



CHEHALIS BASIN BOARD MEETING

DECISIONS ON 2021-23 BIENNIUM CAPITAL BUDGET SPENDING PLAN

JUNE 3, 2021

TODAY'S PRESENTATION

Objectives

- Discuss adjustments & confirm assumptions on budget elements made since May 17 board meeting
- Review additional information & discuss options
- Board decision on 2021-23 Capital Budget spending plan

BOARD DECISION MAKING

- Board decision on 2021-23 spending plan needed today to avoid risk of delays in ability to begin spending new appropriations by July 1
- Agreement by at least six of seven voting members must approve high-level budget categories and major project allocations
- Several options for how the \$70M budget can be allocated - choices that need to be determined by the Board

BUDGET ELEMENT
ADJUSTMENTS &
ASSUMPTIONS
SINCE MAY 17



2021-23 BUDGET ELEMENTS

Aquatic Species Habitat Restoration (\$33.1M)	Integrated (\$6.9M)	Local-Scale Flood Damage Reduction (\$20.5M)	Flood Retention Facility & Airport Levee (\$20.7M)
New restoration projects (\$22.6M)	Skookumchuck Dam Analysis (\$450K)	Local Actions Alternative & Comprehensive Basinwide Flood Damage Reduction Roadmap (\$500k - \$1.5M)	Final SEPA and NEPA EISs (\$7.9M)
Implementation support (\$6.2M)	Erosion Management (\$320K)	Local Area Structural Flood Protection & Floodplain Mapping/Modeling (\$2M)	Refinements to avoidance, minimization, and mitigation (\$6.8M)
Program participation (\$4.2M)	Floodplain Acquisition Program & Land Use Recommendations (\$3.6M)	Aberdeen-Hoquiam North Shore Levee (\$4M)	Preliminary engineering for permit applications (\$6M)
All-H integration advancement (\$100K)	Community Outreach/ Engagement (\$300K)	Flood Authority Projects (\$10M)	
	State, Tribal, and Local Agency Program Participation (\$2.1M)	Community Flood Assistance & Resilience (CFAR) (\$3M)	

WORK ELEMENT	CATEGORY	ORIGINAL (MAY 6)	POTENTIAL OPTIONS
Aquatic Species Habitat Restoration (TOTAL)	Habitat restoration	\$33,100,000	\$31,150,000 (elements below will need to be reduced by ~\$1.9M) ¹
ASRP New Projects	Habitat restoration	\$22,600,000	\$22,600,000
ASRP Implementation Support	Habitat restoration	\$6,200,000	\$6,200,000
ASRP Program Oversight, Management, & Participation	Habitat restoration	\$4,200,000	\$4,200,000
All-H and Predation Integration	Habitat restoration	\$100,000	\$100,000
Flood Damage Reduction (TOTAL)	Flood Damage Reduction	\$39,700,000	\$31,150,000 (elements below need to be reduced by ~\$6M to \$8M)
Comprehensive Basin-wide Flood Damage Reduction Road Map	Flood Damage Reduction	<i>n/a</i>	\$500,000 - \$1,500,000 ²
<i>Flood Retention Facility & Airport Levee</i>			
Finalize SEPA and NEPA EISs and Refinements to Avoidance, Minimization, and Mitigation	Flood Retention Facility	\$14,700,000	\$14,500,000
Additional Design/Engineering to support SEPA/NEPA, AM&M, & preliminary permit apps	Flood Retention Facility	\$6,000,000	\$6,000,000
<i>Local-Scale Flood Damage Reduction</i>			
Aberdeen-Hoquiam North Shore Levee West Segment	Local-Scale Flood Damage Reduction	\$4,000,000	\$4,000,000
Flood Authority Projects	Local-Scale Flood Damage Reduction	\$10,000,000	\$9,400,000 ³
Community Flood Assistance & Resilience (CFAR)	Local-Scale Flood Damage Reduction	\$3,000,000	\$500,000 - \$1,500,000 ⁴
Local Area Structural Flood Protection & Floodplain Mapping/Modeling	Local-Scale Flood Damage Reduction	\$2,000,000	\$2,000,000
Integrated (TOTAL)	Integrated	\$6,870,000	\$3,860,000
Skookumchuck Dam Analysis	Integrated	\$450,000	\$450,000
Erosion Management	Integrated	\$320,000	\$320,000
Floodplain Acquisition Program & Land Use	Integrated	\$3,600,000	\$600,000 ⁵
Community Outreach/ Engagement	Integrated	\$300,000	\$300,000
State, Tribal, and Local Agency Program Participation	Integrated	\$2,200,000	\$2,190,000
Core OCB/Board Operations and Staffing (TOTAL)	General	\$3,900,000	\$3,900,000
TOTAL		\$83,570,000	\$70,000,000

WORK ELEMENT	JVS PROPOSAL	\$70M OPTION
ASRP New Projects <i>(total needs to be reduced ~\$1.9M in this or one of the other ASRP categories)</i>	\$22,600,000	\$31,150,000
ASRP Implementation Support	\$6,200,000	
ASRP Program Oversight, Management, and Participation	\$4,200,000	
All-H and Predation Integration	\$100,000	
Local Actions Alternative & Comprehensive Basin-wide Flood Damage Reduction Road Map	\$1,000,000	\$ 2,500,000
Local Structural Flood Protection & Floodplain Mapping/Modeling	\$1,500,000	
Flood Retention Facility & Airport Levee	\$20,100,000	\$20,100,000
Aberdeen-Hoquiam North Shore Levee	\$4,000,000	\$ 8,550,000
Flood Authority Projects	\$4,050,000	
Community Flood Assistance & Resilience (CFAR)	\$500,000	
Skookumchuck Dam Analysis	\$450,000	\$ 3,800,000
Erosion Management	\$320,000	
Floodplain Acquisition Program & Land Use	\$600,000	
Community Outreach/ Engagement	\$300,000	
State, Tribal, and Local Agency Program Participation	\$2,130,000	
Core OCB and Board Operations and Staffing	\$3,900,000	\$ 3,900,000

QUESTIONS FOR BOARD



BOARD QUESTIONS (INTEGRATED)

- Do you support funding any/all of the Integrated budget elements with the \$3M reduction in acquisition?
- If yes, do you support funding for Integrated elements to come equally from the \$33.05M allocations for aquatic species and flood damage projects?

BOARD QUESTIONS (FRE)

- Do you support funding for completion of the SEPA and NEPA EISs and refinements to avoidance, minimization, and mitigation?
- If some of the \$6M for preliminary engineering activities is not needed to complete the SEPA and NEPA EISs, do you want to place any conditions on using those funds?

BOARD QUESTIONS (LOCAL ACTIONS ALTERNATIVE)

- Do you support the additional funds to continue evaluating a local actions alternative and develop a comprehensive flood reduction strategy?
- Do you support the funding to examine specific local flood reduction projects in priority locations?
- Are there other potential local action projects any Board members think are missing from the suite of possible local actions?

BOARD QUESTIONS (NORTH SHORE LEVEE)

- Do you support the funding for the Aberdeen Hoquiam North Shore Levee West Segment?

BOARD QUESTIONS (LOCAL PROJECTS AND CFAR)

- Are there changes you support in funding levels for local projects and/or CFAR to reduce the total flood damage reduction allocation?
- If yes on changing Flood Authority local project funding level, do you support asking the Flood Authority to make recommendations for which local projects to prioritize?

BOARD QUESTIONS (CHECK-INS)

What kind of budget "check-in(s)" do you envision during the 2021-23 biennium?

- To compare actual spending against projections?
- To evaluate progress on near-term work plans and deliverables?
- To confirm agreement of at least 6 of 7 voting members for spending during the remainder of the biennium?
- To authorize new work/specific projects not included in current plan?
- To make other modifications to the spending plan?
- Other?

INTEGRATED BUDGET ELEMENTS



INTEGRATED WORK ASSUMPTIONS

- 2021-23 Budget should include funding for each Integrated budget element, except the \$3M in funding for property acquisition projects.
- Funding for Integrated budget category should come equally from the \$33.05M allocations for flood damage reduction and aquatic species habitat restoration
- To fund Integrated work at reduced level of \$3.86M, both flood damage reduction and aquatic species habitat restoration allocations would need to be \$31.15M

AQUATIC SPECIES & HABITAT RESTORATION BUDGET ELEMENTS



AQUATIC SPECIES HABITAT RESTORATION

- Board members requested more detail on the cost estimates for the \$22M in New Projects and how those projects would be prioritized:
 - Small projects: \$1.6M
 - Reach-scale projects: \$15.5M
 - Non-Salmon projects: \$2M
 - Acquisitions for protection: \$3M

AQUATIC SPECIES HABITAT RESTORATION ASSUMPTIONS

- 2021-23 aquatic species habitat restoration allocation should be \$31.15M (~\$1.9M less than ASRP Steering Committee's request).
- Board will ask ASRP Steering Committee to make recommendation for how to adjust total allocation from original ASRP estimate.
- The All-H Integration work plan and budget for WDFW and the tribes requested by the Board will be managed by the OCB Director rather than by the ASRP Steering Committee.

FLOOD DAMAGE REDUCTION BUDGET ELEMENTS



FLOOD DAMAGE REDUCTION

- Based on Board discussion, additional reductions to flood damage reduction budget estimates will need to be agreed to by the Board in order to meet the ~\$31M allocation for flood damage reduction elements.

LOCAL-SCALE FLOOD DAMAGE REDUCTION BUDGET ELEMENTS



LOCAL ACTIONS ALTERNATIVE & COMPREHENSIVE BASIN-WIDE FLOOD DAMAGE REDUCTION ROAD MAP

- During May 17 meeting, Board members sought clarification about Local Actions Program & expressed interest in a new budget element for further evaluation of a local actions alternative and development of a comprehensive, basinwide flood damage reduction strategy.
- Board members suggested this work should build on the Local Actions Program advisory group process.
- Preliminary budget range for the work is \$500,000 - \$1,500,000 (based on level of effort for Local Actions Program process in 2019-21).

NORTH SHORE LEVEE & FLOOD AUTHORITY PROJECTS & CFAR

- Board clarification that funding for North Shore Levee was not duplicative of funding Aberdeen and Hoquiam had received through other sources.
- Board discussed ways to adjust funding levels for local projects and expressed support for having Flood Authority make recommendations to the Board for prioritizing local projects within the overall funding level.
- Board members suggested de-emphasizing new CFAR project implementation funding until current CFAR carryforward funding is used. No concerns or objections were raised about new funding for OCB to continue providing technical assistance.

FLOOD RETENTION FACILITY & AIRPORT LEVEE PROJECT BUDGET ELEMENTS



PRELIMINARY ENGINEERING AND DESIGN

- During May 17 meeting, Board members requested more detail about \$6M estimate for preliminary engineering and design activities for the FRE, and timing of when additional engineering and design work would happen. Discussion clarified that:
 - Additional design/engineering work is needed to respond to the draft SEPA and NEPA EIS comments and to refine AM&M analyses (e.g., for fish passage components of the facility), and
 - Additional design/engineering work would be needed to prepare preliminary draft permit applications for federal and state water quality permits.

PRELIMINARY ENGINEERING AND DESIGN

FCZD letter from 5/25/21 noted that:

- Majority of preliminary engineering work is not scheduled to begin until after final SEPA and NEPA FEISs are complete (tentatively Q3 of 2022)
- \$6M intended to fund engineering activities expected to be required to provide information to support EISs and permit application. It is uncertain how much of \$6M is needed to finish the EISs.

PRELIMINARY ENGINEERING AND DESIGN

FCZD letter from 5/25/21 noted that \$6M engineering and design budget element could include:

- Final construction phase fish passage design and construction plan
- Levee design refinement to avoid impacts to wetlands
- Engineering study to assess Pe Ell water system impacts and prepare upgrade design
- Geotechnical studies on dam foundation, bypass tunnel, geologic conditions, and quarry site resource characteristics
- Surveys for access road design
- Engineering support to aquatic mitigation design and temporary water rights acquisition plan
- Engineering support to ESA Biological Assessment review and Section 106 consultation

2019-2021 UNOBLIGATED FUNDS



2019-21 UNOBLIGATED FUND SUMMARY

Board members requested more detail on how much of the re-appropriated 2019-21 Chehalis Basin Strategy funds are currently unobligated, and any pending plans to obligate these funds to new or existing work elements.

BUDGET FUND TYPE	2019-21 UNOBLIGATED (IN MILLIONS)	PENDING CONTRACT AMOUNTS	ADJUSTED 2019-21 UNOBLIGATED (IN MILLIONS)
AQUATIC SPECIES HABITAT RESTORATION PROJECTS	\$2.1	\$2.1	\$0
FLOOD DAMAGE REDUCTION PROJECTS	\$2.8	\$2.4	\$0.4
ACTIVITIES TO ADVANCE THE LONG-TERM CAPITAL STRATEGY	\$4.0	\$0	\$4.0
TOTAL	\$8.9	\$4.5	\$4.4

2019-2021 UNOBLIGATED FUNDS – AQUATIC SPECIES HABITAT RESTORATION

Currently \$2.1M in unobligated 2019-21 funds.

WDFW staff in process of obligating the entirety of these funds for:

- \$310K for procurement of large woody material to support ASRP habitat restoration project construction
- \$1.8M to fill a construction funding gap to complete all five of the Early Action Reach restoration projects

2019-2021 UNOBLIGATED FUNDS – FLOOD DAMAGE REDUCTION

Currently \$2.8M in unobligated 2019-21 funds for CFAR projects.

OCB staff in process of obligating funds for:

- \$2.25M (Up to 15 home elevation projects at ~\$150K/project)
- \$150K (Up to 10 crawlspace and flood opening retrofits at ~\$15K/project)
- Remaining \$400K for additional priority retrofit and floodproofing projects identified in the 2021-23 biennium

2019-2021 UNOBLIGATED FUNDS – ACTIVITIES TO ADVANCE LONG-TERM CAPITAL STRATEGY

Currently \$4M in unobligated 2019-21 funds to advance long-term capital strategy. Potential work elements these funds could be used for:

- Developing a comprehensive flood damage reduction strategy
- New project opportunities
- Additional staffing needs for agencies and tribes
- Changes in cost/scope
- Other cost overruns or unanticipated additional funding

BOARD QUESTIONS (UNOBLIGATED 19-21 FUNDS)

- Do you have questions or concerns about WDFW's or OCB's pending plans for currently unobligated 2019-21 ASRP & CFAR funds?
- How much of the remaining unobligated 2019-21 funds do you want reserved to address unforeseen budget needs and new opportunities that arise during the 2021-23 biennium?