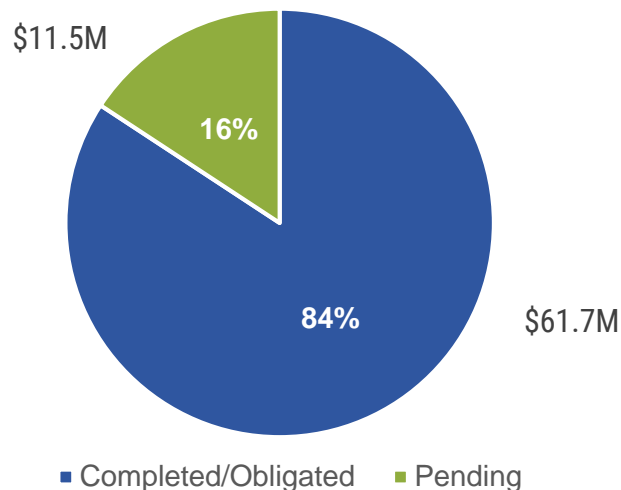


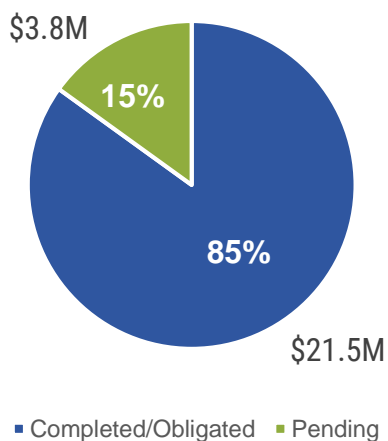
Chehalis Basin Strategy 2019-2021 Budget Status

This document provides the Chehalis Basin Board (Board) an update on the current status of the 2019-2021 biennial budget, and illustrates the status of completed/obligated¹ and pending² funds for three major budget categories: (1) Advancing the Long-Term Strategy, (2) Flood Damage Reduction Projects, and (3) Aquatic Species Habitat Restoration Projects.

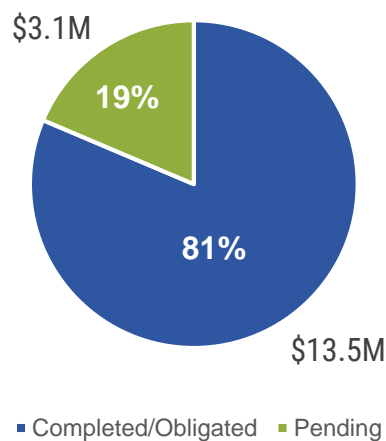
2019-2021 Chehalis Basin Strategy Budget Summary (\$73.2M)



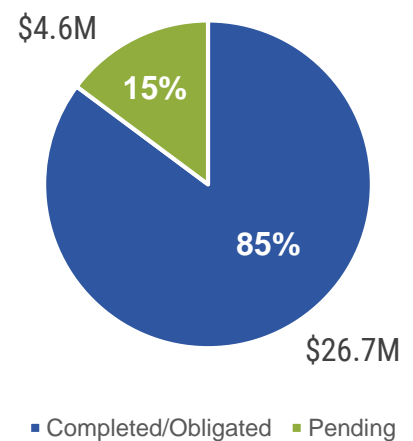
Advancing the Long-Term Strategy (\$25.3M)



Flood Damage Reduction Projects (\$16.6M)



Aquatic Species Habitat Restoration Projects (\$31.3M)



¹ Completed/Obligated: completed work or work currently under agreement to implement the 2019-2021 biennial budget

² Pending: contract amendments or new agreements that are in process but not fully executed to implement the 2019-2021 biennial budget

Chehalis Basin Strategy 2019-2021 Budget Status

2019-2021 Budget Appropriation (\$73.2M)

- \$68.1M allocated for: Advancing the Long-Term Strategy (\$20.2M); Flood Damage Reduction Projects (\$16.6M), and; Aquatic Species Habitat Restoration Projects (\$31.3M)
 - \$56.6M completed or currently under agreement; \$11.5M pending contract amendment or new agreement
- Of the total \$73.2M 2019-2021 biennial budget appropriation, \$3.24M was retained by the Office of Chehalis Basin (OCB) and Department of Ecology for core OCB operations and staffing, public outreach and communications, budget oversight, environmental monitoring, and technical assistance. In addition, \$1.84M was retained by the Recreation and Conservation Office for contract and grant administration.

Advancing the Long-Term Strategy (\$25.3M)

- \$21.5M completed or currently under agreement; \$3.8M pending contract amendment or new agreement
- Work Completed: Phase 1 of the Aquatic Species Restoration Plan (ASRP) in November 2019; Draft SEPA EIS for the flood damage reduction proposal by the Chehalis River Basin Flood Control Zone District (FCZD) in February 2020
- In-Progress: Development of Phase 2 ASRP; Development of Draft NEPA EIS; Public outreach and hearings on Draft SEPA EIS; Doty Hills fault study (Department of Natural Resources [DNR]); Phase 1 evaluation of the relationship between contemporary forest practices and streamflow in the Chehalis Basin (DNR); Develop Long-Term Strategy Assessment to support Board decision making
- Pending: Development of Phase 3 ASRP; Response to comments on Draft SEPA EIS; Preparation and completion of final SEPA and NEPA EISs

Flood Damage Reduction Projects (\$16.6M)

- \$13.5M completed or currently under agreement; \$3.1M pending contract amendment or new agreement
- Work Completed: Technical assistance and coordination with local governments to explore potential Community Flood Assistance and Resilience (CFAR) needs and priority actions
- In-Progress: Right-of-way property acquisition, permitting, and first phase of internal drainage improvements associated with North Shore Levee project; Construction of new pump station for Aberdeen Fry Creek Restoration & Flood Reduction project; Implementation of Chehalis River Basin Flood Authority's recommended 2019-2021 local flood damage reduction projects; Implementation of Phase I Lower Satsop Restoration and Protection project
- Pending: Implementation of early CFAR opportunity projects, such as retrofitting homes and businesses and certifying home elevations for flood insurance purposes; Continued technical assistance under CFAR for property owners and local governments

Aquatic Species Habitat Restoration Projects (\$31.3M)

- \$26.7M completed or currently under agreement; \$4.6M pending contract amendment or new agreement
- Work Completed: Preliminary design of reach-scale restoration projects in five "early action" sub-basins (approximately 2 miles each in length)
- In-Progress: Water use study in two sub-basins; Permitting, final design and land acquisition for early-action reach restoration projects; \$5M in grants for new habitat restoration projects targeting high-priority ASRP actions throughout the Basin
- Pending: Construction of early-action reach restoration projects; Design of new reach-scale restoration projects; Protection of key habitat areas through acquisition or conservation easements negotiated with willing landowners; Implement targeted actions to benefit native aquatic and semi-aquatic species

Chehalis Basin Strategy Completed and In-Progress Projects

Legend:

- Study Area (Green outline)
- County Boundary (Gray outline)
- Project Type (2019 - 2021)**
 - Aquatic Habitat Restoration Projects (Dark green dot)
 - Flood Damage Reduction Projects (Blue square)
- Project Type (2011 - 2021)**
 - Farm Pads
 - Completed (25 projects, \$825,489) (Blue square)
 - Local Flood Relief Projects
 - Completed (26 projects, \$26,227,635) (Dark green triangle)
 - In-Progress (11 projects, \$14,543,645) (Light green triangle)
 - Local Flood Proofing
 - Completed (11 projects, \$96,812) (Blue diamond)
 - Habitat Projects
 - Completed (38 projects, \$7,823,718) (Dark green circle)
 - In-Progress (17 projects, \$7,005,387) (Light green circle)

Map Labels:

- Wynoochee Reach Habitat Restoration (RM 14.0 - 16.2)
- East Fork Satsop Reach Habitat Restoration (RM 7.8 - 10.8)
- Grays Harbor County Keys Road Flood Protection
- Fry Creek Restoration & Flood Reduction Project
- Northshore Levee (West Segment)
- Chehalis Flood Storage and Habitat Enhancement Master Plan
- South Fork Chehalis (Stillman Creek) Reach Habitat Restoration (RM 0 - 2.5)
- Chehalis River Basin Flood Control Zone District - Comprehensive Flood Hazard Management Plan
- Skookumchuck Reach Habitat Restoration (RM 18.6 - 19.6 and 21.6 - 21.7)
- China Creek Flood and Habitat Mitigation
- South Fork Newaukum Reach Habitat Restoration (RM 10.9 - 13.0)
- Berwick Creek Flood Reduction

Geographic Labels:

- Quinalt Indian Nation
- Grays Harbor
- Lake Quinalt
- Lake Cushman
- Wynoochee River
- West Fork Humptulips River
- East Fork Humptulips River
- Humptulips River
- West Fork Satsop River
- East Fork Satsop River
- Middle Fork Satsop River
- Wishkah River
- Elk River
- Johns River
- Porter
- Confederated Tribes of the Chehalis Reservation
- Oakville
- Grand Mound
- Skookumchuck River
- Bucoda
- Centralia
- Chehalis
- Boistfort
- Pe Ell
- Doty
- Braker
- Adna
- Lewis
- South Fork Newaukum River
- North Fork Newaukum River
- Cowlitz River
- Columbia River
- Astoria
- Long Beach
- Raymond
- Thurston
- Tenino
- Pierce
- Olympia
- Lacey
- Pacific Ocean

Scale: 0 to 10 Miles