

Welcome!

1

Capital Budget Writers Basin Tour September 17, 2018

Hosted by

**THE OFFICE OF
CHEHALIS BASIN**



DEPARTMENT OF
ECOLOGY
State of Washington

The Chehalis River Basin



A Fertile & Bucolic Region ...



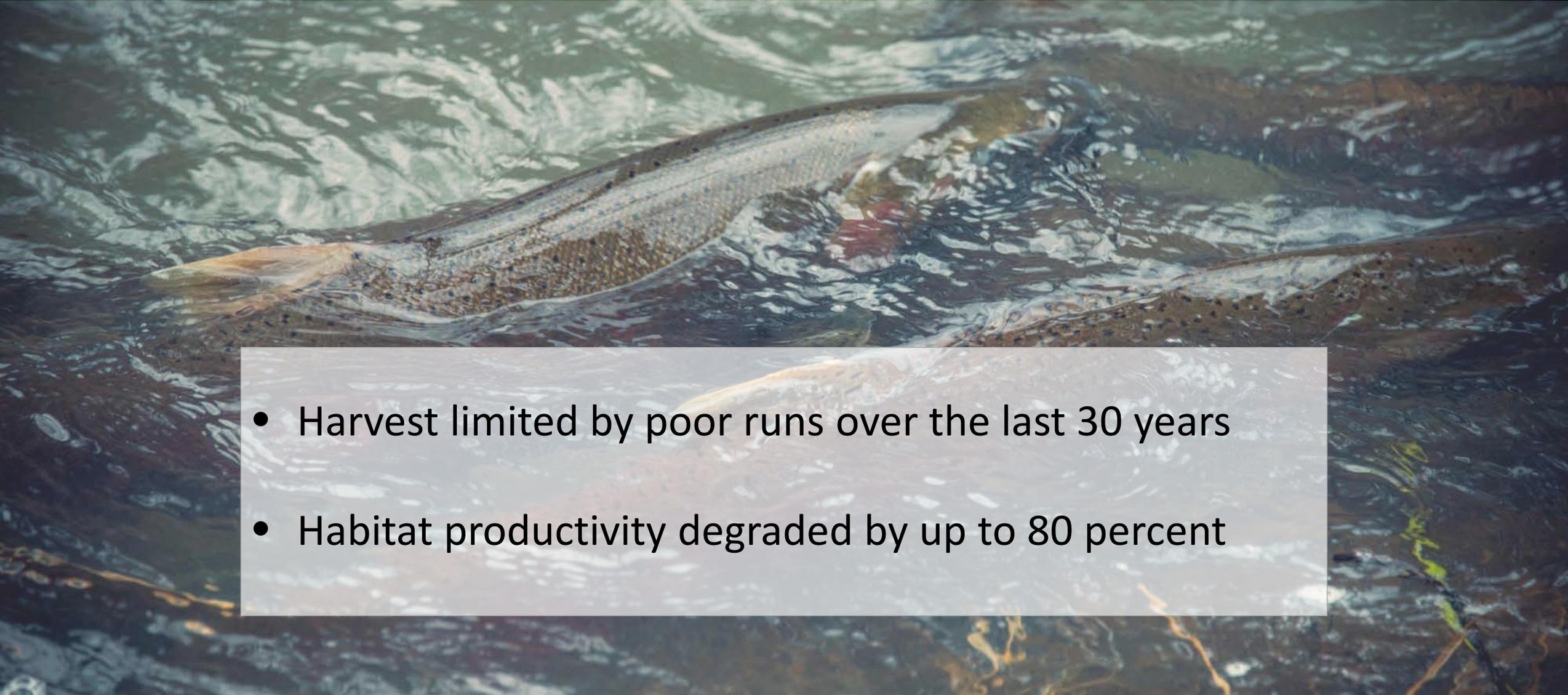
... With Extreme Flooding



An Abundant River Basin...

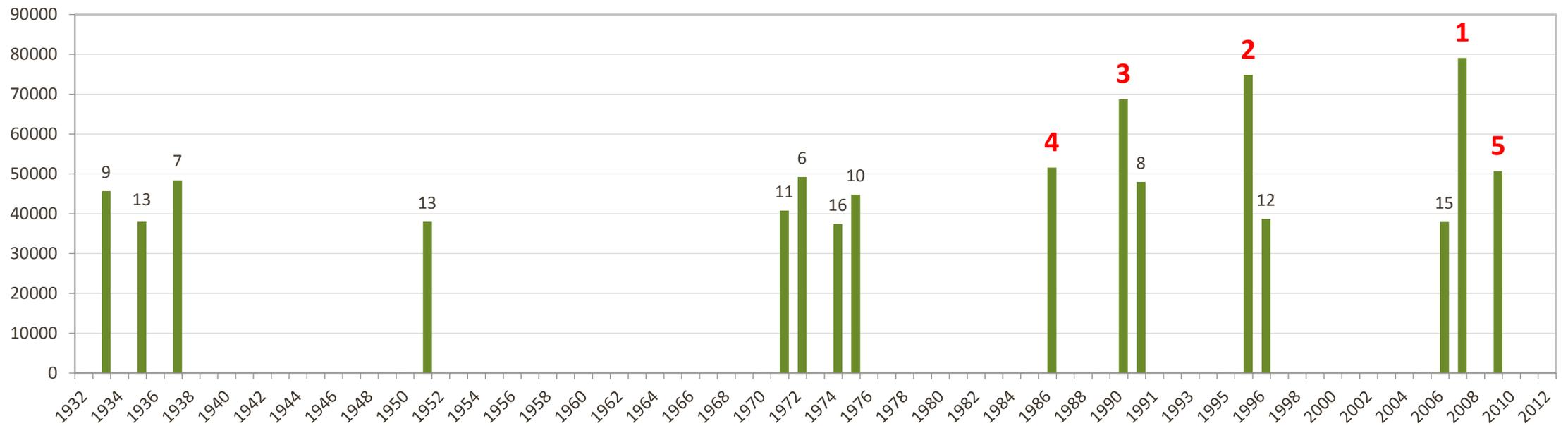


...With Struggling Aquatic Species

- 
- Harvest limited by poor runs over the last 30 years
 - Habitat productivity degraded by up to 80 percent

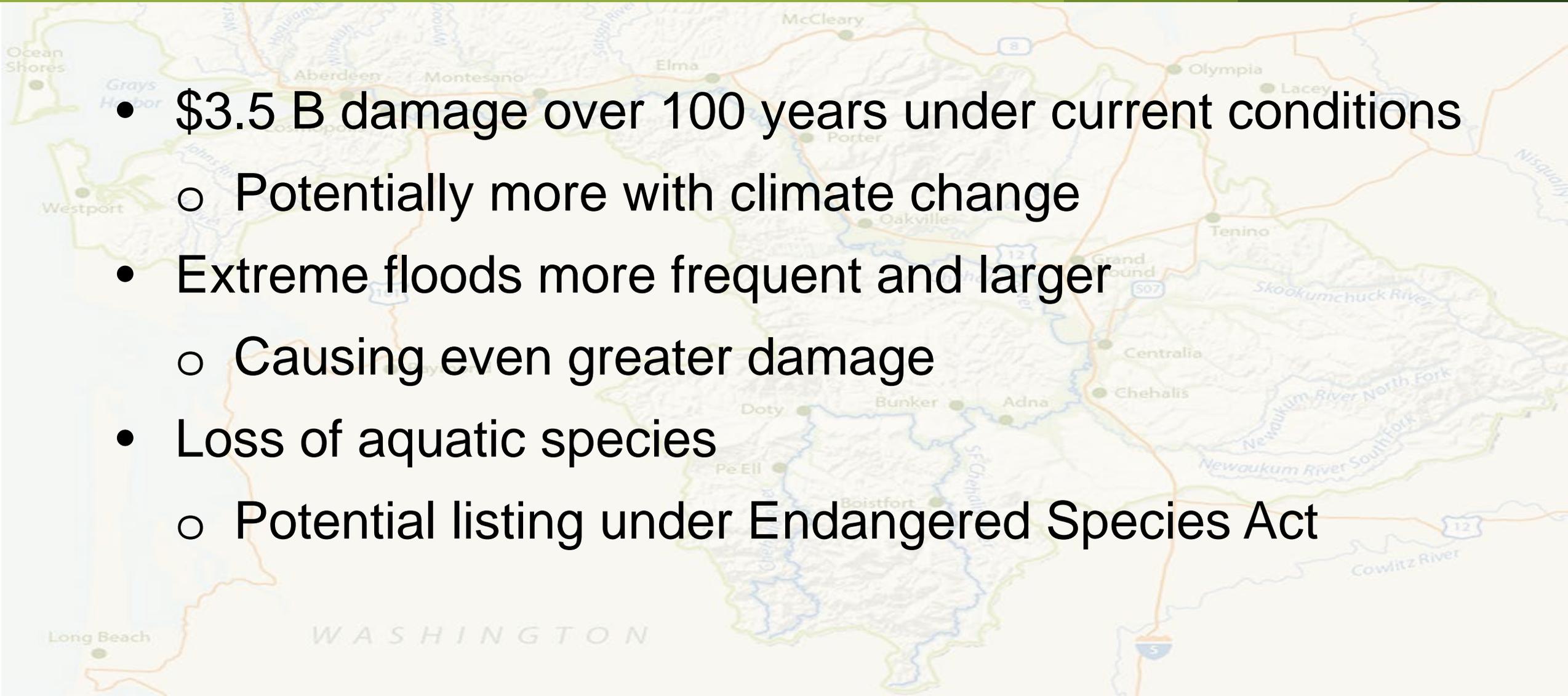
Floods Are Getting Worse

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



No Action Consequences

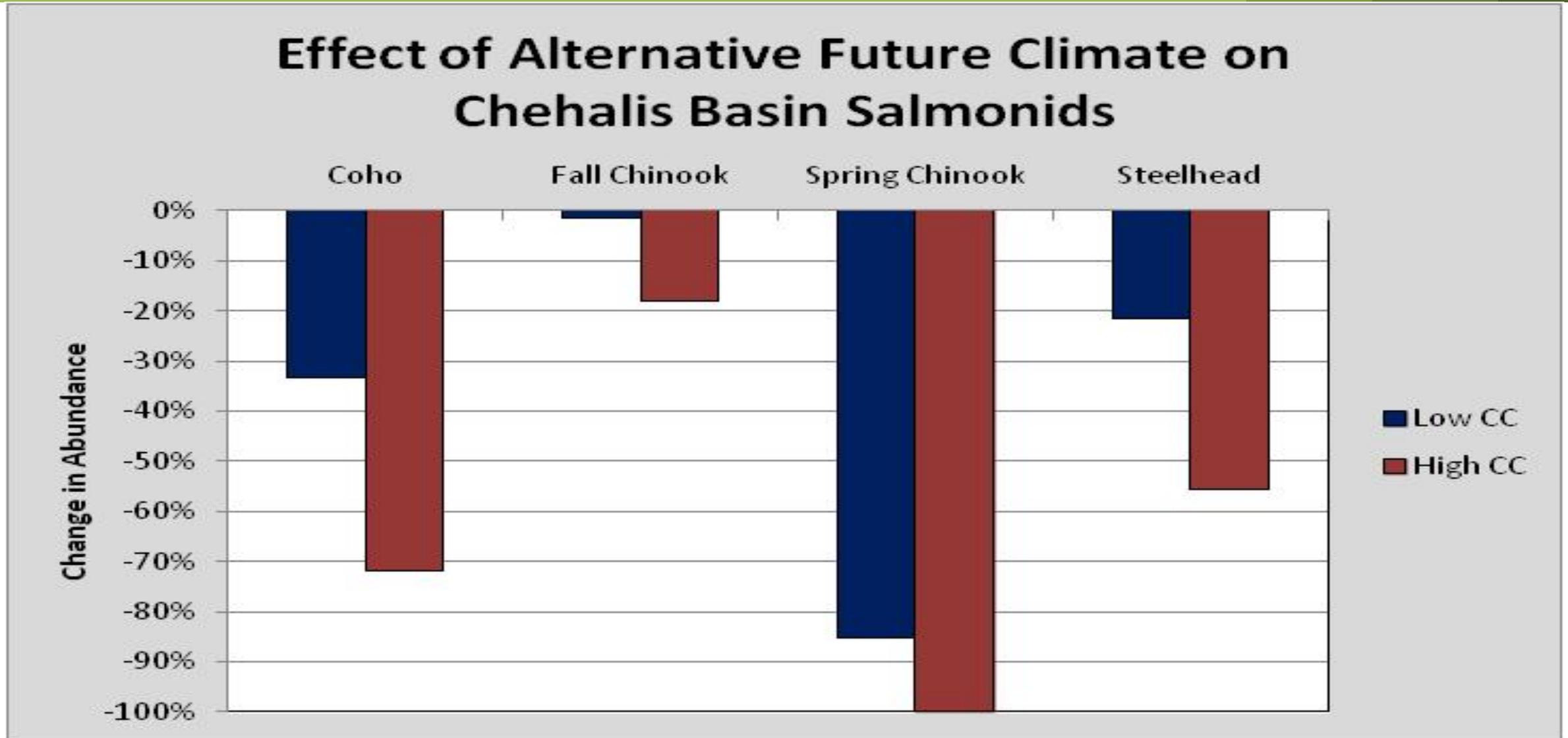
- \$3.5 B damage over 100 years under current conditions
 - Potentially more with climate change
- Extreme floods more frequent and larger
 - Causing even greater damage
- Loss of aquatic species
 - Potential listing under Endangered Species Act



Grays Harbor Flood Forecast Gap



Climate Change Accelerating Species Decline



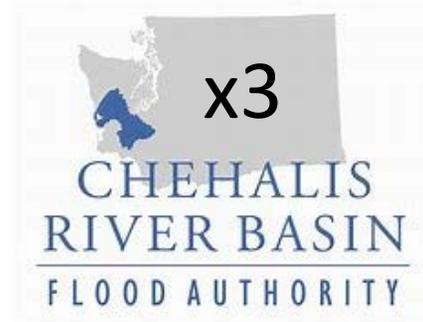
OCB MISSION



To aggressively pursue an integrated strategy & funding for:

- long-term flood damage reduction
- aquatic species restoration

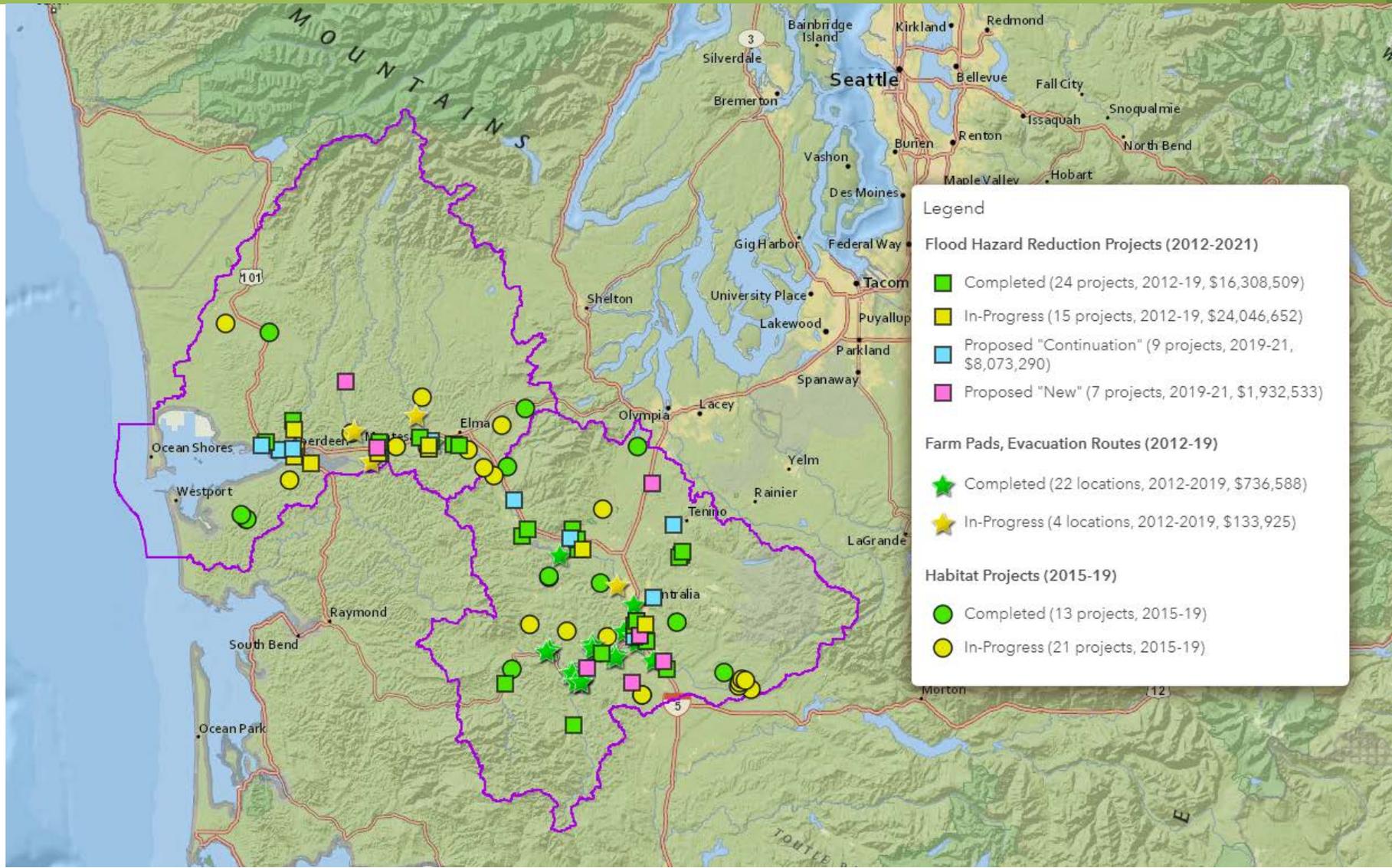
CHEHALIS BASIN BOARD



STATE OF WASHINGTON
OFFICE OF THE GOVERNOR



Accomplishments So Far



Our Mission in Action



Our Mission in Action



Our Mission in Action



Accomplishments So Far



34 Fish Barrier Removal Projects



26 Farm Pads



55 Local Flood Damage Reduction Projects

Accomplishments So Far, cont.



**Chehalis River Basin
Flood Warning System**

www.chehalisriverflood.com

A large green circular icon with a white outline depicting a cloud raining over a house and a river. The entire content is enclosed in a black rectangular border.

On-the-ground work to be accomplished this biennium:



17 new projects to
open 32.5 more miles



Design of 5 mile+ long reaches
for construction in 2020

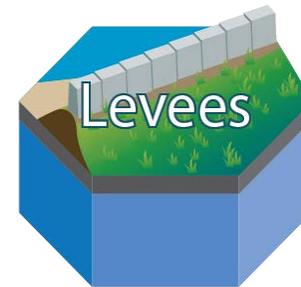


Construction of
current list + ranking
of 17 new projects



Construction of up to
5 more priority pads

Long-Term Strategy Activities this biennium:



Final Design
North Shore Levee



Newaukum sub-basin
feasibility

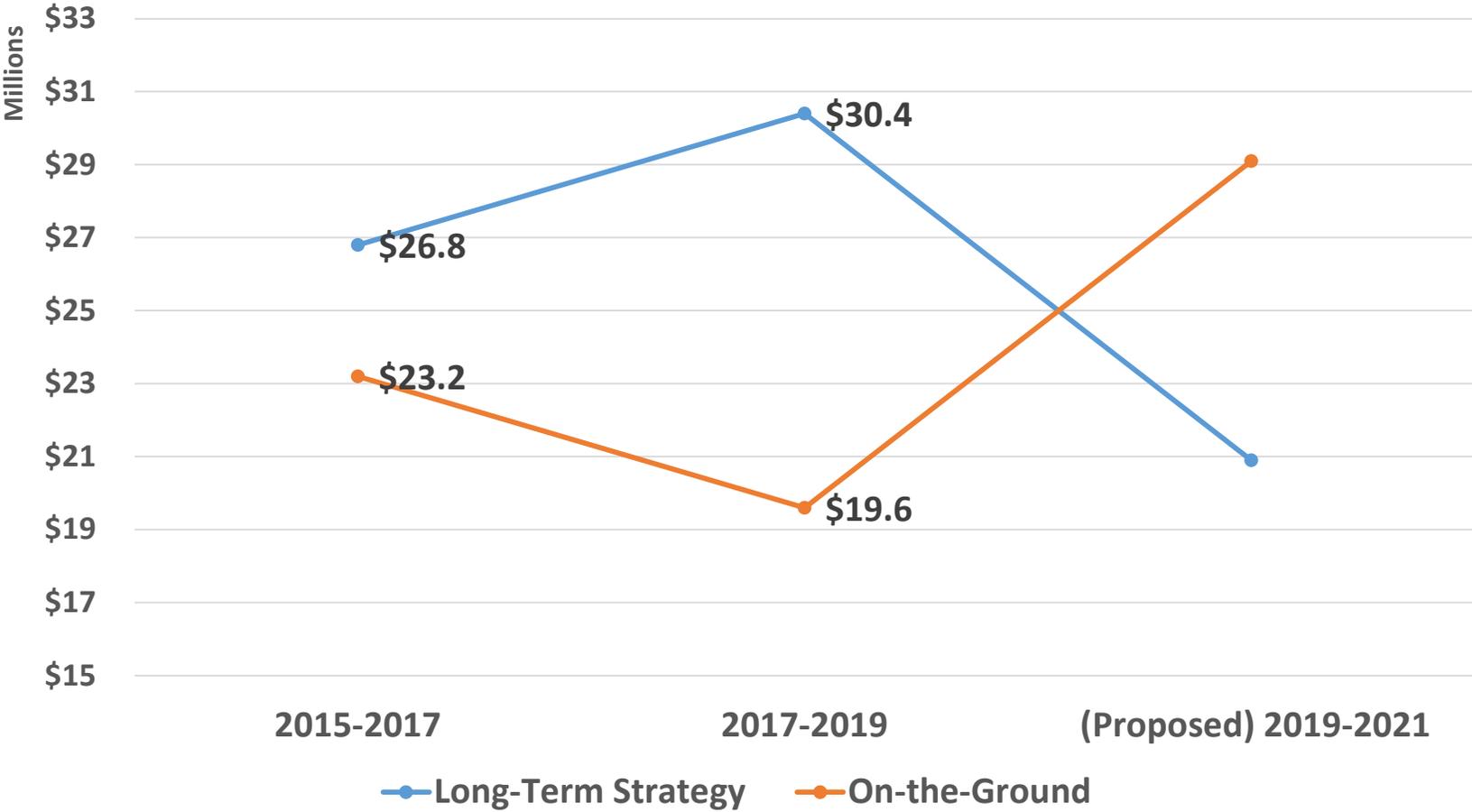


Draft basin-wide
flood proofing strategy

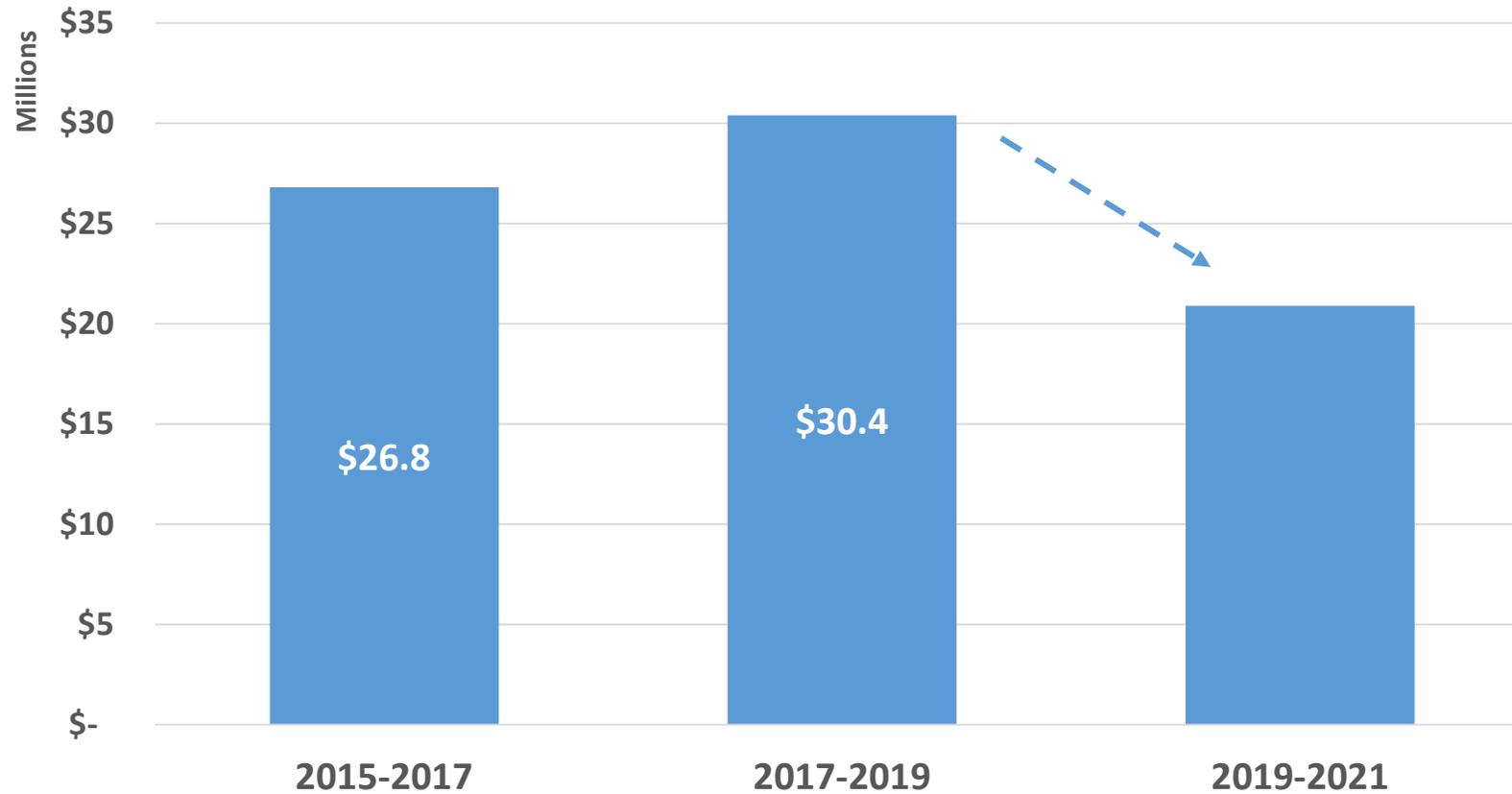


SEPA/NEPA EIS scoping
& technical studies

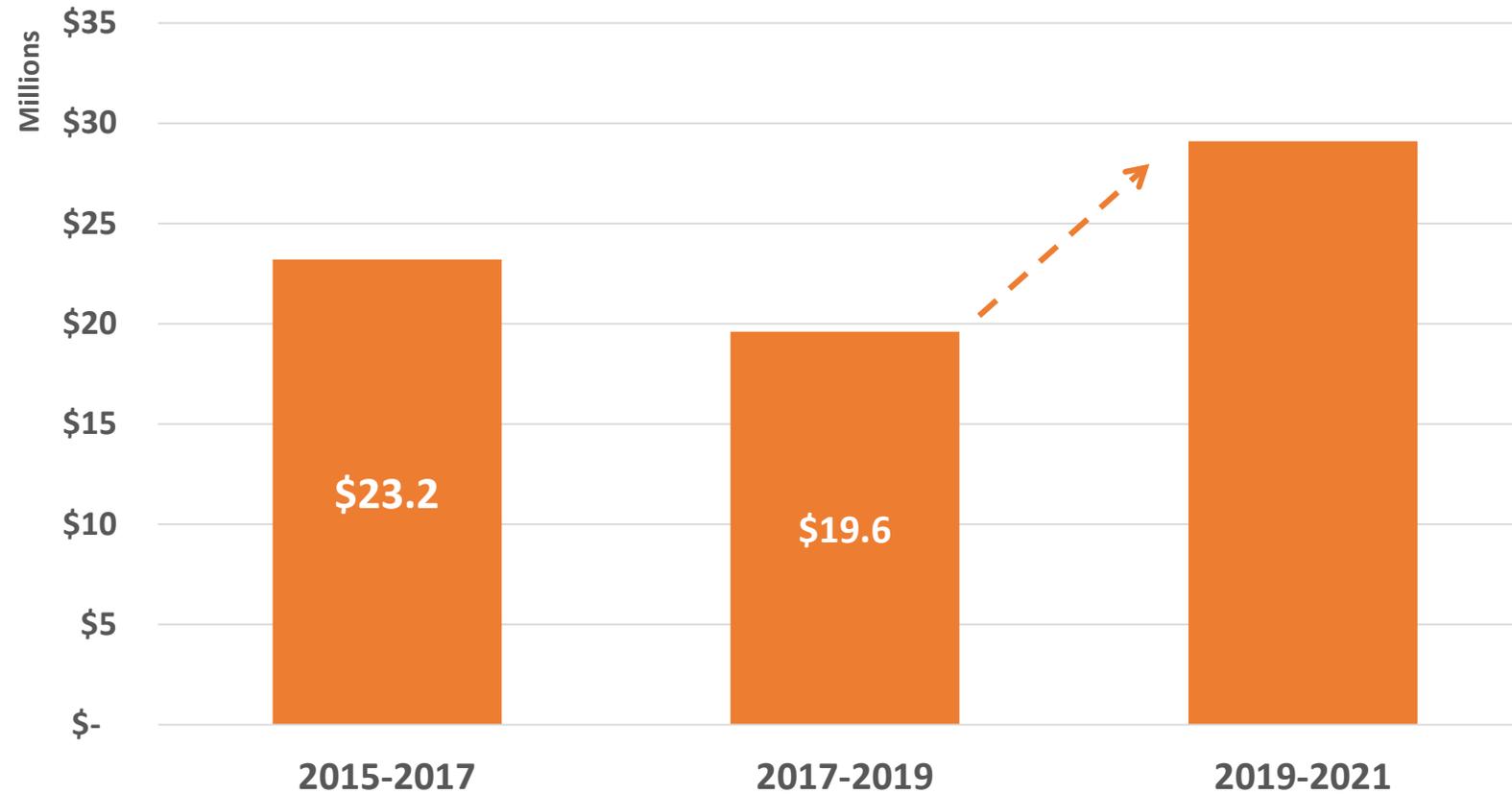
Efforts At a Turning Point



Long-Term Strategy Development



On-the-Ground Actions



Aggressive Pursuit of Ambitious Goals Continues...



The Chehalis River Basin

Aberdeen/Hoquiam
North Shore Levee

Today's Tour Area

Proposed Water
Retention Facility

