water supply, hydroelectric power, and navigation. Eufaula Lake has over 600 miles of shoreline and contains approximately 102,000 surface acres of water, making it the largest lake located entirely in the state of Oklahoma. USACE is responsible for managing the lake's land and water resources. Figure 1 is a map of Eufaula Lake.

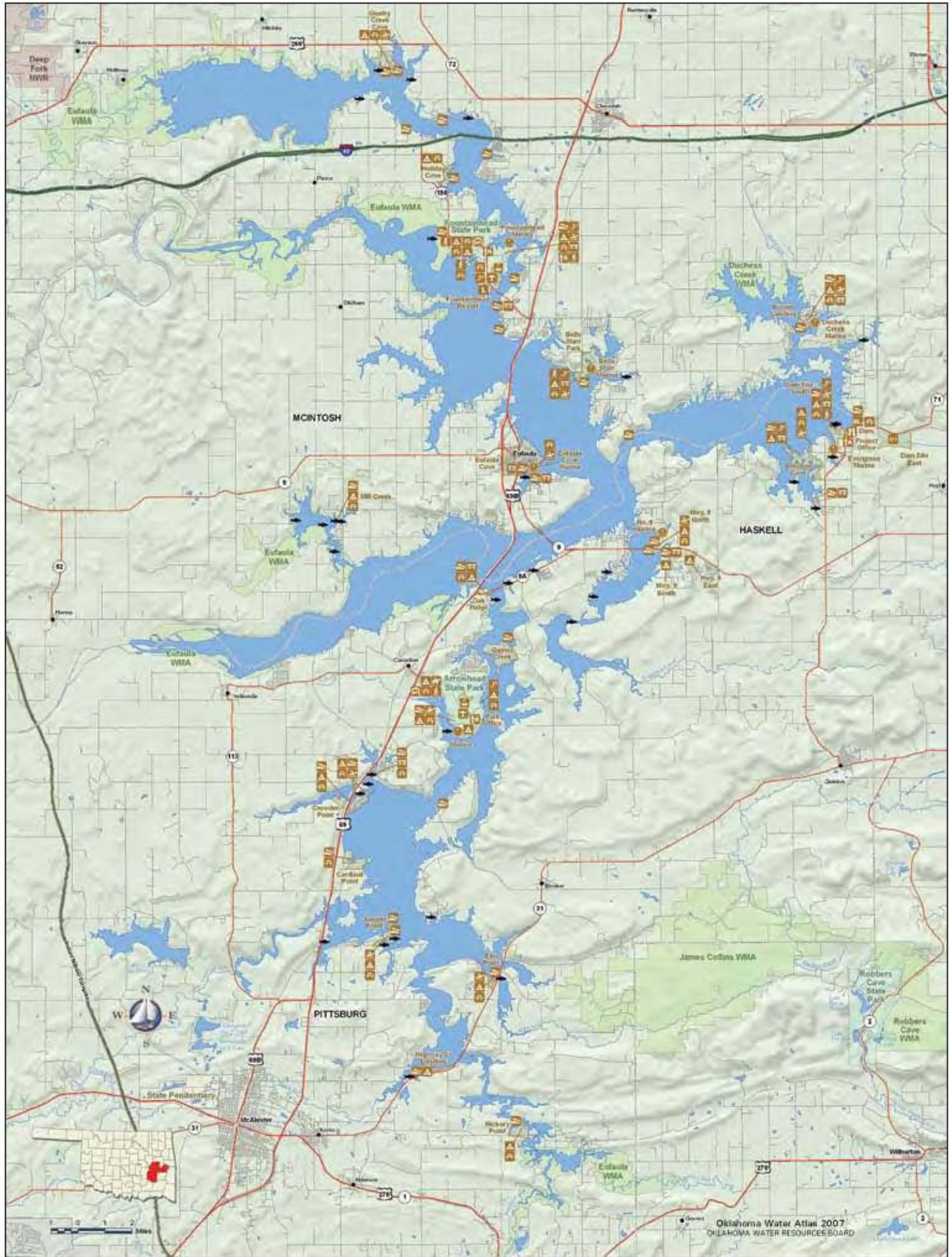


Figure 1. Map of Eufaula Lake (Oklahoma Water Resources Board, 2007)

- c. **Factors Affecting the Scope and Level of Review.** Multiple organizations will be involved in the preparation of the EIS for the update of the SMP and supplement to the MP for Eufaula Lake. The project delivery team (PDT) consists of staff from SWT as well as CDM, an Architect-Engineer firm that SWT has contracted to prepare the EIS. SWT will conduct public participation activities, including agency coordination, and will help CDM to develop alternatives. SWT PDT members include staff from the Planning and Environmental, Operations, Programs and Project Management, and Real Estate divisions, Regulatory and Public Affairs offices, and Office of Counsel. For a full list of SWT and CDM PDT members, see Attachment 1.

The project does not have a non-Federal sponsor. Funding for the project will come from Federal operations and maintenance (O&M) funds as well as voluntary contributions collected by the Oklahoma Tourism and Recreation Department. The total cost of the project is estimated to be \$3,500,000. In fiscal year (FY) 2011, SWT spent approximately \$1,800,000 of Federal O&M funds on the project. The project schedule anticipates that SWT will spend \$1,200,000 on the project in FY 12 and \$500,000 on the project in FY13. The President's Budget for FY12 included \$500,000 in O&M funds for the project; the additional \$700,000 needed for FY12 is expected to come from voluntary contributions and/or extra O&M funds. SWT has requested O&M funds for the \$500,000 needed for FY 13. If SWT does not receive the needed O&M funds and/or voluntary contributions, the project may be delayed or put on hold. PDT members estimate that there is a 30-50% chance of this happening.

During the 60-day public comment period following the scoping meeting for the EIS (see Section 11, Public Participation), SWT will accept proposals for recreational facilities and/or privately owned developments at Eufaula Lake from the public. Development proposals that have advanced to a detailed state of planning will be used to develop alternatives for the EIS. Only changes to the SMP and/or MP that are consistent with established USACE regulations for SMPs and MPs will be considered. The project-specific impacts of detailed proposals will be evaluated in the EIS. Less-detailed proposals will not be used to develop alternatives, and their impacts will only be assessed under cumulative impacts. Less-detailed proposals will require additional NEPA analysis prior to being implemented at the lake.

There are a large number of diverse stakeholders interested in the preparation and outcome of the Eufaula Lake EIS. Section 3134 of the Water Resources Development Act of 2007 authorized the Oklahoma Lakes Demonstration Program to encourage the enhancement of recreation facilities and activities at lakes in Oklahoma, including Eufaula Lake. Different stakeholders may have different ideas about how Eufaula Lake's shoreline and Federal lands should be used, however. Some are concerned about the rapid development that has occurred around the lake, and the increasing private use of public resources. Stakeholders are also concerned about the potential impacts that could result from revising the shoreline and Federal land allocations for the lake. The EIS will address socioeconomic impacts; shoreline impacts; impacts to cultural and ecological resources; public access and safety; impacts to lake use, public parks, and recreation; aesthetics; infrastructure; lake water quality; traffic patterns; terrestrial and aquatic fish and wildlife habitat; federally-listed threatened and endangered species; and cumulative impacts associated with past, current, and reasonably foreseeable future actions.

PDT members estimate that there is about a 5-10% chance that state and/or Federal agencies involved with the preparation of the EIS will require mitigation for the proposed revisions to the SMP and MP. Mitigation requirements could expand the scope of the EIS, making the project cost

more and/or take longer to implement. The PDT will coordinate with state and Federal agencies early and often to reduce this risk.

SWT put a moratorium on new shoreline use permits for Eufaula Lake in place at the beginning of the project. The purpose of the moratorium is to enable the PDT to accurately assess baseline environmental conditions in the lake area. SWT will lift the moratorium after the EIS is finalized and SWT updates the SMP. While the moratorium is in place, activities such as vegetation modification, erosion control, controlled burning, and the placement of floating and land-based facilities along the lake will be prohibited. Stakeholders who own property along the lake are concerned about the potential economic impacts of the moratorium and would like the moratorium to be lifted as soon as possible. According to the SMP, in 1997 SWT granted 1,101 floating facility permits and 1,294 land-based permits or licenses. The number of shoreline-use permits nearly tripled from 1976 to 1997 and the number of land-based permits and Real Estate licenses nearly doubled over the same period.

The preparation of the EIS is unlikely to be technically challenging. The information in the EIS is not likely to be based on novel methods, involve the use of innovative materials or techniques, present complex challenges for interpretation, contain precedent-setting methods or models, or present conclusions that are likely to change prevailing practices.

The EIS will not evaluate changes to the SMP or MP for Eufaula Lake that would pose significant threats to human life or safety assurance. Neither will the EIS justify any alternatives on the basis of life safety. Currently, approximately one mile of Eufaula Lake's shoreline is off-limits to the public due to security reasons, the protection of ecosystems, and the physical safety of the recreation visitor. These areas, which are allocated as prohibited access areas in the SMP, include areas near the dam and spillway and other hazardous locations. SWT does not permit the mooring of private floatation facilities and/or the modification of land form and vegetation in these areas.

The Governor of the affected state, Oklahoma, has not requested a peer review by independent experts.

**d. In-Kind Contributions.** Not Applicable.

#### **4. DISTRICT QUALITY CONTROL (DQC)**

All decision documents (including supporting data, analyses, environmental compliance documents, etc.) shall undergo DQC. DQC is an internal review process of basic science and engineering work products focused on fulfilling the project quality requirements defined in the Project Management Plan (PMP). The home district shall manage DQC. Documentation of DQC activities is required and should be in accordance with the Quality Manual of the District and the home MSC.

**a. Products to Undergo DQC.** The draft EIS and final EIS will undergo DQC. Additionally, components of the draft EIS may be reviewed before the draft EIS is reviewed as a whole.

**b. Required DQC Expertise.** SWT PDT members with expertise in the following technical disciplines will perform DQC: recreation, fish and wildlife, terrestrial/forest, limnology/water quality, hydrology, cultural resources, operations, real estate, socioeconomics, and other environmental resources



(aesthetics, air quality, noise, hazardous, toxic, and radiological waste (HTRW), and prime and unique farmlands).

- c. **Documentation of DQC.** DQC will be documented using a Microsoft Excel spreadsheet customized for this purpose. The spreadsheet will have columns for the comment number, location in the document to which the comment refers (chapter, section, page, and line, figure, or table), comment, and comment response. DQC reviewers will use a separate row for each of their comments.

**5. AGENCY TECHNICAL REVIEW (ATR)**

ATR is mandatory for all decision documents (including supporting data, analyses, environmental compliance documents, etc.). The objective of 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 USACE guidance, and that the document explains the analyses and results in a reasonably clear manner for the public and decision makers. ATR is managed within USACE by the designated 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. The ATR team lead will be from outside the home MSC.

- a. **Products to Undergo ATR.** The draft EIS and final EIS will undergo ATR.
- b. **Required ATR Team Expertise.** ATR team members may have expertise in more than one discipline.

ATR Team Members/Disciplines	Expertise Required
ATR Lead	The ATR lead should be a senior professional with extensive experience in preparing Environmental Impact Statements and conducting ATR. The lead should also have the necessary skills and experience to lead a virtual team through the ATR process. The ATR lead may also serve as a reviewer for a specific discipline (such as planning, economics, environmental resources, etc).
Recreation	The Recreation reviewer should have experience with lake and land-based recreation inventories and studies.
Fish and Wildlife	The Fish and Wildlife reviewer should have experience inventorying and evaluating the impacts of alternatives on fish and wildlife species, including federally-listed species and migratory birds; their communities, including fish spawning areas and wildlife corridors; and their habitats.
Terrestrial/Forest	The Terrestrial/Forest reviewer should have experience inventorying and evaluating the impacts of alternatives on plant species and vegetation communities including hardwood forests, riparian areas, and wetlands. The reviewer should also be familiar with using aerial photography to assess vegetation changes.
Limnology/Water Quality	The Limnology/Water Quality reviewer should have experience interpreting reservoir water quality data and evaluating the impacts of alternatives on lake water quality and the interactions between a lake’s biological, physical, and chemical components.

Hydrology	The Hydrology reviewer should have experience characterizing the hydrology of reservoirs and be familiar with sedimentation studies. The reviewer should also have experience evaluating the potential impacts of alternatives on the use of a reservoir for flood risk management.
Cultural Resources	The Cultural Resources reviewer should have experience conducting cultural resources investigations to comply with Section 106 of the National Historic Preservation Act of 1966, as amended.
Operations	The Operations reviewer should have experience analyzing land use on Federal and private lands and be familiar with the requirements for shoreline management plans and master plans for USACE reservoirs.
Real Estate	The Real Estate reviewer should have experience evaluating the real estate requirements and estimates of real estate values associated with revising the shoreline management plans and master plans for USACE reservoirs.
Socioeconomics	The Socioeconomics reviewer should have experience inventorying infrastructure, interpreting demographic and economic data, characterizing socio-cultural groups and their interests, and assessing environmental justice issues.
Other Environmental Resources	The Other Environmental Resources reviewer should have experience inventorying and evaluating the impacts of alternatives on lake aesthetics, air quality, traffic, HTRW, and prime and unique farmlands.

**c. Documentation of ATR.** DrChecks review software will be used to document all ATR comments, responses and associated resolutions accomplished throughout the review process. Comments should be limited to those that are required to ensure adequacy of the product. The four key parts of a quality review comment will normally include:

- (1) The review concern – identify the product’s information deficiency or incorrect application of policy, guidance, or procedures;
- (2) The basis for the concern – cite the appropriate law, policy, guidance, or procedure that has not been properly followed;
- (3) The significance of the concern – indicate the importance of the concern with regard to its potential impact on the plan selection, recommended plan components, efficiency (cost), effectiveness (function/outputs), implementation responsibilities, safety, Federal interest, or public acceptability; and
- (4) The probable specific action needed to resolve the concern – identify the action(s) that the reporting officers must take to resolve the concern.

In some situations, especially addressing incomplete or unclear information, comments may seek clarification in order to then assess whether further specific concerns may exist.

The ATR documentation in DrChecks will include the text of each ATR concern, the PDT response, a brief summary of the pertinent points in any discussion, including any vertical team coordination

(the vertical team includes the district, RMO, MSC, and HQUSACE), and the agreed upon resolution. If an ATR concern cannot be satisfactorily resolved between the ATR team and the PDT, it will be elevated to the vertical team for further resolution in accordance with the policy issue resolution process described in either ER 1110-1-12 or ER 1105-2-100, Appendix H, as appropriate. Unresolved concerns can be closed in DrChecks with a notation that the concern has been elevated to the vertical team for resolution.

At the conclusion of each ATR effort, the ATR team will prepare a Review Report summarizing the review. Review Reports will be considered an integral part of the ATR documentation and shall:

- Identify the document(s) reviewed and the purpose of the review;
- Disclose the names of the reviewers, their organizational affiliations, and include a short paragraph on both the credentials and relevant experiences of each reviewer;
- Include the charge to the reviewers;
- Describe the nature of their review and their findings and conclusions;
- Identify and summarize each unresolved issue (if any); and
- Include a verbatim copy of each reviewer's comments (either with or without specific attributions), or represent the views of the group as a whole, including any disparate and dissenting views.

ATR may be certified when all ATR concerns are either resolved or referred to the vertical team for resolution and the ATR documentation is complete. The ATR Lead will prepare a Statement of Technical Review certifying that the issues raised by the ATR team have been resolved (or elevated to the vertical team). A Statement of Technical Review should be completed, based on work reviewed to date, for the draft EIS and final EIS. A sample Statement of Technical Review is included in Attachment 2.

## **6. INDEPENDENT EXTERNAL PEER REVIEW (IEPR)**

IEPR may be required for decision documents under certain circumstances. IEPR is the most independent level of review, and is applied in cases that meet certain criteria where the risk and magnitude of the proposed project are such that a critical examination by a qualified team outside of USACE is warranted. A risk-informed decision, as described in EC 1165-2-209, is made as to whether IEPR is appropriate. IEPR panels will consist of independent, recognized experts from outside of the USACE in the appropriate disciplines, representing a balance of areas of expertise suitable for the review being conducted. There are two types of IEPR:

- **Type I IEPR.** Type I IEPR reviews are managed outside the USACE and are conducted on project studies. Type I IEPR panels assess the adequacy and acceptability of the economic and environmental assumptions and projections, project evaluation data, economic analysis, environmental analyses, engineering analyses, formulation of alternative plans, methods for integrating risk and uncertainty, models used in the evaluation of environmental impacts of proposed projects, and biological opinions of the project study. Type I IEPR will cover the entire decision document or action and will address all underlying engineering, economics, and environmental work, not just one aspect of the study. For decision documents where a Type II IEPR (Safety Assurance Review) is anticipated during project implementation, safety assurance shall also be addressed during the Type I IEPR per EC 1165-2-209.

- Type II IEPR. Type II IEPR, or Safety Assurance Review (SAR), are managed outside the USACE and are conducted on design and construction activities for hurricane, storm, and flood risk management projects or other projects where existing and potential hazards pose a significant threat to human life. Type II IEPR panels will conduct reviews of the design and construction activities prior to initiation of physical construction and, until construction activities are completed, periodically thereafter on a regular schedule. The reviews shall consider the adequacy, appropriateness, and acceptability of the design and construction activities in assuring public health safety and welfare.
- a. **Decision on IEPR.** Neither IEPR Type I nor Type II is recommended for the draft or final EIS. The EIS does not meet any of the mandatory triggers for Type I IEPR described in Paragraph 11.d.(1) and Appendix D of EC 1165-2-209. Neither does the EIS meet any of the criteria for conducting Type II IEPR described in Paragraph 2 of Appendix D of EC 1165-2-209. Updating the SMP and supplementing the MP for Eufaula Lake does not pose a significant threat to human life nor will any of the alternatives evaluated in the EIS be justified on the basis of life safety. The estimated total cost of the project is much less than \$45 million. The Governor of an affected state has not requested a peer review by independent experts. Neither the Director of Civil Works nor the Chief of Engineers has determined that the project study is controversial due to significant public dispute over the size, nature, or effects of the project or the economic or environmental costs or benefits of the project. No heads of Federal or state agencies charged with reviewing the project study have determined that the project is likely to have a significant adverse impact on environmental, cultural, or other resources under the jurisdiction of the agency after implementation of proposed mitigation plans, if any. The EIS will not contain influential scientific information or be a highly influential scientific assessment, nor will it use innovative materials or techniques, be based on novel methods, present complex challenges for interpretation, contain precedent-setting methods or models, or present conclusions that are likely to change prevailing practices.
  - b. **Products to Undergo Type I IEPR.** Not Applicable.
  - c. **Required Type I IEPR Panel Expertise.** Not Applicable.
  - d. **Documentation of Type I IEPR.** Not Applicable.

## 7. POLICY AND LEGAL COMPLIANCE REVIEW

All decision documents will be reviewed throughout the study process for their compliance with law and policy. Guidance for policy and legal compliance reviews is addressed in Appendix H, ER 1105-2-100. These reviews culminate in determinations that the recommendations in the reports and the supporting analyses and coordination comply with law and policy, and warrant approval or further recommendation to higher authority by the home MSC Commander. DQC and ATR augment and complement the policy review processes by addressing compliance with pertinent published Army policies, particularly policies on analytical methods and the presentation of findings in decision documents.

**8. COST ENGINEERING DIRECTORY OF EXPERTISE (DX) REVIEW AND CERTIFICATION.**

Not Applicable.

All decision documents shall be coordinated with the Cost Engineering DX, located in the Walla Walla District. The DX will assist in determining the expertise needed on the ATR team and Type I IEPR team (if required) and in the development of the review charge(s). The DX will also provide the Cost Engineering DX certification. The RMO is responsible for coordination with the Cost Engineering DX.

**9. MODEL CERTIFICATION AND APPROVAL**

EC 1105-2-412 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. Planning models, for the purposes of the EC, are defined as any models and analytical tools that planners use to define water resources management problems and opportunities, to formulate potential alternatives to address the problems and take advantage of the opportunities, to evaluate potential effects of alternatives and to support decision making. The use of a certified/approved planning model does not constitute technical review of the planning product. The selection and application of the model and the input and output data is still the responsibility of the users and is subject to DQC, ATR, and IEPR (if required).

EC 1105-2-412 does not cover engineering models used in planning. The responsible use of well-known and proven USACE developed and commercial engineering software will continue and the professional practice of documenting the application of the software and modeling results will be followed. As part of the USACE Scientific and Engineering Technology (SET) Initiative, many engineering models have been identified as preferred or acceptable for use on Corps studies and these models should be used whenever appropriate. The selection and application of the model and the input and output data is still the responsibility of the users and is subject to DQC, ATR, and IEPR (if required).

**a. Planning Models.** No planning models are anticipated to be used in the development of the decision document. If, during the course of the project, the PDT decides that planning models must be used, the Review Plan will be revised to include information about the models. For each planning model, the following information will be provided: the name and version of the model, a brief description of the model and how it will be applied in the study, and the model’s certification/approval status. Additionally, the schedule and costs of certifying/approving the model(s) will be added to 10.c.

**b. Engineering Models.** The following engineering models are anticipated to be used in the development of the decision document:

Model Name and Version	Brief Description of the Model and How It Will Be Applied in the Study	Approval Status
Spreadsheet Tool for Estimating Pollutant Loads (STEPL) 4.1 <i>(Tentative)</i>	STEPL, which was developed by Tetra Tech, Inc. for the U.S. Environmental Protection Agency, provides the capability to compute watershed surface runoff, nutrient loads (nitrogen, phosphorus, and 5-day biological oxygen demand) and sediment delivery based on various land uses and management practices.	Unknown

## 10. REVIEW SCHEDULES AND COSTS

- a. **ATR Schedule and Cost.** ATR will occur concurrently with the public review of the draft and final EISs. Public review of the draft EIS is currently scheduled for October 31 – December 15, 2012 (45 days) and public review of the final EIS is scheduled for March 31 – April 30, 2013 (30 days).

Activity	Start Date	Finish Date	Duration
ATR of Draft EIS	10/31/12	12/15/12	45
ATR of Final EIS	3/31/13	4/30/13	30

The estimated cost of the ATR is \$52,500, which is equivalent to 1.5% of the estimated total project cost (\$3,500,000).

- b. **Type I IEPR Schedule and Cost.** Not Applicable.
- c. **Model Certification/Approval Schedule and Cost.** Not Applicable.

## 11. PUBLIC PARTICIPATION

There will be multiple opportunities for public comment on the project, including a listening session and a scoping meeting held shortly after the Notice of Intent (NOI) to prepare an EIS is published in the Federal Register, a 60-day public comment period following the scoping meeting, a 45-day public review of the draft EIS, and a 30-day public review of the final EIS. The current schedule for public participation activities is as follows:

Activity	Start Date	Finish Date	Duration (days)
Issue Notice of Intent	4/25/11	4/26/11	1
Publish Public Notice for Scoping Meeting	5/2/11	5/31/11	29
Listening Session	5/31/11	5/31/11	1
Scoping Meeting/Lake Office Open House	6/2/11	6/2/11	1
Public Comment Period	6/3/11	8/2/11	60
Scoping Report	8/3/11	8/31/11	28
Draft EIS Public Review Period	10/31/12	12/15/12	45
Final EIS Public Review Period	3/31/13	4/30/13	30
Prepare and Issue Record of Decision	4/30/13	5/30/13	30

A scoping report will be provided to reviewers before they review the draft EIS. The scoping report will contain public comments received during the public comment period following the scoping meeting. The scoping report will also contain SWT's responses to substantive comments. The scoping report will organize comments and responses by topic.

Comments received during the public review period for the draft EIS and SWT responses to those comments will be provided to reviewers before they review the final EIS.

The public will not be asked to nominate potential peer reviewers.

## **12. REVIEW PLAN APPROVAL AND UPDATES**

The Southwestern Division Commander is responsible for approving this Review Plan. The Commander's approval reflects vertical team input (involving district, MSC, RMO, and HQUSACE members) as to the appropriate scope and level of review for the decision document. Like the PMP, the Review Plan is a living document and may change as the study progresses. The home district is responsible for keeping the Review Plan up to date. Minor changes to the review plan since the last MSC Commander approval are documented in Attachment 3. Significant changes to the Review Plan (such as changes to the scope and/or level of review) should be re-approved by the MSC Commander following the process used for initially approving the plan. The latest version of the Review Plan, along with the Commanders' approval memorandum, should be posted on the Home District's webpage. The latest Review Plan should also be provided to the RMO and home MSC.

## **13. REVIEW PLAN POINTS OF CONTACT**

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

- Bryan Taylor, Project Manager, Programs and Project Management Division, Tulsa District, (918)669-4950, [bryan.k.taylor@usace.army.mil](mailto:bryan.k.taylor@usace.army.mil)
- Ken Conley, NEPA Specialist, Planning and Policy, Southwestern Division, (469)487-7104, [kenneth.e.conley@usace.army.mil](mailto:kenneth.e.conley@usace.army.mil)

**ATTACHMENT 1: TEAM ROSTERS**

<b>Project Delivery Team (PDT) Members</b>			
<b>Function / Organization</b>	<b>Name</b>	<b>Phone</b>	<b>Email Address</b>
Project Manager CESWT-PP-PC	Bryan Taylor	918-669-4950	<a href="mailto:Bryan.K.Taylor@usace.army.mil">Bryan.K.Taylor@usace.army.mil</a>
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<b>Agency Technical Review (ATR) Team Members</b>			
<b>Function / Organization</b>	<b>Name</b>	<b>Phone</b>	<b>Email Address</b>
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Fish and Wildlife Org Code	TBD	TBD	TBD
Terrestrial/Forest Org Code	TBD	TBD	TBD
Limnology/Water Quality Org Code	TBD	TBD	TBD
Hydrology Org Code	TBD	TBD	TBD
Cultural Resources Org Code	TBD	TBD	TBD
Operations Org Code	TBD	TBD	TBD
Real Estate Org Code	TBD	TBD	TBD
Socioeconomics Org Code	TBD	TBD	TBD
Other Environmental Resources Org Code	TBD	TBD	TBD
* The ATR Lead and team members will be selected from outside of the home district, SWT, and the home MSC, SWD.			

<b>Review Management Organization (RMO) / Major Subordinate Command (MSC) / Regional Integration Team (RIT) Members</b>			
<b>Function / Organization</b>	<b>Name</b>	<b>Phone</b>	<b>Email Address</b>
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**ATTACHMENT 2: SAMPLE STATEMENT OF TECHNICAL REVIEW FOR DECISION DOCUMENTS**

**COMPLETION OF AGENCY TECHNICAL REVIEW**

The Agency Technical Review (ATR) has been completed for the Environmental Impact Statement for the update of the Shoreline Management Plan and supplement to the Master Plan for Eufaula Lake, McIntosh County, Oklahoma. The ATR was conducted as defined in the project’s Review Plan to comply with the requirements of EC 1165-2-209. 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 DrChecks<sup>sm</sup>.

*SIGNATURE*

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TBD  
ATR Team Leader  
TBD

\_\_\_\_\_  
Date

*SIGNATURE*

---

Bryan Taylor  
Project Manager  
CESWT-PP-PC

\_\_\_\_\_  
Date

*SIGNATURE*

---

Name  
Architect Engineer Project Manager<sup>1</sup>  
Company, location

\_\_\_\_\_  
Date

*SIGNATURE*

---

Name  
Review Management Office Representative  
Office Symbol

\_\_\_\_\_  
Date

**CERTIFICATION OF AGENCY TECHNICAL REVIEW**

Significant concerns and the explanation of the resolution are as follows: Describe the major technical concerns and their resolution.

As noted above, all concerns resulting from the ATR of the project have been fully resolved.

*SIGNATURE*

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Earl Groves  
Chief, Operations Division  
CESWT-OD

\_\_\_\_\_  
Date

*SIGNATURE*

---

Susan Haslett  
Chief, Planning Division  
CESWT-PE

\_\_\_\_\_  
Date

<sup>1</sup> Only needed if some portion of the ATR was contracted

**ATTACHMENT 3: REVIEW PLAN REVISIONS**

<b>Revision Date</b>	<b>Description of Change</b>	<b>Page / Paragraph Number</b>