

The background of the slide is a photograph of a rural landscape. In the foreground, there is a body of water, possibly a lake or a large pond, reflecting the sky. The middle ground shows a line of trees and a building with a white silo. The background is a dense forest of trees. The sky is overcast. The overall color palette is muted, with greens, browns, and greys.

Chehalis Basin Strategy 2019-2021 Budget Development

Chehalis Basin Board Meeting
October 15, 2018

Overview

- Questions for Board
- Review direction, timeline, and assumptions
- Updates from September Board meeting
- Review final draft 2019-21 budget recommendation options
- Decisions from Board
- Next steps

Questions for Board

- Is the \$50M “level funding” distribution consistent with Board’s priorities for advancing Long-Term Capital Strategy and near-term, On-the-Ground Actions in 2019-21?
- Does Board want to recommend additional funding above \$50M level in order to more aggressively pursue implementation of ASRP habitat projects? (\$~18M+)
- Does Board want to recommend increased request for design & construction of top seven Flood Authority 2019-2021 project submittals instead of top three (+\$600,000)?
- Are there other adjustments you would like to include?

Legislative Direction

“The board is responsible for...developing biennial and supplemental budget recommendations to the governor.”

RCW 43.21A.731(6)

“For administrative purposes, the board is located within the department.”

RCW 43.21A.731(3)

Budget Timeline - revised

OCTOBER

- **Oct 15:** Board approves *final* 2019-2021 Capital Budget recommendations to Governor
- **Oct 23:** Ecology briefs OFM Director on all ECY budget requests, *including OCB*
- **Oct 29:** CBB Delegation briefs Governor's Chief of Staff and OFM Director

NOVEMBER/DECEMBER

- **TBD:** Legislative staff & Committee briefings
- Governor's Budgets prepared & released mid-Dec

2019-2021 Budget Assumptions

- Budget development now led by OCB & Board, but using Ecology's agency process & timelines
- Continued Board support for a mix of “on-the-ground” actions & efforts to develop long-term strategy
- Funding for core OCB staff shifts from Capital Budget to Operating Budget request

Additional Board Direction

In September, Board agreed that:

- \$50M would be minimally sufficient to “aggressively pursue” mission in 2019-2021, but wanted more information about what additional investment in ASRP could achieve before deciding on a final amount.
- 2019-2021 budget should invest more in on-the-ground projects than in previous biennia (both in \$ and % of overall funding).
- More information on anticipated outcomes will support the Board’s decision-making.

2019-2021 Budget Options

- Level Funding: **\$50 Million**

- Same amount as 2017-19, but with different distribution of feasibility analyses/development of long term strategy relative to on-the-ground (pre-construction & construction) actions.

- Increased Funding: **\$68+ Million**



- Based on Board's priorities for ASRP (**\$18M**);
- Possible additional increases for Flood Authority projects; North Shore Levee, CFAR

Level Funding Comparisons

Distribution of \$50M “Level Funding” in 2015-17, 2017-19, 2019-21



\$50M Level Funding Differences from 2017-19

- 30%  in total funding for “on-the-ground” projects
- 28%  in total funding for advancing long-term strategy

2017-2019 and 2019-2021 “Level Funding” Budget Elements

BUDGET ELEMENT	2017-2019 (BUDGETED)	2019-2021 (LEVEL FUNDING)
ADVANCING LONG-TERM STRATEGY		
Core OCB Staff	N/A	(Operating)
Overall Participation	\$4.7	\$4.9M
Development of Long-Term Strategy	\$1.1M	\$600K
Continued Development of ASRP	\$6.3M	\$3.5M
Restorative Flood Protection	\$5.5M	(CFAR)
SEPA/NEPA EIS for Flood Retention Facility/Airport Levee	\$12.5M	\$12.5M
Forest Practices Study	\$330K	\$445K
<i>Sub-Total</i>	<i>\$30.4M</i>	<i>\$21.9M</i>
ON-THE-GROUND ACTIONS		
ASRP Implementation	\$10M	\$16.5M
Aberdeen/Hoquiam North Shore Levee	\$1.5M	\$4.8M
Floodproofing/Floodplain Management/CFAR	\$400K	\$3M
Local Projects	\$7.7M	\$3.8M
<i>Sub-Total</i>	<i>\$19.6M</i>	<i>\$28.1M</i>
TOTAL	\$50M	\$50M

Options to More Aggressively Pursue ASRP

BUDGET ELEMENT	2019-2021	ADDITIONAL BUDGET
ADVANCING THE LONG-TERM STRATEGY		
ASRP	<ul style="list-style-type: none"> • Broader suite of monitoring to establish baseline (needed to assess effectiveness of future restoration actions) • Filling critical data gaps needed to improve effectiveness of ASRP 	\$1.85M
ON-THE-GROUND ACTIONS		
ASRP Implementation	<ul style="list-style-type: none"> • Increased design and construction of projects 	\$16.15M
	TOTAL	\$18M

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Advancing the Long-Term Strategy

- Overall Participation (\$4.9M)
- Development of Long-Term Strategy (\$600K)
- Continued Development of Aquatic Species Restoration Plan (ASRP) – (\$3.5M - \$5.3 M)
- SEPA/NEPA EIS for Flood Retention Facility/Airport Levee (\$12.5M)
- Forest Practices Study (\$445 K)

Overall Participation (\$4.9M)

- Agency and tribal staffing:
 - Overall project management,
 - Budget management/administration,
 - Attending meetings and workshops,
 - Time to engage staff with particular expertise,
 - Inter-agency coordination, and
 - Coordination with outside agencies.
- Public involvement and outreach for all actions and activities under Strategy.

Development of Long-Term Strategy (\$600K)

- Develop assessment report to inform the Board's deliberations for funding and implementation of a long-term Chehalis Basin Strategy.

Continued Development of ASRP (Level Funding)

- Continue participation and coordination of ASRP Steering Committee and Science Review Team to refine and finalize ASRP document
- Public review and subsequent revision of ASRP
- Prepare near-term implementation plan
- Refine models informing ASRP
- Conduct pre-construction baseline monitoring to address critical data gaps & improve effectiveness
- Develop post-construction M&AM plan

Pre-Construction Monitoring/ Data Gaps

Level Funding Scenario (ASRP at \$3.5M)

- Smolt production
- Native fish occupancy
- Abundance/distribution of chum salmon

More Aggressive Funding Scenario (ASRP at \$5.3M)

- Spawner abundance
- Ecology of non-native fish
- Western ridge mussels
- Habitat survey spot checks
- Beaver occupancy and distribution

SEPA/NEPA EIS for Flood Retention Facility/Airport Levee (\$12.5M)

- Complete draft and final SEPA and NEPA EISs
- Identify preliminary mitigation requirements
- Complete baseline and pre-construction monitoring needs specific to water quality, and salmon and other aquatic species.
- Complete Doty Hills Fault study.
- Continue staffing support for FCZD and USACE.

Forest Practices Study (\$445K)

- Complete second phase of study evaluating relationship between contemporary forest practices and streamflow in the Chehalis Basin.

2017-2019 and 2019-2021 Budget Elements

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Continued Development of ASRP	\$6.3M	\$3.5M - \$5.3M
Restorative Flood Protection	\$5.5M	(CFAR)
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Forest Practices Study	\$330K	\$445K
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Overall Participation	\$4.7	\$4.9M
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On-the-Ground Actions

- Aquatic Species Restoration Plan (ASRP) Implementation
- Aberdeen-Hoquiam North Shore Levee
- Floodproofing/Floodplain Management – Community Flood Assistance & Resilience (CFAR) Program
- Local Flood Damage Reduction Projects

ASRP Implementation (\$16.5 - \$32.65M)

- Construct 3-5 early-action reach sub-basin projects.
- Construct next phase of barrier removal projects.
- Design 2-5 new reach scale projects.
- Implement targeted native aquatic species actions.
- Continue landowner outreach, and associated agency & contractor staffing needs, including USACE.
- Permanently conserve key parcels within the reach-scale project sites through acquisition or easements.

ASRP Implementation

“Level Funding”

What do you get at level funding?

- Results vary based on distribution of funds
- \$13 million for **construction** of projects currently in design
 - Full construction of 2 or 3 reach scale designs (6 miles)
 - OR Partial construction of five reach scale designs (~6 miles)
 - OR Construction of barrier removals (~3.7 miles/project)
 - OR One native aquatic species restoration project (~10 acres)
- \$1M for **new designs**
 - Two new reach scale designs (4 miles)
- Steering Comm will refine funding focus as reach design process proceeds
- Acquisition is included within reach scale projects, but no funds proposed for acquisition outside of these reaches

ASRP: “More Aggressively Pursue”

What do you get if you more “aggressively pursue”?

- Construction of *all current* designs
- \$22.5 million for construction of projects currently under design
 - Full construction of 5 reach scale designs (10 miles)
 - Construction of barrier removals (26 miles)
 - Implementation of all native aquatic species projects
- \$2.5M for *new* designs
 - Five reach scale designs (10 miles)
- Acquisition within reach scale projects

North Shore Levee (\$4.8 - \$10M)

- Complete ROW property & permit fees for North Shore Levee construction (\$2.3M)
- Construct Aberdeen Fry Creek pump station associated w/ North Shore Levee (\$6.2M)
- Construct additional tasks (\$1.5M)
- NOTE: Estimates & request have changed since September board meeting

Floodproofing/Floodplain Management/CFAR Program (\$3M)

Begin implementation of CFAR Program developed in 2017-19, in order to:

- Provide technical assistance to local gov & landowners
- Provide funds to local jurisdictions for priority property protection actions that are consistent with locally adopted flood damage reduction strategies
- Incorporate CMZ & high hazard area assessments within scope & budget directed by Board

Local Projects

- Design and construction of high-ranking qualified Flood Authority (FA) 2019-2021 projects
- FA top tier list & estimates revised since Sept:
 - From \$6.3M to \$6.9M
 - From 3 projects to 7 projects

Local Projects (current proposal)

- *Aberdeen Fry Creek Pump Station (\$2.5M – additional \$\$ included North Shore Levee estimate)*
- Centralia China Creek Flood and Habitat Mitigation (\$2.5M)
- Hoquiam -- West Hoquiam Flood Protection Levee (\$666K)
- Chehalis -- Flood Storage and Habitat Enhancement Master Plan (Phase II) (\$406K)
- Grays Harbor County -- Keys Road Flood Protection (\$200K)
- Port of Chehalis -- Berwick Creek Flood Reduction, Restoration (\$417K)
- Chehalis River Basin Comprehensive Flood Hazard Management Plan (\$229K)

2019-2021 Budget Options

BUDGET ELEMENT	2017-2019 (BUDGETED)	2019-2021 (LEVEL FUNDING)	2019-2021 (MORE AGGRESSIVE)
ADVANCING THE LONG-TERM STRATEGY			
Core OCB Staff	N/A	(Operating)	(Operating)
Overall Participation	\$4.7M	\$4.9M	\$4.9M
Development of Long-Term Strategy	\$1.1M	\$600K	\$600K
Continued Development of ASRP	\$6.3M	\$3.5M	\$5.35M
Restorative Flood Protection	\$5.5M	(CFAR)	(CFAR)
SEPA/NEPA EIS for Flood Retention Facility/Airport Levee	\$12.5M	\$12.5M	\$12.5M
Forest Practices Study	\$330K	\$445K	\$445K
Sub-Total	\$30.4M	\$21.9M	\$23.8M
ON-THE-GROUND ACTIONS			
ASRP Implementation	\$10M	\$16.5M	\$32.65M
Aberdeen/Hoquiam North Shore Levee	\$1.5M	\$4.8M	\$10M
Floodproofing/Floodplain Management/CFAR	\$400K	\$3M	\$3M
Local Projects	\$7.7M	\$3.8M	\$4.4M
Sub-Total	\$19.6M	\$28.1M	\$50M
TOTAL	\$50M	\$50M	\$73.8M

Decisions by Board

- Is the \$50M “level funding” distribution consistent with the Board’s priorities for advancing Long-Term Capital Strategy and near-term, on-the-ground actions in 2019-21?
- Does the Board want to recommend additional funding above \$50M level in order to more aggressively pursue implementation of ASRP habitat projects? (+~\$18M)
- Does the Board want to recommend increased request for design & construction of top 7 ranking Flood Authority 2019-2021 project submittals (+\$600K)?
- Are there other adjustments you would like to include? (+ >\$5.2M North Shore Levee)

Next Steps

- Oct 15: Board approves *final* 2019-2021 Capital Budget recommendations for submittal to Governor
- After Oct 15: Staff develops memo summarizing Board's recommendations to Governor
- Oct 23: Ecology briefs OFM Director on Ecology Decision Packages, including OCB/Strategy request
- OCB Director briefs OFM & Legislative staff on Board's final budget recommendations
- OCB Director and delegation of Board members brief Governor
- Outreach to legislators & staff during Legislative Assembly Days in November and December