

2023-2025 Draft Budget Development Worksheet

Work Element

Proposed Chehalis River Basin Flood Control Zone District (FCZD) – FRE Project; SEPA and NEPA FEISs

Summary of 2023-2025 Work

USACE and Ecology will respectively complete Final SEPA and NEPA EISs based on applicable new information provided by the FCZD in 2023 on their proposed mitigation re-alignment and information from the LAND Steering Group on the Local Actions Non-Dam (LAND) Alternative process.

USACE has informed the FCZD that a completed ESA consultation will be required prior to publishing the NEPA FEIS. In order to complete the ESA consultation additional design detail and information will be necessary beyond what was developed for the SEPA and NEPA processes. In addition to supporting the ESA consultation, the FCZD is proposing to develop information necessary for the FCZD Supervisors and the OCB Board Members to make an informed decision whether or not to advance the project into the permitting phase.

Description of Needs

- *What specific problem or opportunity is addressed by this budget request?*
This budget request will be used to support completion of the final SEPA and NEPA EISs and advance/complete the ESA consultation and develop the information needed for decision makers. In addition to these two goals, the information developed can also answer questions that have arisen during the development of this project by various OCB Board Members, FCZD Supervisors, review agencies, tribes, and public groups.
- *What are the specific benefits to the OCB mission if this work is funded?*
This work will help progress the FRE SEPA & NEPA FEISs. It will provide important information to decision makers regarding the project's feasibility, cost, and schedule.
- *What specific outcomes will be accomplished by the end of the 2023-2025 biennium?*
Final SEPA EIS. Support ESA consultation which will be necessary to get a published NEPA FEIS. Advancement of data will also help answer important design questions being asked by OCB Board Members, FCZD Supervisors, review agencies, tribes, and the general public. Help arm decision makers with the necessary information to make an informed decision.
- *What other options or alternatives exist for funding or completing this work?*
FCZD is continuing to pursue additional funding sources.
- *What are the effects of not funding, or delaying the funding, for this work?*
ESA consultation and subsequent FEISs will be delayed and/or decision makers will be required to make a determination whether or not to move to the permitting phase with incomplete information.

List of Key Tasks & Assumptions

Ecology: Final SEPA EIS; potential supplemental EIS

USACE: Final NEPA EIS; final ESA consultation; potential Record of Decision (ROD)

FCZD: Support ESA Consultation

- Advance Hydrology, Hydraulics, Reservoir Modeling (HDR/Kleinschmidt)
 - FRE Structure, Outlet Works
- Advance Mitigation Design (Kleinschmidt)
 - Field data collection, Land owner engagement, Purchase land options
- Advance Airport Levee Design (HDR)
- Supporting USACE with Initiation of ESA Consultation (Stoel Rives)
- Updates to Biological Assessment (HDR)
- Updates to Vegetation Management Plan (HDR)

FCZD: Support Decision Makers

- Phase 2 Geotechnical Investigation (HDR)
- FRE Structure Feasibility Design (HDR)
 - Foundation, Access Roads, Quarries
- Develop Construction Schedule (HDR)
- Develop Cost Estimate (HDR)
- EDT Modeling (Kleinschmidt)

FCZD: Program Management

- Agency/Tribes/OCB/Lewis County Coordination (Kleinschmidt, HDR, GTH)
- Continued NEPA & SEPA Coordination (Kleinschmidt, HDR, GTH)
- Staff Engagement (FCZD)
- Senior Advisors (GTH)
- Project Management (Dillin)

All funding is recommended to come from Flood Damage Reduction

Preliminary Cost Estimates

Agency (and agency contractors) and tribal engagement: \$4,000,000 - \$7,000,000

FCZD: Support ESA Consultation: \$12,760,000

FCZD: Support Decision Makers: \$10,480,000

FCZD: Program Management: \$1,260,000

Total: \$28,500,000 - \$31,500,000

Prioritization

The first priority is finalizing the SEPA and NEPA EISs. The FCZD focus would be on advancing design to support ESA followed by advancing project costs and decreasing design uncertainty. A reduction in budget would first have an effect on the accuracy of the cost advancement by limiting the amount of geological and geotechnical investigations. Airport levee level of design advancement could be limited to available budget – and become the lesser priority of all tasks. Advancements in seismic analysis for the FRE structure is tied to the availability of geologic and geotechnical information. Seismic analysis will support refinement of the fish passage/conduit design and support ESA consultation. Reducing the

geotechnical investigation and analysis would need to consider seismic analysis, fish passage and cost estimate impacts.

Contact Information

Name: Matt Dillin

Email: Matt.Dillin@lewiscountywa.gov

Phone: (509)289-9078

Andrea McNamara Doyle, Office of Chehalis Basin