DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SOUTH ATLANTIC DIVISION
60 FORSYTH STREET SW, ROOM 10M15
ATLANTA, GA 30303-8801

CESAD-RBT 18 December 2019

MEMORANDUM FOR Commander, Jacksonville District, 701 San Marco Boulevard, Jacksonville, Florida 32207

SUBJECT: Approval of the Review Plan for the C-24 North Reservoir Project Indian River Lagoon South, St. Lucie County, Florida

1. References:

a. Memorandum, CESAJ-EN-Q, subject as above, 06 December 2019.

b. Engineering Circular (EC) 1165-2-217, Water Resources Policies and Authorities Review Policy for Civil Works, 20 February 2018.

2. The Review Plan (RP) for the C-24 North Reservoir Project Indian River Lagoon South submitted by the Jacksonville District via reference 1.a. noted above has been reviewed by South Atlantic Division (SAD). The RP is hereby approved in accordance with reference 1.b.

3. The USACE Risk Management Center (RMC) shall be the Review Management Organization (RMO) for this project.

4. SAD concurs with the District's RP recommendation that outlines the requirements for District Quality Control (DQC), Agency Technical Review (ATR), and Biddability, Constructability, Operability, Environmental and Sustainability (BCOES) Review and the conclusion that a Safety Assurance Review/Type II Independent External Peer Review is required.

5. The District should take steps to post the approved RP to its website and provide a link to CESAD-RBT. Before posting to the website, the names of Corps/Army employees should be removed. Subsequent significant changes to this RP, such as scope or level of review changes, should they become necessary, will require new written approval from this office.

6. The SAD point of contact is [redacted], CESAD-RBT, [redacted].

[redacted]

Major General, USA
Commanding

Encl

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
701 SAN MARCO BOULEVARD
JACKSONVILLE, FLORIDA 32207-8175

CESAJ-EN-Q 06 December 2019

MEMORANDUM FOR Commander, South Atlantic Division (CESAD-RBT), 60 Forsyth Street SW, Room 10M15, Atlanta, GA 30303

SUBJECT: Approval of Review Plan for the C-24 North Reservoir Project Indian River Lagoon South, St. Lucie County, Florida

1. References:

a. Engineering Circular (EC) 1165-2-217, Review Policy for Civil Works, 20 Feb 18.

b. Flood Control Act of 1946, Public Law 79-526, 24 Jul 46.

2. I hereby request approval of the enclosed Review Plan for the C-24 North Reservoir Project Indian River Lagoon South, St. Lucie County, Florida and concurrence with the conclusion that a Type II Independent External Peer Review (IEPR) of the subject project is required. The recommendation to perform a Type II IEPR is based on the EC 1165-2-217 Risk Informed Decision Process as presented in the Review Plan. The Review Plan complies with applicable policy, provides for Agency Technical Review, and has been coordinated with the SAD. It is my understanding that non-substantive changes to this Review Plan, should they become necessary, are authorized by SAD.

3. The district will post the approved Review Plan to its website and provide a link to the SAD for its use. Names of Corps/Army employees will be withheld from the posted version, in accordance with guidance.

4. Point of contact is [redacted], Engineering Review Manager, [redacted] or [redacted]

[redacted]
COL, EN
Commanding

C-24 North Reservoir Project Indian River Lagoon South

Review Plan – Implementation

PREPARED BY: [redacted]

Engineering Technical Lead
CESAJ-EN-DL

REVIEWED BY: [redacted]

Chief, Engineering Division
USACE, Jacksonville District

ENDORSED BY: [redacted]

Chief, Eastern Division
USACE, Risk Management Center

MSC Approval Date: Pending

Last Revision Date: None

Section 1
Introduction

1.1 Purpose

This Review Plan (RP) for the implementation documents of the C-24 North Reservoir Project (P2# 114470) will help ensure a quality engineering project is developed by the U.S. Army Corps of Engineers (USACE) in accordance with EC 1165-2-217, "Review Policy for Civil Works." As part of the Project Management Plan (PMP), this RP establishes an accountable, comprehensive, life-cycle review strategy for Civil Works products and describes the scope of review for the current phase of work. The EC outlines five general levels of review that are further discussed in this RP, including District Quality Control/Quality Assurance (DQC), Agency Technical Review (ATR), Biddability, Constructability, Operability, Environmental, and Sustainability (BCOES) Review, Safety Assurance Review (SAR), and Policy and Legal Compliance Review. This RP will be provided to the Project Delivery Team (PDT), as well as the DQC, ATR, SAR, and BCOES Teams. The technical review efforts addressed in this RP, DQC and ATR, are to augment and complement the policy review processes. The District Chief of Engineering has assessed that the life safety risk of this project is significant; therefore a Type II IEPR/Safety Assurance Review (SAR) will be required, see Paragraph 5.1. Any levels of review not performed in accordance with EC 1165-2-217 will require documentation in the RP of the risk-informed decision not to undertake that level of review.

1.2 References

- EC 1165-2-217, Review Policy For Civil Works, 20 February 2018
- ER 1110-1-12, Quality Management, 31 March 2011
- ER 415-1-11, Biddability, Constructability, Operability, Environmental and Sustainability (BCOES) Reviews, 1 January, 2013
- ER 1110-2-1156, Safety of Dams, Policy and Procedure, 31 March 2014
- ER 1110-2-1150, Engineering and Design for Civil Works Projects, 31 August 1999
- ER 10-1-51, Organizations and Function, Roles and Responsibilities – Dam Safety Modification Mandatory Center of Expertise, 29 June 2012
- EM 1110-2-1913 Design, Construction, and Evaluation of Levees, 30 April 2000
- 02611-SAJ EN Quality Control of In-House Products: Civil Works, 4 December 2017
- Project Management Plan (PMP) for Indian River Lagoon South Project (P2#114470)
- ECB 2019-15, Engineering and Construction Bulletin, 08 October 2019

1.3 Review Management Organization

The USACE Risk Management Center (RMC) is the Review Management Organization (RMO) for this product. Contents of this RP have been coordinated with the RMC and South Atlantic Division (SAD), the Major Subordinate Command (MSC).

Section 2
Project Description

2.1 Project Description

The project is located in western St. Lucie County, Florida (Figures 1 and 2). The C-24 North Reservoir project area is about 2,400 acres. The project is part of the Indian Lagoon River South area of the Comprehensive Everglades Restoration Plan. The C-24 North Reservoir is integrally linked with the C-23 South Reservoir and the North Stormwater Treatment Area (STA).

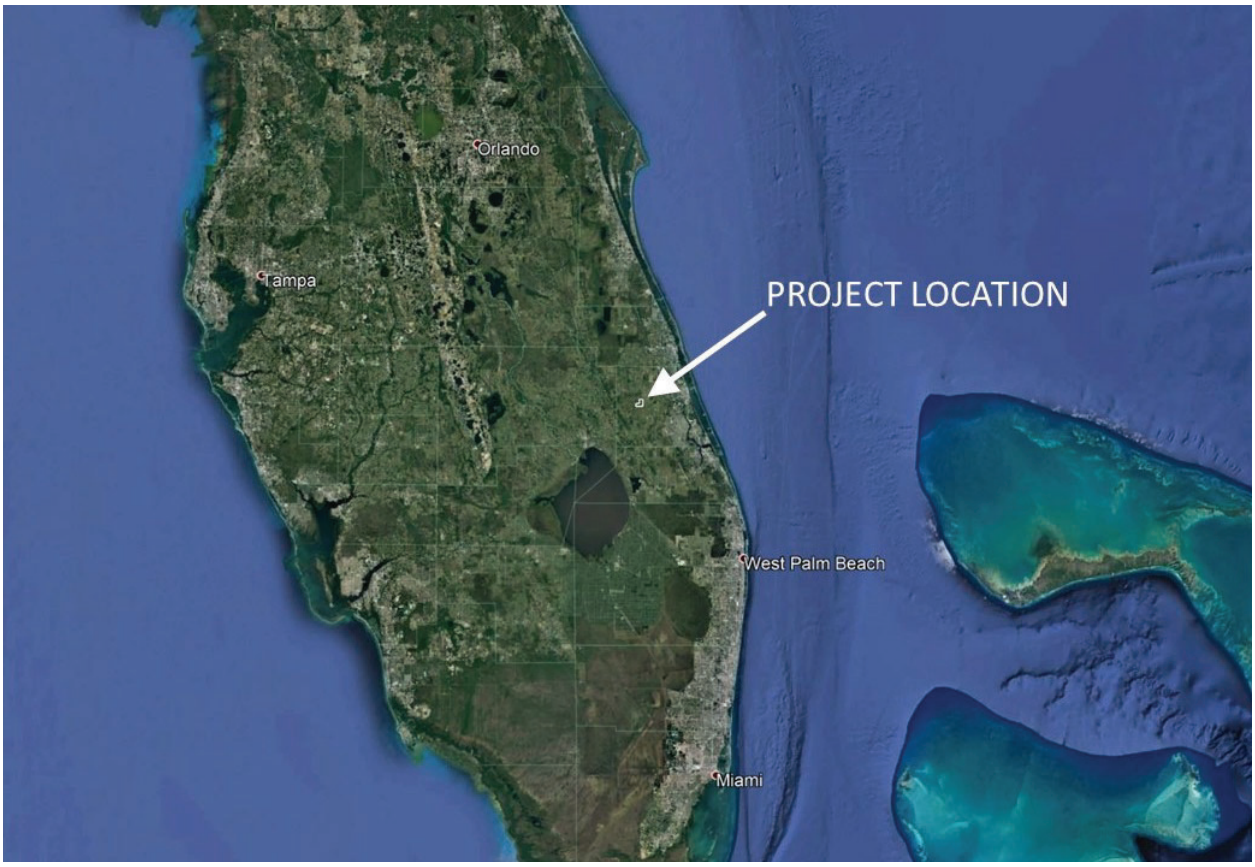


Figure 1: Project location overview map

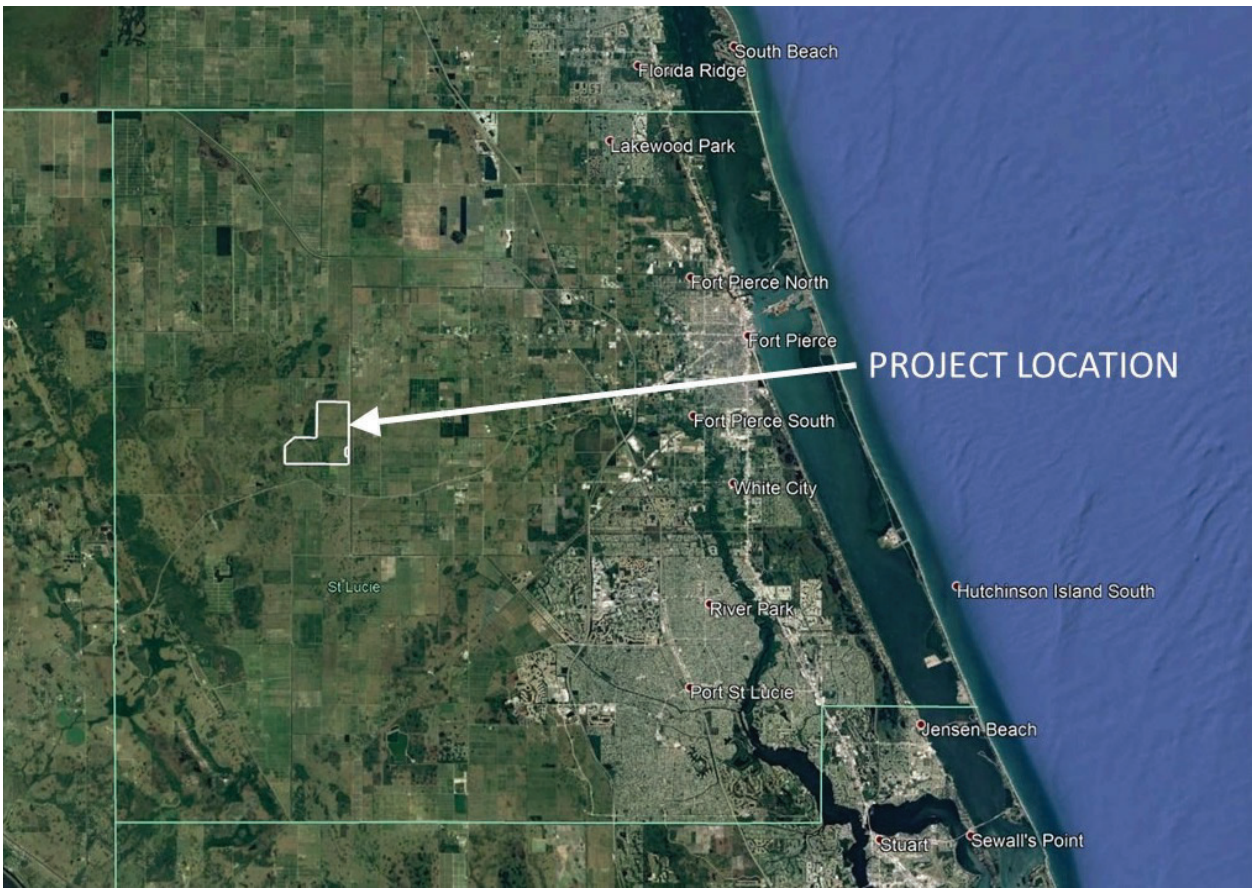


Figure 2: Project Location Map

The objectives of the project are to reduce the frequency and duration of damaging discharges to the Northern St. Lucie Estuary and provide water quality treatment of captured water. The project features are not for flood control, but for environmental restoration. The project consists of diverting stormwater flow in the C-24 Canal to a pump station, which routes the flow into the reservoir. The reservoir embankment is classified as a dam. The estimated cost of the C-24 North Reservoir project is currently about $550 million.

Once the STA is complete, flows will be routed from the C-24 North Reservoir into a sag culvert connected to the STA on the east side of the C-24 Canal. Flows will also be discharged back into the C-24 Canal during low flow periods.

The current design of the C-24 North Reservoir project includes:

- Intake pump station,
- Perimeter embankment,
- Sag culvert,
- Internal embankment,
- Culvert through internal embankment,
- Discharge structure and auxiliary spillway, and
- Portion of reservoir connection culvert.

The internal embankment will form a smaller area within the reservoir that will be used when little water is available in the canal. The small area inside the internal embankment will be used so that head is available to provide water to the STA with minimal pumping into the reservoir. The reservoir connection culvert will eventually hydraulically connect the North Reservoir with the South Reservoir. This project will construct the portion of the culvert from the interior of the reservoir to the southern project limits. Future projects will extend the culvert from the southern project limits of the North Reservoir under SR70 and into the South Reservoir.

Section 3
District Quality Control

3.1 Requirements

All implementation documents (including supporting data, analyses, environmental compliance documents, etc.) shall undergo a DQC. A DQC is an internal review process of basic science and engineering work products focused on fulfilling the project quality requirements defined in the PMP. DQC will be performed on the Plans and Specifications (P&S) and the Design Documentation Report (DDR) in accordance with the Jacksonville District Engineering Division Quality Management System (EN QMS). The EN QMS defines DQC as the sum of two reviews, Discipline Quality Check and Review (DQCR) and Product Quality Control Review (PQCR).

DQCRs occur during the design development process and are carried out as a routine management practice by each discipline. Checklists are utilized by each discipline to facilitate the review and to document the DQCR review comments. Certification of the DQCR is signed by the Branch Chiefs certifying that the DQCR on all design analyses and products have been completed in accordance with the EN QMS process.

The PQCR shall ensure consistency and effective coordination across all disciplines, and the overall coherence and integrity of the products. PQCR comments and responses will be documented in DrChecks^{SM}. The PQCR shall be QC certified by the Engineering Technical Lead (ETL), all applicable Section and Branch Chiefs, and the Division Chief. This PQCR certification signifies that all DQCR Certifications are complete, as well as the PQCR.

See Attachment 1, for the DQC Lead, reviewers, and reviewer's disciplines.

3.2 Documentation

Documentation of DQC activities is required and will be implemented by the process described in paragraph 3.1.

3.3 DQC Schedule and Estimated Cost

Although DQC is always seamless, the following milestone reviews are scheduled in Table 1. The cost for the DQC is approximately $150,000 to $200,000.

Task	Date
Preliminary Phase DQCR	April 2020
Preliminary Phase PQCR/DQC*	May 2020
Intermediate Phase DQCR	December 2020
Intermediate Phase PQCR/DQC	January 2021
Independent External Peer Review	February 2021
Intermediate Phase BCOES	February 2021
Semi-Quantitative Risk Assessment	February 2021
Final Phase DQCR	July 2021
Final Phase PQCR/DQC	August 2021

Table 1: DQC Schedule

Section 4
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 EC 1165-2-217. ATR will occur seamlessly, including early involvement of the ATR team for validation of key design decisions, and at the scheduled milestones as shown in Section 4.6. Additional data required by the ATR team will be gathered by PDT members during plan in hand visits or by USACE HHD Construction personnel. The information will be reviewed and disseminated to the ATR team by the PDT.

4.2 Documentation of ATR

Documentation of ATR will occur using the requirements of EC 1165-2-217. This includes the four-part comment structure and the use of DrChecks[SM].

4.3 Products to Undergo ATR

Products that will undergo ATR include the P&S and DDR prepared for the Preliminary, Intermediate and Final Design Phases, including all supporting analyses and documentation. The cost and construction schedule will also undergo ATR.

4.4 Required Team Expertise and Requirements

ATR teams will be established in accordance with EC 1165-2-217. The following disciplines will be required for ATR of this project:

ATR Team Lead - The ATR Team Lead shall be a professional outside the home MSC with extensive experience in preparing Civil Works documents and conducting ATRs. The ATR Team Lead shall have 10 or more years of experience with Civil Works Projects and have performed ATR Team Lead duties on complex civil works projects. The ATR Team Lead may also serve as one of the review disciplines.

Hydrology and Hydraulics (H&H) - The H&H team member shall be a registered professional with 10 or more years of experience in conducting and evaluating hydrologic and hydraulic analyses for flood risk management projects. Experience with HEC and ERDC 2D hydraulic modeling is required. Experience with the USACE Dam Safety Program is required.

Geotechnical - The Geotechnical team member shall be a registered professional engineer and have 10 or more years of experience in geotechnical engineering. Team member shall be experienced in dam and/or levee design, post-construction evaluation, and rehabilitation. Experience shall include geotechnical evaluation of flood risk management structures. Experience shall encompass design and selection of appropriate analyses for embankments, filter drains, and structure foundations. Experience with the USACE Dam Safety Program is required.

Hydrogeology and Geology – The Geology team member will review subsurface geologic data and interpretations to support embankment and foundation design and integrity. The team member will also review hydrogeologic data and interpretations to support hydraulic and seepage modeling, and an evaluation of characteristics of the surficial aquifer at the site. The team member should possess Professional Geologist certification, have a minimum of 10 years professional experience, especially focused in South Florida applications. Experience with the USACE Dam Safety Program is required.

Structural - The Structural team member shall be a registered professional engineer and have 10 or more years of experience in structural engineering. Team member shall be experienced in structures associated with dam and/or levee design such as culverts or pump stations. Experience shall include structural evaluation of flood risk management structures. Experience shall encompass design and selection of appropriate analyses for culverts or pump stations.

Mechanical - The Mechanical team member shall be a registered professional engineer and have 10 or more years of experience in Mechanical engineering. Team member shall be experienced in pump station design. Experience shall include mechanical evaluation of pump stations.

Electrical - The Electrical team member shall be a registered professional engineer and have 10 or more years of experience in electrical engineering. Team member shall be experienced in pump station design.

Civil - The Civil team member shall be a registered professional engineer and have 10 or more years of experience in the design, layout, and construction of flood control structures including dams. The Civil team member shall have demonstrated knowledge regarding hydraulic structures, erosion control, earthwork, and concrete placement. Experience with the USACE Dam Safety Program is desired.

Construction - The Construction team member shall have 10 or more years of experience in the construction of flood control structures including dams.

Climate Preparedness – The Climate Preparedness team member shall be certified by the Climate Preparedness and Resilience Community of Practice in CERCAP. Any ATR reviewer from a separate discipline may also serve as the Climate Preparedness reviewer provided thee reviewer is certified.

Cost Engineer – The Cost Engineer team member should be a senior level, certified cost engineer with extensive experience in the engineering construction field with particular emphasis on dam safety projects. The Cost & Schedule reviewer should have a minimum of 10 years of experience.

4.5 Statement of Technical Review Report

At the conclusion of each ATR effort, the ATR team will prepare a Statement of Technical Review Report with a completion and certification memo. The report will be prepared in accordance with EC 1165-2-217 and will follow the most recent template developed by the RMC.

4.6 ATR Schedule and Estimated Cost

Although ATR is always seamless, the	**Date**
Preliminary Phase ATR	June 2020
Intermediate Phase ATR	February 2021
Final Phase ATR	October 2021
ATR Certification	November 2021

Table 2: ATR Schedule

Section 5
Safety Assurance Review

5.1 Requirements

A Safety Assurance Review (SAR) may be required for implementation documents 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. A risk-informed decision, as described in EC 1165-2-217, is made as to whether a SAR is appropriate. SARs are managed outside the USACE and shall consider the adequacy, appropriateness, and acceptability of the design and construction activities, assuring public health safety and welfare.

5.2 Decision on SAR

The District Chief of Engineering has made a risk-informed decision that this project poses a significant threat to human life (public safety) in the event of dam failure. Therefore, a SAR will be performed.

The SAR team will be required to perform a site visit just prior to their review of the construction documents at the Intermediate Phase of design. SAR reviewers are required to review construction activities as well. A site visit will be performed by the geotechnical reviewer at the midpoint of construction as described below in Table 3.

5.3 Products to Undergo SAR

Products that will undergo SAR include the P&S and DDR prepared during the Intermediate Design Phase, as well as construction documents at the mid-point of construction.

5.4 Required SAR Panel Expertise

SAR panels will be established in accordance with EC 1165-2-217. 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. The selection of SAR review panel members will be selected using the National Academy of Science (NAS) Policy, which sets the standard for “independence” in the review process.

The following disciplines will be required for SAR of this project:

SAR Team Lead - The SAR Team Lead shall have 15 or more years of experience with Civil Works Projects and have performed SAR Team Lead duties on complex civil works projects. The SAR Team Lead may also serve as co-duty to one of the review disciplines.

Hydrology and Hydraulics - The H&H Independent Expert shall be a registered professional from academia, a public agency, or an Architect-Engineer or consulting firm with 15 or more years of experience in hydraulic engineering with an emphasis on dams. The H&H Independent Expert must have demonstrated knowledge and experience with computer numerical modeling (HEC and ERDC software) and the application of data from physical model testing (journals, research, etc.) to the design of scour protection, and in the ability to coordinate, interpret, and explain computed results with other engineering disciplines, particularly structural engineers, geotechnical engineers, and geologists. The H&H Independent Expert shall be familiar with USACE application of risk and uncertainty analyses in studies as found in USACE Regulation ER 1110-2-1156 and have a familiarity with standard USACE hydrologic and hydraulic computer models used in drawdown studies, dam break inundation studies, hydrologic

modeling and analysis for dam safety investigations. Experience with the USACE Dam Safety Program, Federal Dam Safety Programs, and participation in related professional societies is required.

Geotechnical - The Geotechnical Independent Expert shall be a registered professional engineer from academia, a public agency, or an Architect-Engineer or consulting firm with 15 years of experience in the field of geotechnical engineering. Experience needs to include geotechnical evaluation of flood risk management structures. Experience needs to encompass: static and dynamic slope stability evaluation; evaluation of the seepage through embankments and under seepage through the foundation of flood risk management structures, including earthen dams; evaluation of grout curtains and cutoff walls, embankments, outlet works, filters and drainage features, and other pertinent dam features; engineering, design and construction of dam excavations and treatments; and settlement evaluations. Experience with USACE Dam Safety Program is required. Experience with Federal Dam Safety Programs and participation in related professional societies is required.

Structural - The Structural team member shall be a registered professional engineer and have 10 or more years of experience in structural engineering. Team member shall be experienced in structures associated with dam and/or levee design such as culverts or pump stations. Experience shall include structural evaluation of flood risk management structures. Experience shall encompass design and selection of appropriate analyses for culverts or pump stations.

5.5 Documentation of SAR

Documentation of SAR will be prepared in accordance with EC 1165-2-217.

5.6 Scope, Schedule, and Estimated Cost of SAR's

The design and construction phase SARs will be performed in accordance with EC 1165-2-217 and as shown in Table 3.

The estimated cost for the SARs of this project are in the range of $100,000 to $150,000. This estimate will be refined when the Scope of Work for the SAR task orders are completed.

Milestone Reviews	Geotech	H&H	Structural	Site Visit Duration (days)	Review Start Date	Review End Date
Intermediate Design	X	X	X	1	January 2021	April 2021
Midpoint of Construction	X		X	1	TBD – Concurrent with Construction Phase SAR of the project	

Table 3: SAR Schedule with Required Reviewers and Site Visit Duration

Section 6
BCOES Reviews

The value of a BCOES (Biddability, Constructability, Operability, Environmental, and Sustainability) review is based on minimizing problems during the construction phase through effective checks performed by knowledgeable, experienced personnel prior to advertising for a contract. BCOES requirements must be emphasized throughout the planning and design processes for all programs and projects, including during planning and design. This will help to ensure that the government's contract requirements are clear, executable, and readily understandable by private sector bidders or proposers. It will also help ensure that the construction may be done efficiently and in an environmentally sound manner and that the construction activities and projects are sufficiently sustainable. Effective BCOES reviews of design and contract documents will reduce risks of cost and time growth, unnecessary changes and claims, as well as support safe, efficient, sustainable operations and maintenance by the facility users and maintenance organization after construction is complete. A BCOES Review will be conducted on the project. Requirements and further details are stipulated in ER 1110-1-12, ER 415-1-11, and SAJ EN QMS 02611.

Task	Date
BCOES Review	November 2021
BCOES Certification	January 2022

Table 4: BCOES Schedule

Section 7
Constructability Evaluation

7.1 Requirements

To ensure dam safety risks are adequately addressed by the designs and that all construction-related risks are fully identified and mitigated to an acceptable level, a Constructability Evaluation (CE) will be performed by a team designated by the Dam Safety Modification Mandatory Center of Expertise (DSMMCX) and the Dam Safety Production Centers (DSPC) to evaluate the constructability, the schedule, and the cost estimate. The lead engineer will coordinate with the DSMMCX/DSPC to identify the CE team. The CE team may need briefed on the potential failure modes mitigated by construction and on potential failure modes that may be present during construction activities. A construction risk assessment involving event tree preparation and risk estimation may be required if potential failure modes introduced by construction activities are perceived to introduce significant risk. If a construction risk assessment is required, it would be performed as a part of the constructability evaluation.

Per ER 1110-2-1156, a CE is required during alternative formulation and at the 65% level of plans and specifications for each contract. A CE may also be required at other times during the life of a project. A Constructability Evaluation Report will be prepared by the CE team, reviewed and approved by the DSPC, and briefed to the PDT so that any recommendations forthcoming from the review may be incorporated into the project.

7.2 Documentation of CE

Documentation of CE activities is required and will be implemented by the process described in paragraph 7.1.

7.3 Products to Undergo CE

The constructability team will review the Intermediate Phase Plans and Specifications.

7.4 Required Team Expertise and Requirements

CE teams will be established in accordance with ER 1110-2-1156. The following disciplines will be required for the CE of this project:

CE Lead – Reviewer should be a senior level, professionally registered engineer with extensive experience in the engineering construction field with particular emphasis on dam safety projects. The Construction reviewer should have a minimum of 10 years of experience.

Construction Engineer – Reviewer should be a senior level, professionally registered engineer with extensive experience in the engineering construction field with particular emphasis on dam safety projects. The Construction reviewer should have a minimum of 10 years of experience.

Construction Engineer – Reviewer should be a senior level, professionally registered engineer with extensive experience in the engineering construction field with particular emphasis on dam safety projects. The Construction reviewer should have a minimum of 10 years of experience.

Cost Engineer – Reviewer should be a senior level, certified cost engineer with extensive experience in the engineering construction field with particular emphasis on dam safety projects. The Cost & Schedule reviewer should have a minimum of 10 years of experience.

7.5 CE Schedule and Estimated Cost

The following milestone reviews schedule is listed in Table 4. The cost for the CE is approximately $50,000.

Project Phase/Submittal	Review Start Date	Review End Date
Intermediate Phase	February 2021	March 2021

Table 5: *CE Schedule*

Section 8
Public Posting of Review Plan

As required by EC 1165-2-217, the approved RP will be posted on the District public website (https://www.saj.usace.army.mil/Missions/Civil-Works/Review-Plans/). This is not a formal comment period, and there is no set timeframe for the opportunity for public comment. If and when comments are received, the PDT will consider them and decide if revisions to the RP are necessary.

Section 9

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, MSC, and RMC) as to the appropriate scope, level of review, and endorsement by the RMC. The RP is a living document and should be updated in accordance with 1165-2-217. All changes made to the approved RP will be documented in Attachment 3, Table 12 RP Revisions. The latest version of the RP, along with the Commander's 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.

Section 10
Engineering Models

The use of certified, validated, or agency approved engineering models is required for all activities to ensure the models are technically and theoretically sound, compliant with USACE policy, computationally accurate, and based on reasonable assumptions. 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. 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, BCOES, policy and legal review, and SAR. Where such approvals have not been completed, appropriate independent checks of critical calculations will be performed and documented. The following engineering models, software, and tools are anticipated to be used:

MODEL
Bentley Microstation V8i, Bentley Systems Inc, 2010
Bentley InRoads Microstation V8i, Bentley Systems, Inc.
HEC-UNET v4.0, USACE Hydraulic Engineering Center
HEC-HMS v4.2.1
HEC-RAS v.5.0.6
HES-ResSim v.3.1
HY-8
AdH
SMS v.10.1
GIS (ESRI ArcMap)
STWAVE Full Plane (Version 5.0)
STWAVE Half Plane (Version 4.0)
ACES (Version 4.03)
Bretschneider
Compaq Visual Fortran (Professional Edition 6.1.0)
SEEP/W, GeoStudio 2012 Version 8.0.9.6484
SLOPE/W, GeoStudio 2012 Version 8.0.9.6484
STAADPro v8.0
Ram Element Version 10.7

Table 6: Models and Status

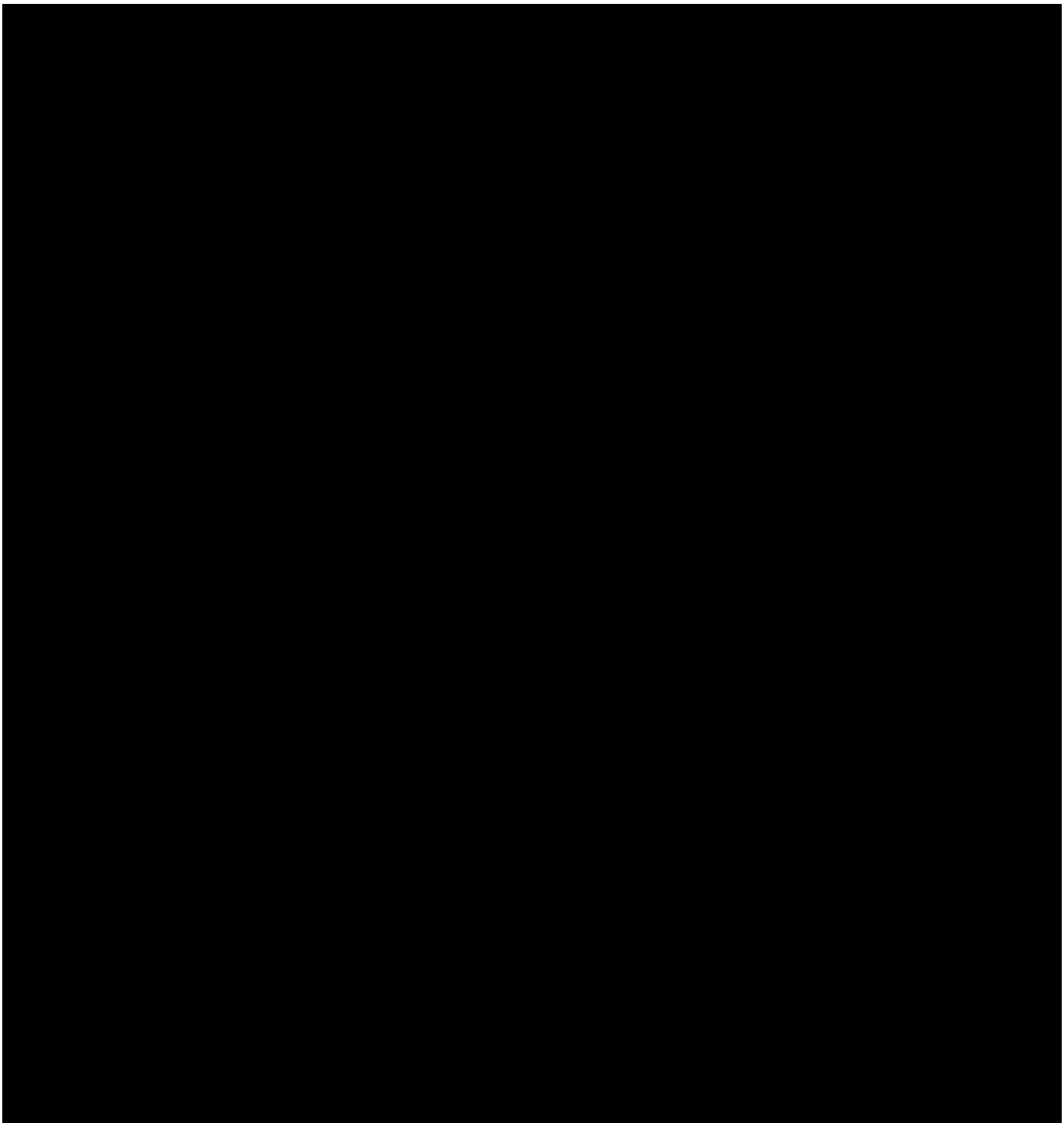
Section 11

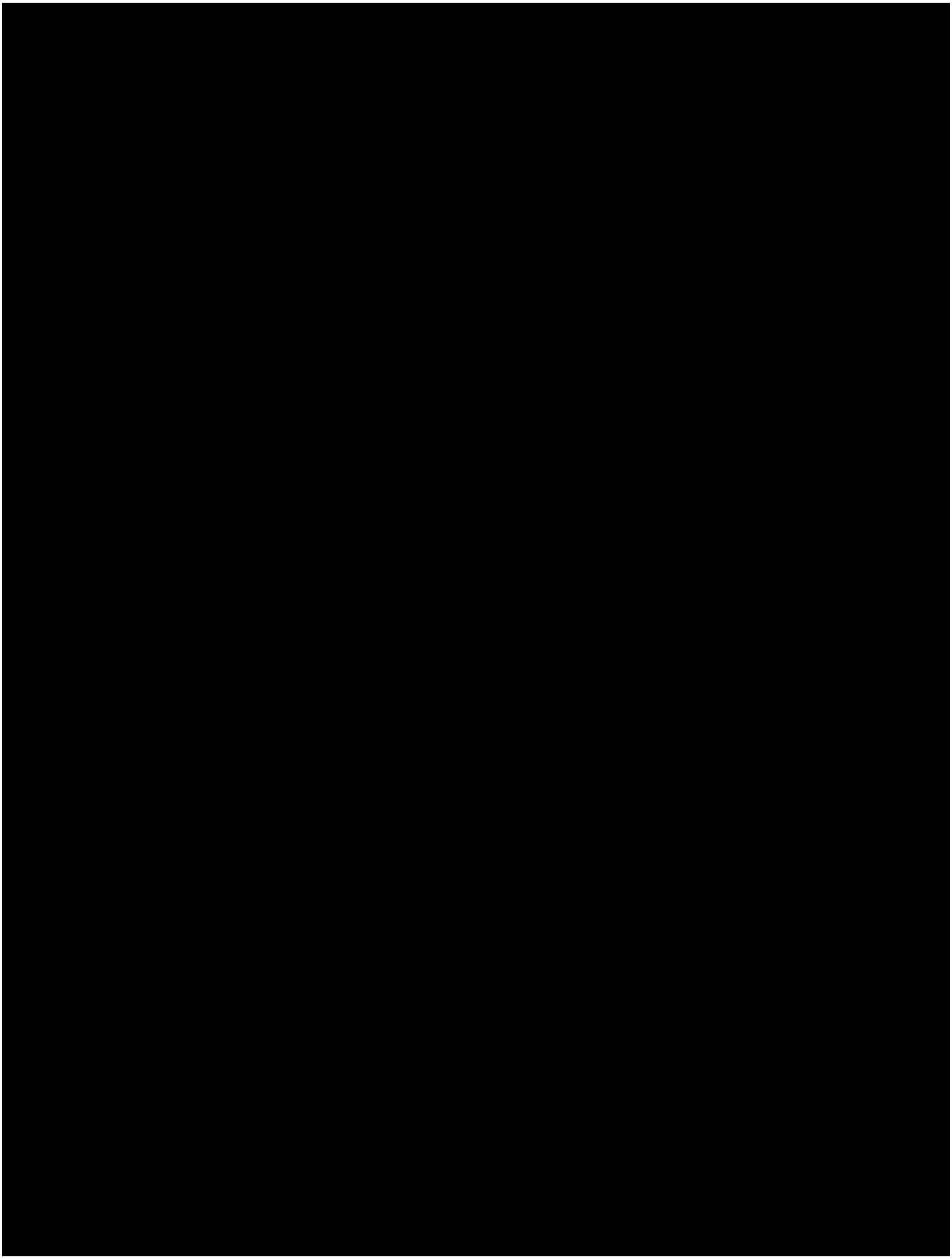
Review Plan Points of Contact

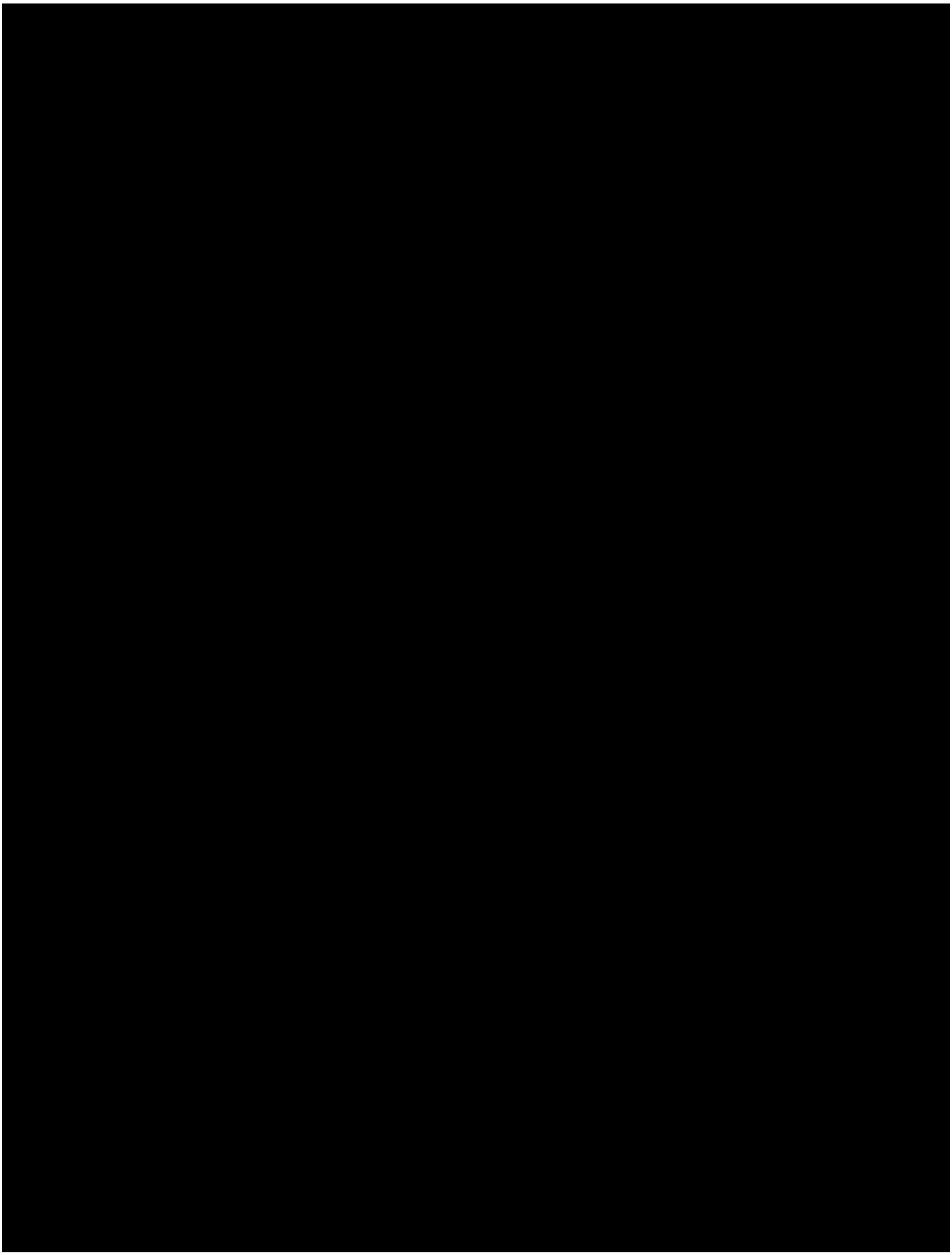
Title	Organization	Phone
Review Manager	CESAJ-EN-Q	[redacted]
Senior Reviewer	CEIWR-RMC	[redacted]
Quality Manager	CESAD-RBT	[redacted]

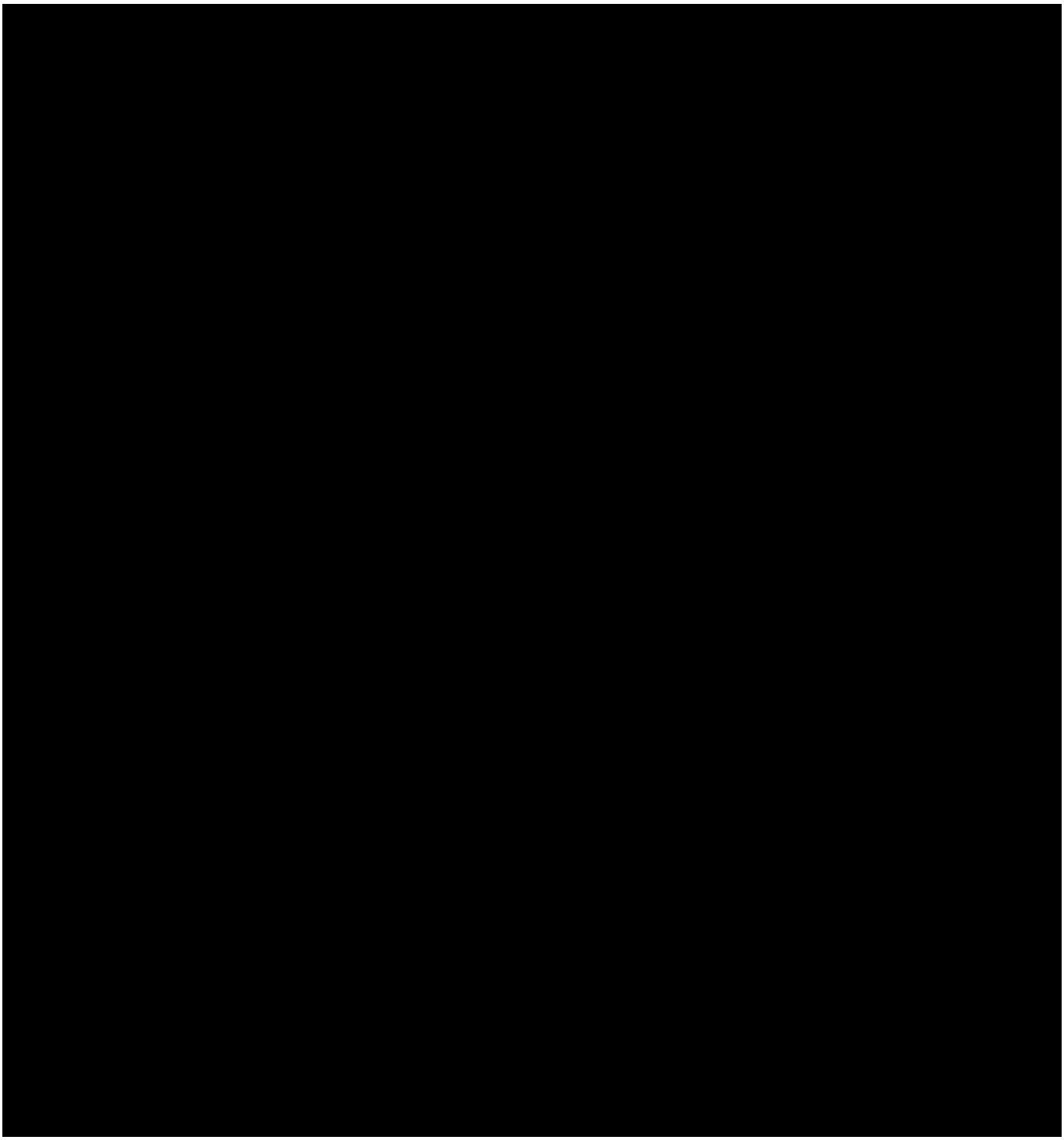
Table 7: RP POC's

ATTACHMENT 1









ATTACHMENT 2

ATTACHMENT 3

Review Plan Revisions

Revision Date	Description of Change	Page/Paragraph Number

Table 12: RP Revisions