



**US Army Corps  
of Engineers®**

Prepared by:  
**South Pacific Division  
San Francisco District**

**Warm Springs Dam and Lake Sonoma  
Russian River, California  
Water Control Manual Update  
Review Plan - Implementation**

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**MSC Approval Date:** (Pending)  
**Expiration Date:** (3 years after South Pacific Division approval)  
**Last Revision Date:** May 12, 2025

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# 1.0 Introduction

## 1.1 Purpose

This Review Plan has been prepared for the implementation document titled *Warm Springs Dam and Lake Sonoma, Dry Creek, California, Water Control Manual* (WCM). This draft updated WCM serves to replace an existing implementation document titled *Warm Springs Dam and Lake Sonoma, Dry Creek, California, Water Control Manual*, dated September 1984. *Exhibit E, Operational Requirements for Preflood and Periodic Inspections and Maintained Activities*, dated June 2011, was later added to the 1984 WCM. The Water Control Plan (WCP) is being updated as part of this revision to the WCM. The implementation of the updated WCM will begin upon approval and acceptance of the draft updated WCM.

## 1.2 References

- EC 1105-2-412, Assuring Quality of Planning Models, 31 March 2011
- ER 5-1-11, USACE Business Process, 31 Jul 2018
- ER 1110-2-240, Water Control Management, 30 May 2016
- ER 1110-2-1156, Safety of Dams-Policy and Procedures, 31 March 2014
- ER 1110-2-8156, Preparation of Water Control Manuals, 30 September 2018
- ER 1110-1-8159, Engineering and Design, DrChecks, 1 January 2015
- ER 1165-2-217, Civil Works Review Policy, 2 September 2024
- Engineering and Construction Bulletin (ECB) 2024-3, Technical Lead for Engineering and Construction Deliverables, 9 May 2024
- Warm Springs Dam and Lake Sonoma, Dry Creek, California, Water Control Manual, September 1984. (Link: [WarmSprings1984CompleteManual.pdf](#)). The file is located on ProjectWise at the following location: pw:\\PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CESPN - San Francisco District\Documents\SPN\_Team\_Data\Orgs\CESPN-EC\CESPN-ECE\CESPN-ECE-W\CESPN-ECE-W\_Admin Folders\Water\_Management\Water Control Manuals\Warm Springs Dam\WarmSprings1984CompleteManual.pdf.
- SPN Business Quality Procedure 7.2.01 – Quality Management for Engineering Branch (Link: [SPN BQP 7.2.01](#)). The file is located on ProjectWise at the following location: [https://usace.dps.mil/w:/r/sites/INTRA-SPN/\\_layouts/15/doc2.aspx?sourcedoc=%7BE5D5B5F0-F988-4759-BEA5-34A7A0092B86%7D&file=SPN-BQP-7201-Engineering-QMP\\_v1-STH.docx&action=default&mobileredirect=true&CID=078E203F-A4C3-46F8-87FC-3E2F98079A10&wdLOR=c81F5721E-DBB2-437E-9DC5-7A5EDDFD063B](https://usace.dps.mil/w:/r/sites/INTRA-SPN/_layouts/15/doc2.aspx?sourcedoc=%7BE5D5B5F0-F988-4759-BEA5-34A7A0092B86%7D&file=SPN-BQP-7201-Engineering-QMP_v1-STH.docx&action=default&mobileredirect=true&CID=078E203F-A4C3-46F8-87FC-3E2F98079A10&wdLOR=c81F5721E-DBB2-437E-9DC5-7A5EDDFD063B)

- Endangered Species Act Section 7 Consultation, Biological Opinion for Water Supply, Flood Control Operations, and Channel Maintenance conducted by the U.S. Army Corps of Engineers, the Sonoma County Water Agency, and the Mendocino County Russian River Flood Control and Water Conservation Improvement District in the Russian River Watershed. 24 September 2008.
- Lake Mendocino Forecast Informed Reservoir Operations Final Viability Assessment, December 2020. (Link: [FVA 12-28-20 1415 PST\\_FULLL508.pdf](#)). The file is located on ProjectWise at the following location: pw:\PWINT-WPC.EIS.DS.USACE.ARMY.MIL:CESPN - San Francisco District\Documents\SPN\_Team\_Data\Orgs\CESPN-EC\CESPN-ECE\CESPN-ECE\_Staff\TL\_Guidance\2005\_SPN Design SOP.pdf.
- CESPN-ECE-W, MEMORANDUM FOR RECORD [DRAFT], SUBJECT: Hydrologic Engineering Management Plan (HEMP) for the Lake Sonoma FIRO Viability Assessment. 14 July 2023.

### **1.3 Review Management Organization**

The RMO is responsible for managing the overall peer review effort described in this review plan. The RMO for implementation documents is the home Major Subordinate Command (MSC). The MSC will coordinate and approve the review plan and manage the Agency Technical Review (ATR). The home District will post the approved review plan on its public website.

## 2.0 Project Description

### 2.1 Introduction and Purpose

The 1984 WCM is the most recent approved implementation document for water management of Warm Springs Dam and Lake Sonoma (Figure 1), and the water control plan contained within it is currently in use. The 1984 WCM was prepared by the Sacramento District (SPK).

In August of 1982, an overall reorganization within South Pacific Division (SPD) transferred San Francisco District's (SPN) Water Control/Water Management responsibilities to SPK. In 2010, the Regional Management Board (RMB) approved the plan for SPN to resume responsibilities. Subsequent revisions on Appendix E to the 1984 WCM were prepared by SPN.

The Warm Springs Dam and Lake Sonoma Project, including downstream channel improvements, was authorized by the Flood Control Act of 1962 and completed construction in 1983. The project stands on Dry Creek, a major tributary of the Russian River. It should be noted that the Warm Springs Dam and Lake Sonoma Project is located within the same watershed that contains the Coyote Valley Dam and Lake Mendocino Project (Figure 2). Both projects are owned and operated by SPN and are multipurpose with the objectives of providing flood protection to the areas below Warm Springs Dam and Coyote Valley Dam, as well as supplying water needs for domestic, industrial, and agricultural uses.

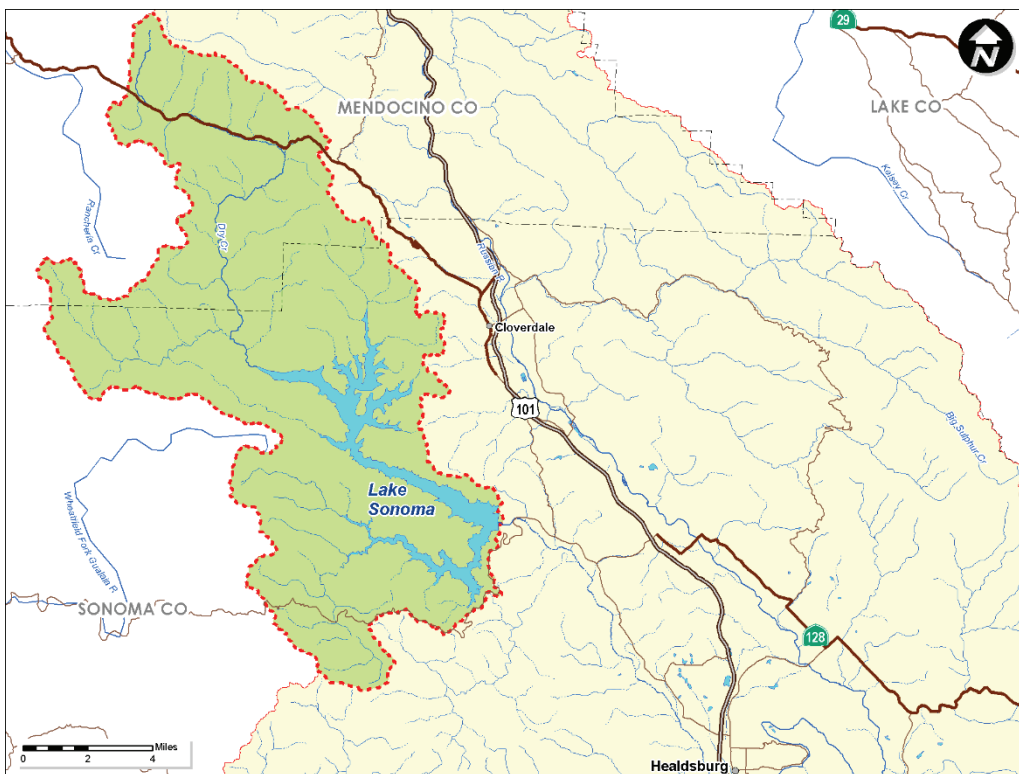


Figure 1. Warm Springs Dam and Lake Sonoma



Figure 2. Russian River Watershed

A Biological Opinion issued in 2009 by the National Marine Fisheries Service mandated SPN and Sonoma Water to perform Reasonable and Prudent Measures to save threatened salmonid species on Dry Creek, downstream of the Project. SPN has completed Continuing Authority Program and General Investigations feasibility studies which evaluated the ecosystem restoration measures and will be constructing them in select reaches of Dry Creek (Figure 3). Sonoma Water will also be evaluating and constructing measures in the remaining reaches of Dry Creek.

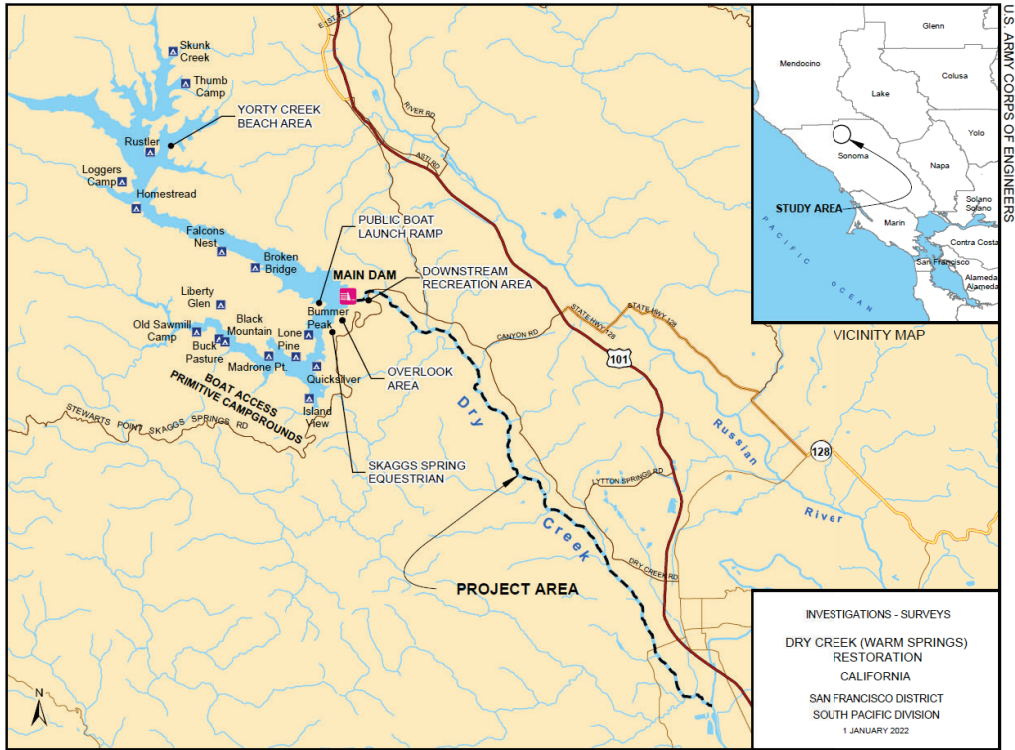


Figure 3. Dry Creek Restoration Project Location

As of the writing of this Review Plan, the Dam Safety Action Classification (DSAC) for Warm Springs Dam is DSAC IV. A new Periodic Assessment of the dam began on September 26, 2021. The completed PA report and DSAC classification are scheduled to be reviewed and approved sometime in calendar year 2025.

Under current operations prescribed by the existing 1984 WCM, reservoir release decisions for Warm Springs Dam are made based on water on the ground, i.e. rainfall and runoff that has been observed to occur. Storage in the flood control space (above pool elevation 451.1 ft) may only be temporary and storage within the water supply space (below pool elevation 451.1 ft) can be indefinite (Figure 4). The water managers make the reservoir release decisions, which are then provided to dam tenders to implement said decisions through necessary service gate or powerplant turbine changes. The water managers meet with dam tenders on an annual basis to ensure that everyone is aware of the rules prescribed by the existing WCM. Data management (such as recorded inflow and outflow) is the responsibility of SPK resulting from a MOA that was signed between SPN and SPK.

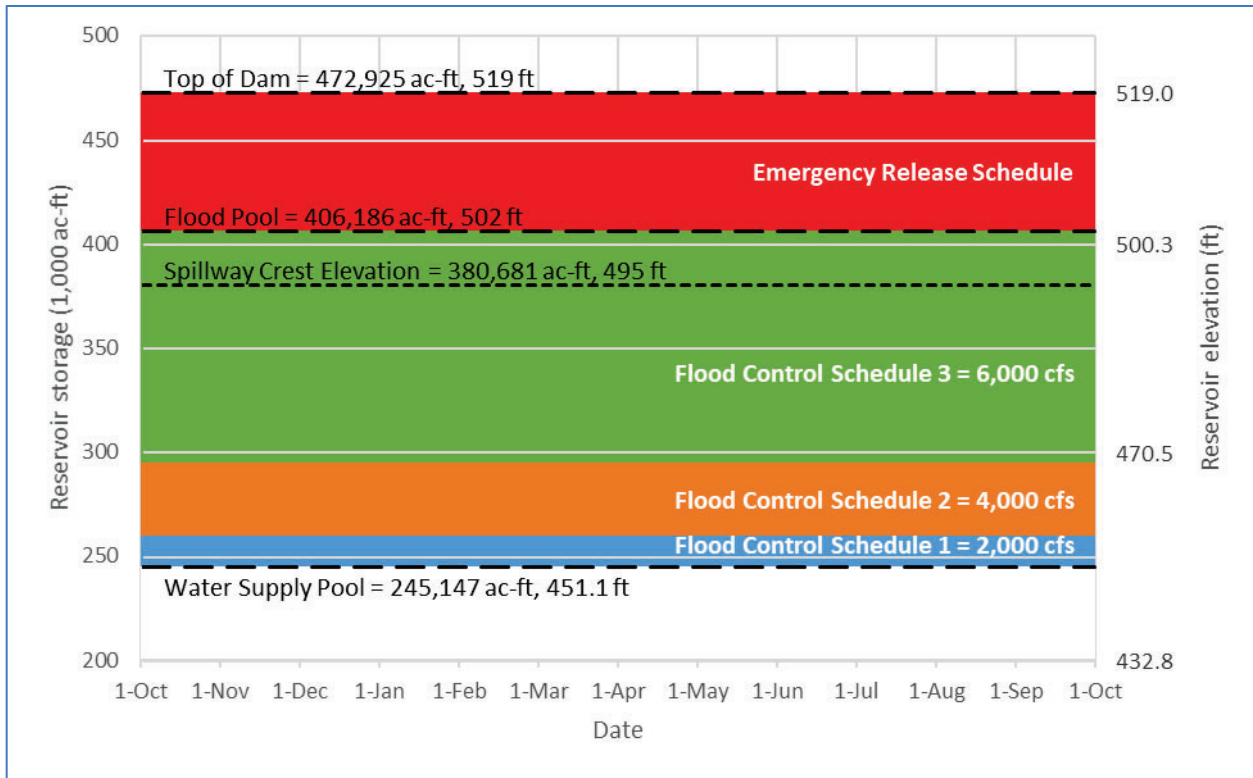


Figure 4. Existing WCP for Warm Springs Dam

The intent of the Warm Springs Dam WCM update is to include a new WCP that allows for some form of Forecast Informed Reservoir Operations (FIRO) within the flood control space. A FIRO viability assessment will be conducted by the Russian River FIRO Steering Committee to determine the viability of leveraging existing and new forecast products to meet the water supply and flood risk management objectives of the Project. The viability assessment will evaluate and recommend a set of operating alternatives that incorporate FIRO principles resulting from detailed technical analyses via numerical modeling with a focus on reservoir operations and equivalent annual damages. The way in which the operating alternatives will be setup, run, and evaluated is described in the Hydrologic Engineering Management Plan that was developed by SPN in conjunction with the committee [*CESPN-ECE-W, MEMORANDUM FOR RECORD, SUBJECT: Hydrologic Engineering Management Plan (HEMP) for the Lake Sonoma FIRO Viability Assessment*]. SPN will lead and oversee the detailed technical analyses of the viability assessment for Warm Springs Dam, and will ensure this work is subject to the DQC and ATR processes described in section 3.2 and 4.2 of this Review Plan. SPN will directly utilize the results from the detailed technical analyses of the viability assessment as part of the overall update of the WCM for Warm Springs Dam when formulating the new WCP. The remaining tasks of the overall update of the WCM for Warm Springs Dam include updating the reservoir inflow hydrology, conducting the necessary environmental analyses, compiling the necessary chapters and plates, and conducting other technical tasks as needed.

## 2.2 Factors Affecting the Scope and Level of Review

The following are items that will require technical review from the FIRO viability assessment and from the update to the WCM

- Project description, project operational history, plates, tables, and exhibits

- Hydrology update, such as updated inflow, outflow, elevation-duration frequency analysis, and Probable Maximum Flood (PMF)
- Reservoir operational rules as part of the WCP
- National Environmental Policy Act (NEPA) Document (Environmental Assessment)
- Equivalent Annual Damages (EAD) computation

The updated WCM will serve to completely replace the last official implementation document, the 1984 WCM. The updated WCM will also be prepared in accordance with the policies as provided in the guidance for Water Control Management ER 1110-2-240, and also adhere to the format for the Preparation of Water Control Manuals, ER 1110-2-8156. The approval level for all updates made within the updated implementation document, the WCM (if policy compliant), is at the home MSC (SPD).

The WCP, as part of the WCM update, is anticipated to (1) allow for flood control releases within the currently defined water supply space of the reservoir if forecasts indicate the strong potential for significant inflow events to occur; (2) continue to provide the same, if not better, overall flood risk management downstream of the dam as the operating rules that are provided in the 1984 WCM; and (3) allow for the temporary storage of water within the currently defined flood control space of the reservoir for water supply purposes if forecasts indicate the strong potential for little to no inflow during the winter and early spring season and its continued implementation.

The proposed changes to the WCP are not anticipated to result in significant economic, environmental, and social effects to the nation. There are no anticipated structural changes to the dam and its outlet works. There are no anticipated changes to the definition of the water supply pool versus flood control pool within the reservoir (i.e. no reallocation of water). Therefore, it is anticipated that all components for review for the draft WCM will require DQC review and ATR, and no IEPR is needed. The specific disciplines required for ATR reviewers include personnel within the disciplines of economics, environmental, hydraulics, hydrology, and water management.

Much of the information presented in the 1984 WCM will continue to be presented in this WCM update as long as it is compliant with ER 1110-2-8156. Additionally, the dam's operation and maintenance (O&M) manual will be reviewed and will be updated as appropriate.

## 3.0 District Quality Control

### 3.1 Requirements

All implementation documents (including supporting data, analyses, reports, environmental compliance documents, water control manuals, etc.) and risk assessment reports shall undergo DQC in accordance with ER 1165-2-217. Additionally, SPN has its own quality control/quality assurance procedures to follow for DQC: Business Quality Procedure 7.2.01 for Quality Management for Engineering Branch (Link: [SPN BQP 7.2.01](#)).

DQC will be performed on all early release decision information (i.e., hydraulic conditions, geotechnical parameters, loading conditions, etc.) and certified complete down to the component or sub-component level prior to incorporation into the design. SPN shall perform these minimum required reviews as required by ER 1165-2-217.

### 3.2 Products to Undergo DQC

- The technical analyses from the FIRO viability assessment, namely:
  - Reservoir simulation model analysis
  - Economics analyses (namely computation of EAD)
- All efforts and products directly associated with the update to the WCM, namely:
  - The text, figures, plates and exhibits of the WCM (which includes the WCP)
  - Updated hydrology (such as reservoir inflow frequency, downstream unregulated flow frequency, and the Probable Maximum Flood)
  - Environmental analysis

### 3.3 DQC Schedule

The schedule for DQC of the updated WCM is to be determined. Under the current approach, DQC will not occur concurrently with ATR. See Attachment 1, for the DQC Lead, reviewers, and reviewer’s disciplines.

Submittal	Review Start Date	Review End Date
Hydrology (calibration/validation of HEC-HMS model and determination of Probable Maximum Flood)	January 2025	March 2025
Hydrology (reservoir inflow frequency)	June 2025	August 2025
Hydrology (reservoir stage frequency)	August 2025	October 2025
Hydrology (unregulated frequency)	TBD	TBD
Viability Assessment/Modeling Report	TBD	TBD
WCM	TBD	TBD

*Table 1. Schedule of DQC*

## **4.0 Agency Technical Review**

### **4.1 Requirements**

All implementation documents (including supporting data, analyses, reports, environmental compliance documents, water control manuals, etc.) shall undergo ATR in accordance ER 1165-2-217. ATR reviews will occur seamlessly, including early involvement of the ATR team for validation of key decisions, and at the scheduled milestones as shown in Section 4.4.

Documentation of ATR will occur using the requirements of ER 1165-2-217. This includes the four-part comment structure and the use of DrChecks<sup>SM</sup>.

### **4.2 Products to Undergo ATR**

The preparation of the updated WCM will be in accordance with the District and MSC Quality Management Plans, and ER1110-2-8156. The ATR shall be conducted according to protocol set forth in this review plan. Certification of the ATR will be provided prior to the SPD Commander approving the updated implementation document, the updated WCM.

Work products that will undergo ATR include:

- The technical analyses from the FIRO viability assessment, namely:
  - Reservoir simulation model analysis
  - Economics analyses (namely computation of EAD)
- All efforts and products directly associated with the update to the WCM, namely:
  - The text, figures, plates and exhibits of the WCM (which includes the WCP)
  - Updated hydrology (such as reservoir inflow frequency, downstream unregulated flow frequency, and the Probable Maximum Flood)
  - Environmental analyses

### **4.3 Required Team Expertise and Requirements**

ATR teams will be established in accordance with ER 1165-2-217, and will be comprised of individuals that have experience as listed in 2. All Engineering and Construction ATR reviewers must be registered in the Corps of Engineers Reviewer Certification and Access Program (CERCAP) system, per Engineering & Construction Bulletin ECB 2013-28. It is anticipated that the team will consist of approximately four (4) reviewers. The ATR lead will be identified prior to completion of the updated draft WCM. ATR team members will be identified after the ATR lead has been identified, as the ATR lead will assist with assembling the review team and will track and document the ATR process. The ATR lead will also oversee the ATR Certification process and provide copies of all documentation to the home District for inclusion into the updated implementation document. See Attachment 1 for the ATR Lead, reviewers, and reviewer's disciplines.

ATR Team Members/Disciplines	Expertise Required
ATR Lead	The ATR lead should be a senior professional preferably with experience in preparing water management decision documents and conducting ATRs. The lead should also have the necessary skills and experience to lead a virtual team through the ATR process. Typically, the ATR lead will also serve as a reviewer for a specific discipline (such as planning, hydraulics, hydrology, economics, environmental resources, etc). The ATR lead must be from outside of the SPD.
Water Management (Reservoir Regulation) and Flood Forecasting	The reviewer of this draft WCM document should be a senior professional, preferably within a water management group, with experience evaluating water control operations and developing water control manuals, and with experience in accounting for the uncertainties of ensemble and deterministic weather forecast products when used to inform real-time reservoir release decision making.
Hydrology and Hydraulics	The reviewer should be a hydrologist or hydraulic engineer proficient with river hydraulics, floodplain mapping, hydrologic statistics, risk and uncertainty analysis, and a number of other closely associated technical subjects.
Environmental	The reviewer should have experience in the integration of environmental evaluation and compliance requirements pursuant to the “Procedures for Implementing NEPA” (ER 200-2-2), national environmental statutes, applicable executive orders, and other Federal planning requirements, into the planning of Civil Works projects.
Economics	The economist shall be knowledgeable and experienced with standard Corps of Engineers (USACE) economic modeling tools (e.g., HEC-FIA) and techniques used to estimate population at risk, life loss, and economic damages as they pertain to flood risk reduction projects.

*Table 2. ATR Expertise Required*

#### 4.4 ATR Schedule

The preliminary ATR milestone schedule is listed in Table 3. The cost for the ATR is TBD. Review durations shown below include the review period (30 days), comment evaluation period (5 days), and the review conference. This cost does not include labor for PDT participation. PDT labor for such tasks has been captured in the water control update scope of work estimates for the individual technical products.

<b>Submittal</b>	<b>Review Start Date</b>	<b>Review End Date</b>
Hydrology (calibration/validation of HEC-HMS model, determination of Probable Maximum Flood, reservoir inflow frequency, and reservoir stage frequency)	March 2025	In-Progress
Hydrology (unregulated frequency)	TBD	TBD
Viability Assessment/Modeling Report	TBD	TBD
WCM Report	TBD	TBD

*Table 3. ATR Schedule and Cost*

## 5.0 Safety Assurance Review (SAR)

A SAR is considered for implementation documents; a WCM is considered an “Other Work Product”, and therefore, there is no requirement for SAR. SAR is the most independent level of review for implementation documents or other work products 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 of experts outside USACE is warranted. The purpose of SAR is to have external panels assess the critical decisions and criteria of the Preconstruction Engineering and Design or construction activities prior to initiating physical construction and periodically thereafter until construction activities are completed as required in the Review Plan.

SAR is conducted on PED and construction activities for projects where potential hazards pose a significant threat to human life (public safety). SAR is based on the following guiding principles:

1. SAR is an industry best practice, and the requirement is based upon American Society of Civil Engineers Policy Statement 351: Peer Review, the OMB Peer Review Bulletin, and other USACE policy considerations.
2. SAR is an important aspect of the USACE overall quality management strategy for producing sound federal investment decisions and projects.
3. SAR is a higher-level review and is an extension, not a replacement, of ATR. SAR is intended to complement ATR and to avoid impacts to project schedules and costs. SAR is a strategic level review and reasonable effort should be made to avoid having SAR duplicate ATR.
4. All costs associated with SAR, will be shared with the non-federal sponsor according to the project purpose and the phase of work. In planning for a SAR, estimates will need to include the cost for the RMO to administer and manage the SAR and the cost of the SAR Panel. The cost of a SAR through completion of construction should be reasonable, scalable and a function of the risk, complexity, and duration of the project.

An evaluation was conducted to assess whether SAR may be beneficial for the WCM update. The WCM do not require novel methods, present complex challenges to interpretation, contain precedent-setting methods or models, or present conclusions that are likely to change prevailing flood risk management practices. The updates to the WCM do not require construction activities. There are no changes to the water control plan, authorized boundaries of the flood control pool, and existing policy; there are also no anticipated impacts to public health, life, and safety.

For the reasons stated above, a SAR will not be required as part of the technical review for the updated WCM. The District’s Chief of Engineering has also stated that a SAR will not be required as documented in Attachment 4.

## 6.0 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 selection and application of the model and the input and output of data is still the responsibility of the users and is subject to DQC, ATR, and IEPR. The planning models that are anticipated to be used as part of the WCM update are shown in Table 4.

Model Name	Version	Validation Date
HEC-FDA	2.0	Available on USACE App Portal
HEC-FIA	3.4	Available on USACE App Portal

*Table 4. Planning Models Proposed for Use*

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. The engineering models that are anticipated to be used as part of the WCM update are shown in Table 5.

Model Name	Version	Validation Date
HEC-HMS (Hydrology)	4.12	Available on USACE App Portal
HEC-ResSim (Reservoir Simulation)	3.5	Available on USACE App Portal
HEC-RAS (Hydraulics)	6.6	Available on USACE App Portal

*Table 5. Engineering Models Proposed For Use*

## **7.0 Public Participation**

The PDT will coordinate with federal, state, and local resource agencies; tribes, and other stakeholders working on projects within the Russian River basin on an as-needed basis. SPN is also an active member of the Russian River FIRO Steering Committee.

## **8.0 Review Plan Approval and Updates**

The MSC Commander, or delegated official, is responsible for approving this RP. The Commander's approval reflects vertical team input (involving the District, DSPC, MSC, and RMC) as to the appropriate scope, level of review, and endorsement by the RMC. The RP is a living document and will be updated in accordance with ER 1165-2-217. All changes made to the approved RP will be documented in Attachment 2. The latest version of the RP, along with the Commanders' approval memorandum, will be posted on the District's webpage and linked to the HQUSACE webpage. The approved RP should be provided to the RMO.

## **9.0 Review Plan Points of Contact**

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

SPN: Nick Malasavage, Project Manager, [nicholas.e.malasavage@usace.army.mil](mailto:nicholas.e.malasavage@usace.army.mil)

SPD: Cuong Ly, Senior H&H Water Management Engineer, [cuong.ly@usace.army.mil](mailto:cuong.ly@usace.army.mil)

## ATTACHMENT 1: TEAM ROSTERS (FOUO)

Discipline / Role	Name	Email
Project Manager, and Operations and Readiness Division Chief		
Lead Water Manager and Technical Lead		
Water Resources Section Chief		
Water Manager and Hydrologic Engineer		
Environmental		
Economics		
District Dam Safety Program Manager		

*Project Delivery Team*

Discipline / Role	Name	Email
Hydrology		
Water Management		
Environmental		
Economics		
Operations and Readiness		
Office of Counsel		

*DQC Roster*

Discipline / Role	Name	Email
ATR Lead		
ATR Hydrology		
ATR Water Management		
ATR Environmental		
ATR Economics		
ATR Operations		

*ATR Roster*

Names and email address were removed for public posting of this Review Plan. Information is available upon request to the Project Manager.

## ATTACHMENT 2: REVIEW PLAN REVISIONS

Revision Date	Description of Change	Page / Paragraph Number

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## ATTACHMENT 3: ACRONYMS AND ABBREVIATIONS


ATR	Agency Technical Review
CERCAP	Corps of Engineers Reviewer Certification and Access Program
DQC	District Quality Control
DSAC	Dam Safety Action Classification
EAD	Equivalent Annual Damages
ECB	Engineering Construction Bulletin
EM	Engineering Manual
ER	Engineering Regulation
FIRO	Forecast Informed Reservoir Operations
HEC-FDA	Hydrologic Engineering Center Flood Damage Reduction Analysis
HEC-HMS	Hydrologic Engineering Center Hydrologic Modeling System
HEC-RAS	Hydrologic Engineering Center River Analysis System
HEC-ResSim	Hydrologic Engineering Center Reservoir Simulation
IDR	Inter-discipline Review
ITR	Independent Technical Review
IEPR	Independent External Peer Review
MSC	Major Subordinate Command
PDT	Project Delivery Team
PMF	Probable Maximum Flood
PVP	Potter Valley Project
QA	Quality Assurance
QMS	Quality Management System
RP	Review Plan
RMO	Risk Management Office
SAR	Safety Assurance Review
SOP	Standard Operating Procedures
SPD	South Pacific Division
SPK	Sacramento District
SPN	San Francisco District
USACE	US Army Corps of Engineers
WCM	Water Control Manual
WCP	Water Control Plan

# **ATTACHMENT 4: SAR STATEMENT**

## **SAFETY ASSURANCE REVIEW (SAR) STATEMENT**

I have assessed the conditions in the Review Plan for the Warm Springs Dam and Lake Sonoma Water Control Manual Update in the Russian River, California, to verify if there is a significant threat to human life or public safety. I concur with the project delivery team's life safety and project performance risk assessment presented in this Review Plan. For this reason, I recommend that SAR not be part of the technical review for the updated Water Control Manual. The district will perform a District Quality Control (DQC) review for all products. The district will coordinate ATR appropriate to the scope of each product described in this Review Plan.

**Robin K.  
Inaba**

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