

The background of the slide is a photograph of a river basin. In the foreground, there is a body of water, possibly a reservoir or a wide river section, with some reeds and grass along the banks. In the middle ground, a dam or a series of low walls are visible across the water. The background is filled with a dense forest of trees, mostly without leaves, suggesting a late autumn or winter setting. The sky is overcast and grey. The overall tone is somewhat somber and naturalistic.

# Chehalis River Basin Long-Term Strategy Assessment

Chehalis Basin Board Meeting  
March 5, 2020

# Presentation Objectives

- Refresher on Long-Term Strategy Assessment information provided at February Board meeting
- Adjustments to recommended approach and schedule
- Outreach since February Board meeting
- Request for Board direction on approach, key assumptions & schedule for Assessment, so that work can begin this month

# Chehalis Basin Strategy must...

*“Include a detailed set of actions...” to aggressively pursue flood damage reduction and aquatic species habitat restoration*

*“...be amended by the Chehalis Board as necessary to include new scientific information and needed changes to the actions to achieve the overall purpose of the strategy.”*

*“...include an implementation schedule and quantified measures for evaluating the success of implementation.”*

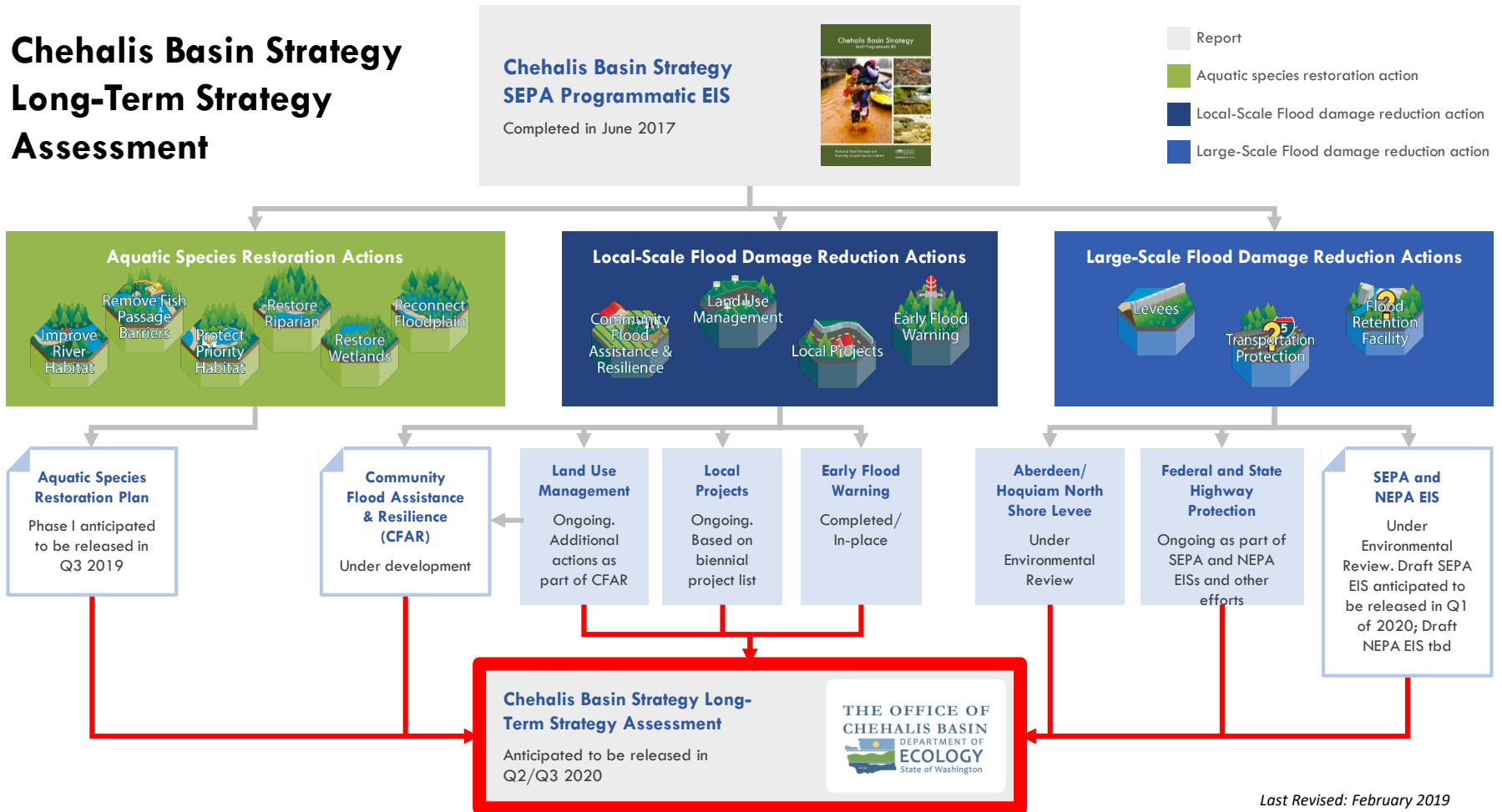
RCW 43.21A.732

# Long-Term Strategy Assessment

Is intended to:

- Provide basis for Board's long-term strategy and budget recommendations in fall 2020
- Build off Programmatic EIS and additional work completed during 2017-19 and 2019-21 biennia
- Include more detailed set of actions and a phased implementation schedule
- Help Board evaluate social, environmental, economic, and other public interest considerations

# Chehalis Basin Strategy Long-Term Strategy Assessment



Last Revised: February 2019

# Overview of Assessment

- Action Elements
- Interrelationships (Combinations & Scenarios)
- Analytical Approaches
- Key Assumptions
- Implementation and Governance

# Questions for Today

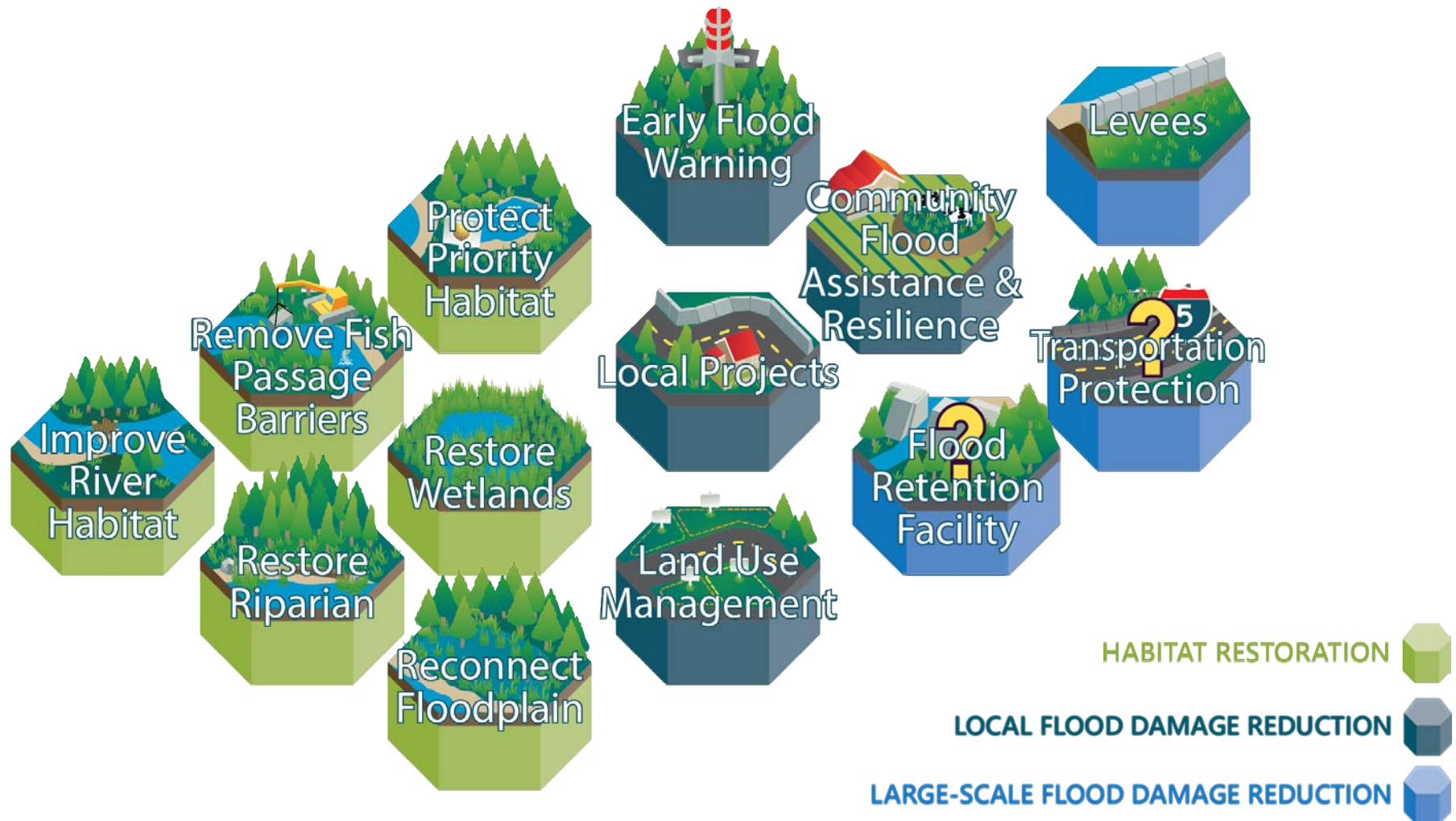
- Do the Action Elements capture the types of actions that should be evaluated in the Assessment?
- What interrelationships between actions are you most interested in?
- Do you have questions or concerns about the Key Assumptions? Do you support the Key Assumptions?
- Assuming the Board supports extending the timeline for your recommendations to later in the fall, would it also make sense to shift the Board workshop and public hearings from September to later in the fall?

# Outreach Since February Board Meeting

- Board member conversations and outreach
- February 21 informational webinar
  - Over 100 participants
  - Opportunity to ask questions, provide input, and learn more details about the Assessment approach & assumptions
  - Participant questions focused on clarifications regarding analytical approaches, modeling assumptions and schedule



# Action Elements



# Land Use Actions



- Intersect and support both habitat & flood damage reduction goals
- Analysis & assumptions for Assessment will be based on:
  - Programmatic & Project EISs
  - ASRP
  - CFAR
  - Climate Change Analysis
  - Flood Authority local projects
- Scope and scale of actions will be developed in partnership with basin local governments.

# Analysis of Interrelationships

Will include different combinations & scenarios, but  
Will NOT be presented as discrete “Alternatives”

Will evaluate their different potential:

- Outcomes for meeting goals of reducing flood damage and restoring aquatic species habitat
- Impacts re: social, environmental, economic and other public interest considerations

# No Action

## Will:

- Analyze most likely future in absence of any new Chehalis Basin Strategy habitat restoration or flood damage reduction actions
- Serve as a basis to compare future conditions with and without the potential benefits and impacts of the potential habitat restoration or flood damage reduction actions
- Assume existing programs & trends continue
- Assume climate change projections

# Analytical Approaches

Will include:

- Both quantitative and qualitative data
- Economics and Benefit-Cost Analysis
- Socioeconomic / Environmental Justice Analyses
- Modeling results for range of timeframes & scenarios

# Key Assumptions

Assessment will use currently available data and models, rather than creating new ones

- EDT Modeling (multiple species)
- Hydraulic Modeling
- HAZUS Flood Modeling

New NOAA Life-Cycle modeling runs will not be included at this time

Evaluation of flooding on some tributaries will be qualitative

# Key Assumptions *continued*

The Assessment will NOT:

- Consider ASRP actions as mitigation for aquatic species habitat impacts from large-scale flood damage reduction actions
  - No projects will be counted toward both mitigation and ASRP
- Will not include a forest practices analysis because the proposed assessment (to be completed by DNR) will not be complete by fall 2020

# Long-Term Implementation and Governance

Assessment will also address long-term implementation and governance needs related to:

- Sequencing or phasing priority investments to develop necessary assurances
- Outlining a long-term governance structure
- Creating a long-term financing plan



# Revised Schedule

- **March 5**
  - Board approves approach, key assumptions & schedule for Assessment
- **April 2**
  - OCB staff recommends approach to develop 2021-23 budget
- **May 7**
  - Board approves approach to 2021-23 budget development.
- **June 4**
  - Board receives briefing on Draft SEPA EIS public comments
- **July 9**
  - Board receives briefing on preliminary EDT and economics results
- **Sept 3**
  - OCB staff presents preliminary info on Draft Assessment findings and conclusions
- **Sept 9-10**
  - *Possible public hearing(s) to receive input on preliminary Draft Assessment*

# Schedule continued

- **Sept 17**

- Board receives briefing on Draft NEPA EIS, differences between SEPA and NEPA and the relationship to other elements of the Strategy

- **Sept 30**

- *Possible Board workshop on Assessment and 2021-23 budget recommendation*

- **Oct 1**

- OCB staff present preliminary Draft Assessment and 2021-23 budget recommendation

- **Oct-Nov**

- *Possible Board workshop and public hearing(s) to receive input on preliminary Draft Assessment and 2021-23 budget recommendation*

- **December**

- Board approves recommendations on long-term strategy and 2021-23 budget

# For Discussion

- Do the Action Elements capture the types of actions that should be evaluated in the Assessment?
- What interrelationship between actions are you most interested in?
- Do you have questions or concerns about the Key Assumptions? Do you support the Key Assumptions?
- Assuming the Board supports extending the timeline for your recommendations to later in the fall, would it also make sense to shift the Board workshop and public hearings from September to later in the fall?