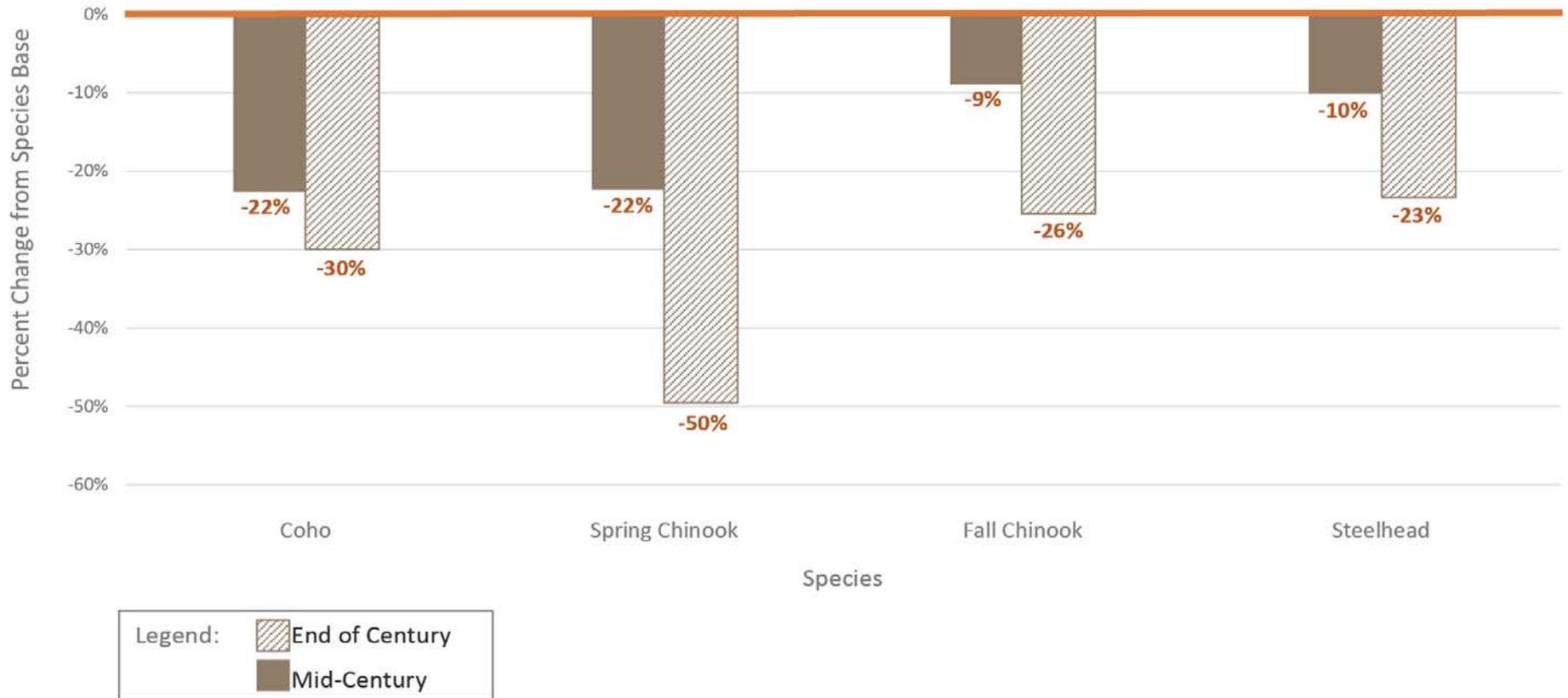


A landscape photograph showing a flooded rural area. In the foreground, there is a grassy field partially submerged in water. In the middle ground, a large barn with a red roof and a tall, cylindrical silo are visible. The background consists of a dense forest of bare trees, suggesting a late autumn or winter setting. The water is calm and reflects the surrounding environment. The image is framed by a green bar at the top and a blue bar at the bottom.

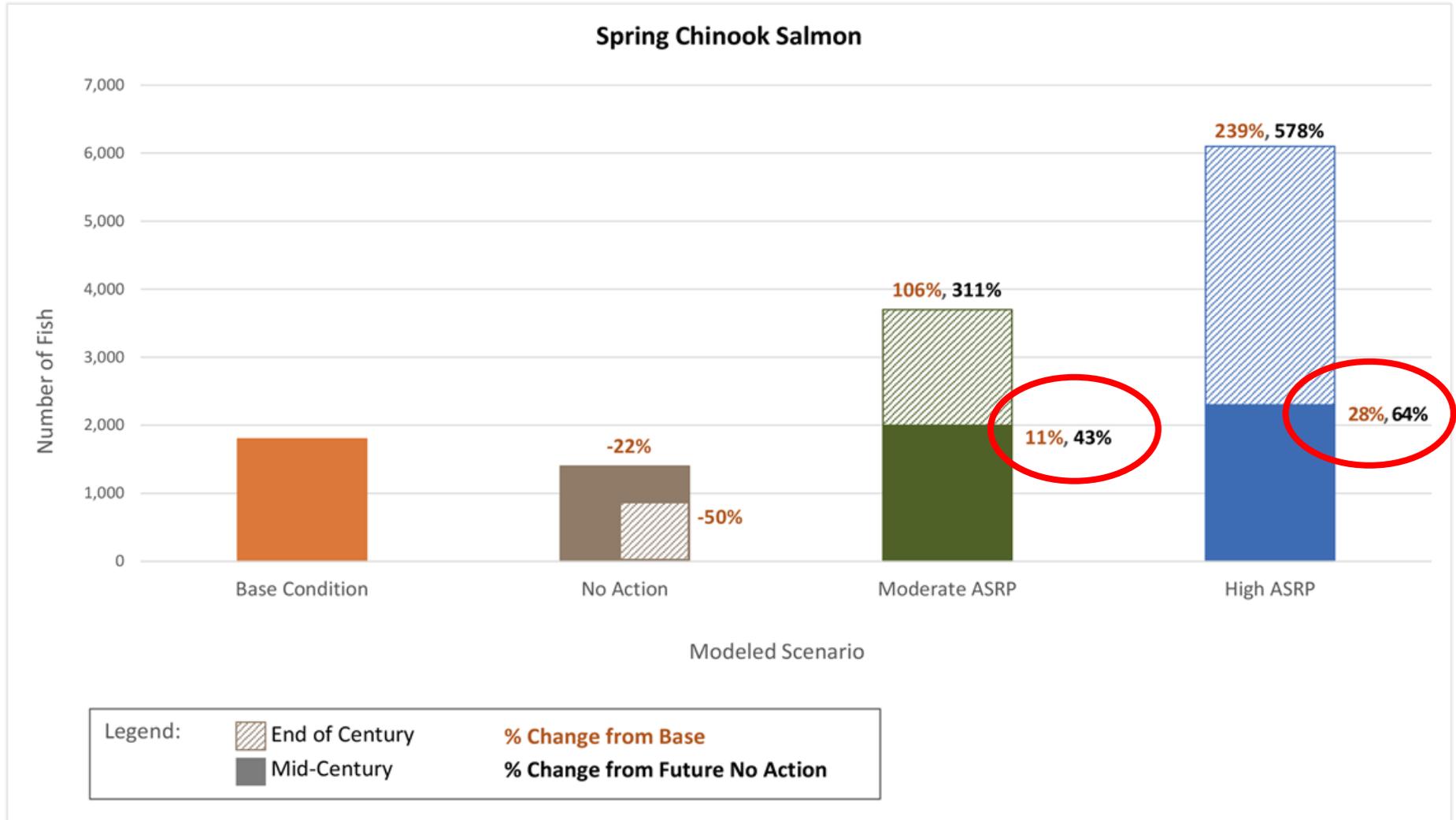
# Chehalis Basin Strategy

Challenges and Opportunities

# Expected Outcomes - Future No Action



# Expected Outcomes – Spring Chinook

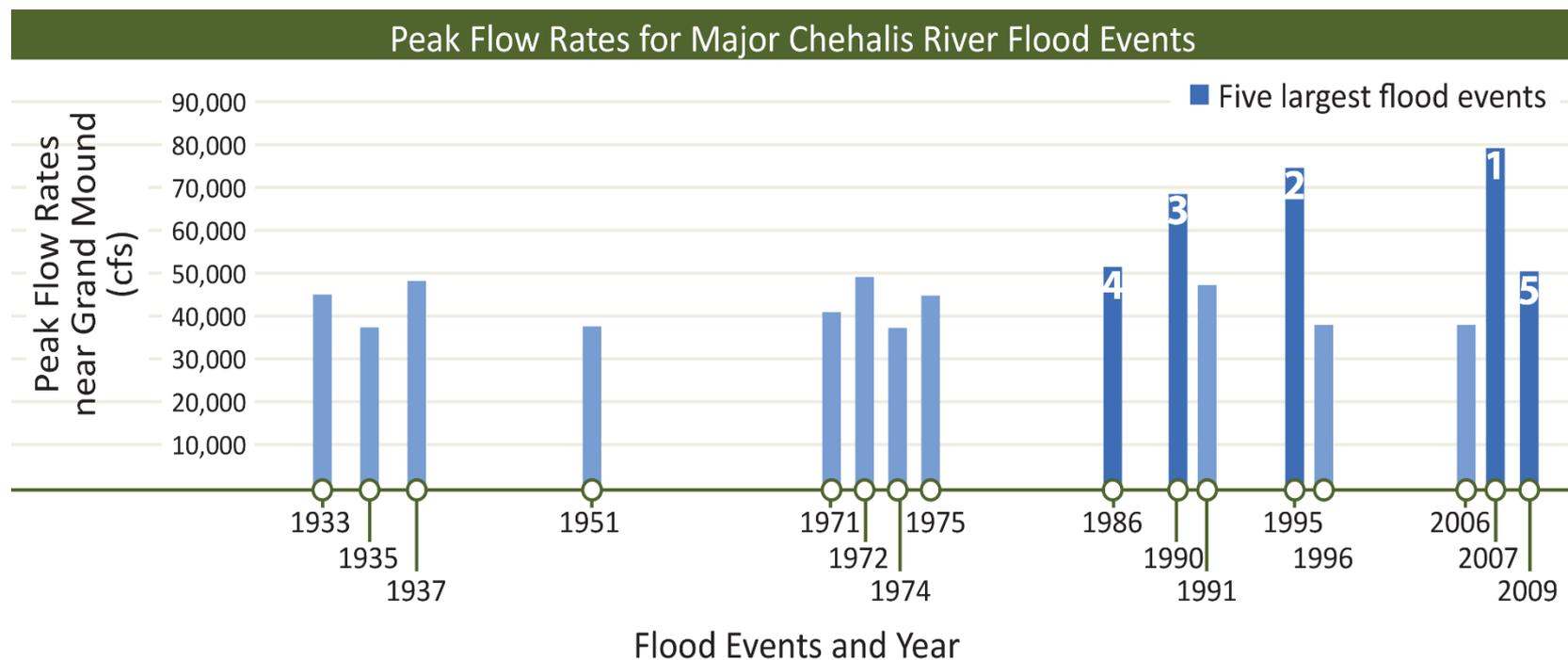


# Extreme Flooding



# The Floods Are Getting Worse

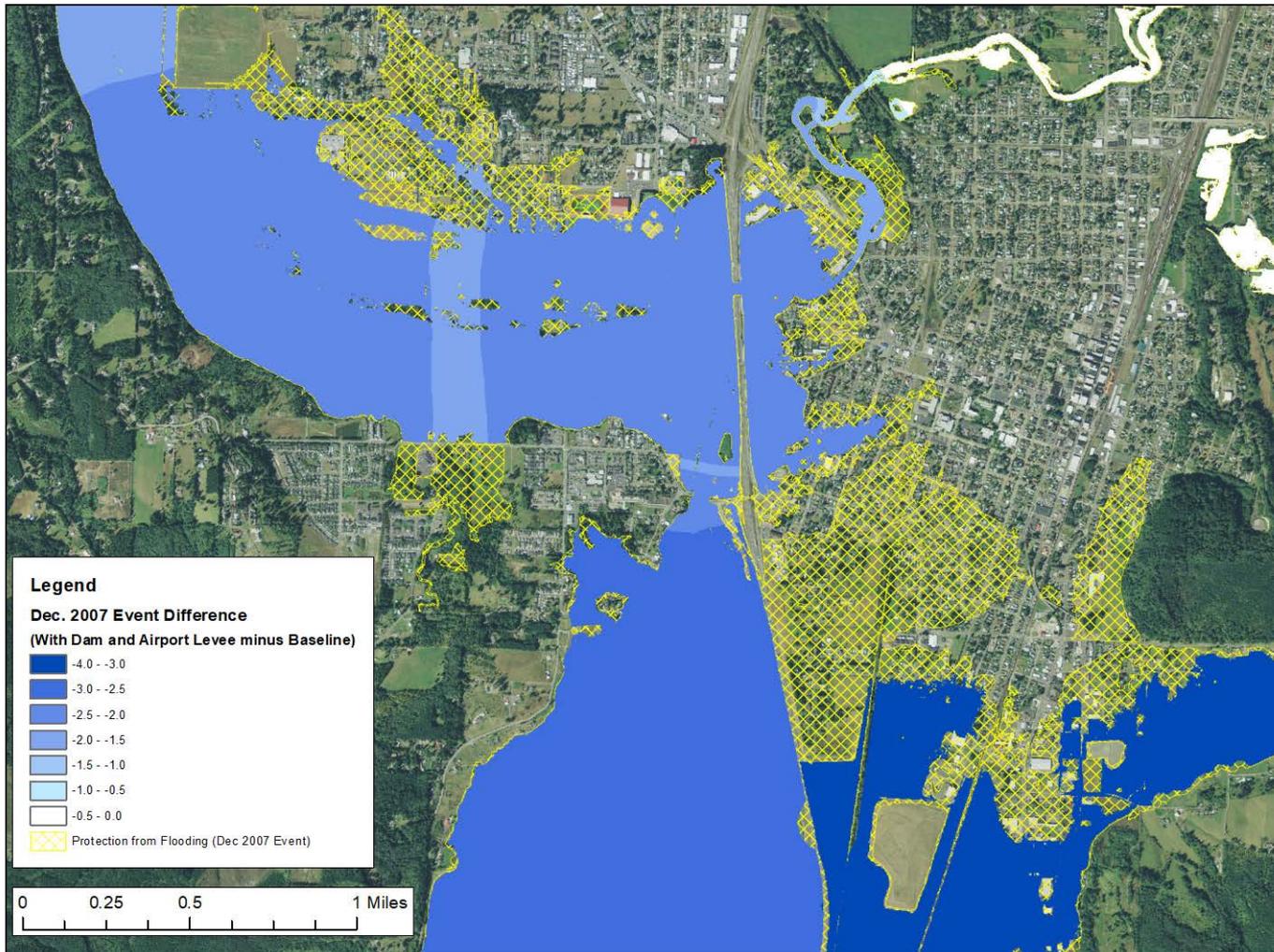
- I-5 closed in 1990, 1996, 2007, 2009
- Five largest flood events occurred since 1986



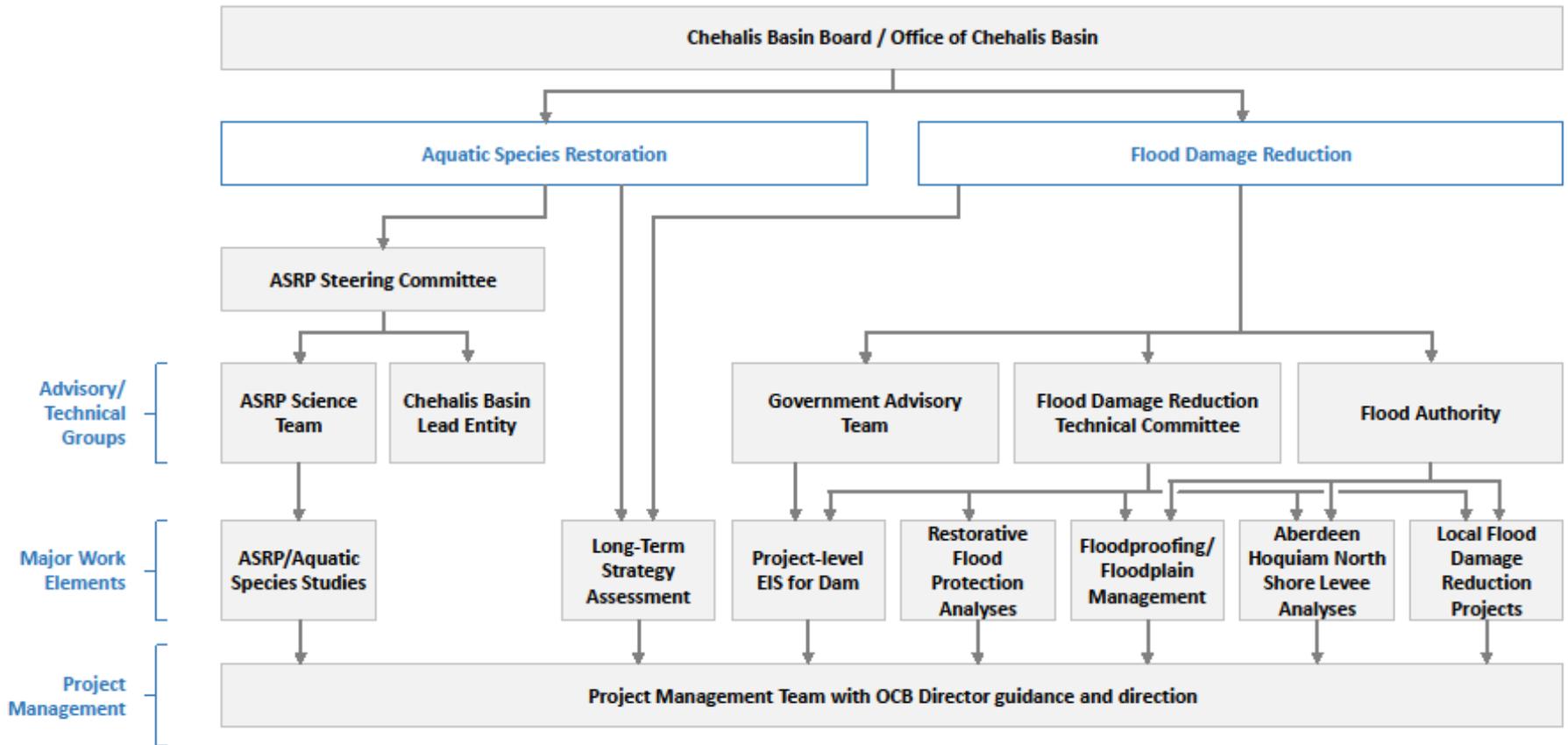
# No Action Results

- \$3.5 Billion damage over 100 years under current conditions, and potentially additional \$1 billion in Aberdeen from coastal flooding
- Extreme floods more frequent and larger – causing greater damage
- Loss of aquatic species
- Potential listing under Endangered Species Act

# Difference in Flood Depths



# DRAFT (6/23/17): Chehalis Basin Strategy 2017-2019 Organizational Structure



# Chehalis Basin Board - 2017-2019 Biennium Road Map (DRAFT 11/30/2017)

	2017		2018				2019	
	Q1: Jul-Sep	Q2: Oct-Dec	Q3: Jan-Mar	Q4: Apr-Jun	Q5: Jul-Sep	Q6: Oct-Dec	Q7: Jan-Mar	Q8: Apr-Jun
<b>Office of Chehalis Basin and Board Administration</b>								
Recommend changes to 2017-2019 budget	█							
Finalize Board policies, procedures, and guiding principles		█						
Review top candidates for OCB Director position and provide input to Director Bellon			█	█				
Provide input to OCB Director on hiring OCB staff			█	█				
Provide guidance to Ecology for development of 2019-2021 biennium budget request, including proposed projects lists				█	█			
Approve 2019-2021 budget recommendations to Governor						█		
<b>Aquatic Species Restoration Plan</b>								
Decide on additional science support to develop ASRP and ecological corridor pilot	█							
Provide input on ASRP vision, goals, initial strategies, and cost estimates (Phase 1: ASRP summary document)		█	█					
Provide input on landowner outreach strategy		█	█					
Provide input on implementation of early action reach projects					█	█		
Provide input on draft Phase 2 of ASRP					█	█		
Provide input on full draft of ASRP							█	
Provide input on changes to ASRP based on public comments							██	██
<b>Dam/Airport Levee</b>								
Provide input to Lewis County Flood Control Zone District regarding proposed project and objectives		█	█					
Provide input on EIS public outreach		█	█					
Provide input to Ecology and USACE on EIS purpose and need and alternatives prior to scoping		█	█					
Provide input on potential additional alternatives pending the outcomes of scoping			█	█				
Provide input on approach and principles for developing fish and wildlife mitigation strategy			█	█				
Provide input on EIS preliminary findings (impacts and mitigation) for consideration						█	█	
Provide comments on the Draft EIS								█
Provide input on preferred alternative for evaluation in the Final EIS, and to support ESA and Section 106 consultations								█
<b>Restorative Flood Protection</b>								
Provide input on landowner outreach strategy	█	█						
Provide input on themes and issues learned from landowner outreach		█	█					
Provide input on identifying an expert to evaluate "stay-in-place" strategy for agricultural uses		█	█					
Provide input on conceptual level design for portion of South Fork Newaukum			█	█				
Provide input on upland landowner compensation/relocation strategy				█	█			
Provide input on refined conceptual design in Newaukum sub-basin					█	█		
Decide on whether to proceed to preliminary design in Newaukum sub-basin						█	█	
Provide input on draft findings of RFP analyses							█	█
Recommend potential changes to the RFP based on public comment							██	██

█ Task

██ Delayed task

	2017		2018				2019	
	Q1: Jul-Sep	Q2: Oct-Dec	Q3: Jan-Mar	Q4: Apr-Jun	Q5: Jul-Sep	Q6: Oct-Dec	Q7: Jan-Mar	Q8: Apr-Jun
<b>Floodplain Management/Floodproofing/Local Flood Projects/Land Use</b>								
Decide on draft floodproofing program objectives and work plan		█	█					
Decide on additional analyses for land use management		█	█					
Confirm scope of work for water use, water rights and water management evaluation			█	█				
Provide input on DNR work plan and study design to analyze forestry and hydrology concerns in the Chehalis Basin			█	█				
Decide on guidance to Flood Authority regarding process and principles for selection of local flood projects			█	█				
Decide on local flood damage reduction and floodproofing project lists developed by Flood Authority					█	█		
Approve recommended basin-wide floodproofing strategy							█	█
Recommend improvements for land use management							█	█
<b>Development of Long-Term Strategy</b>								
Provide input on elements of overall 2017-2019 work plan	█							
Define process for developing goals and objectives for reducing flood damage and restoring aquatic habitat		█	█					
Provide input on public engagement strategy		█	█					
Approve draft goals and objectives for reducing flood damage and restoring aquatic habitat		█	█					
Provide input on process to develop Comparative Economic Analysis, update to draft Economics Report, and social justice analysis			█	█				
Decide on principles for 'sequencing' implementation of habitat projects and flood damage reduction projects			█	█				
Decide on preliminary draft objectives, schedule and quantifiable measures for floodproofing and other work plan elements (excluding ASRP, RFP, and dam/airport levee improvements)				█	█			
Decide on guidance for development and findings of draft long-term strategy assessment report					█	█		
Participate in public outreach, engagement, and public meetings for draft long-term strategy assessment							█	█
Brief legislature on budget and next steps for implementing Chehalis Strategy							█	█
Approve comprehensive Chehalis Basin Strategy including an implementation schedule and quantified measures for evaluating the success of implementation								█

# What's Coming Up?

- Finalize ASRP - Aquatic Species Recovery Plan
- Permitting Process for Dam
  - NEPA – SEPA
- Aberdeen-Hoquiam North Shore Levee
- Newaukum evaluation
- Local Projects
- Land Use – local decisions
- Final Decisions - 2019-2020

An aerial photograph showing a winding river through a lush green landscape. In the upper left, a multi-lane highway with several vehicles is visible. The river flows from the top right towards the bottom left, curving through various green fields and some bare trees. The sky is clear and bright.

**Thank You**

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