Chehalis River Basin Flood Authority

Reducing Flood Damage <u>and</u>
Restoring Aquatic Species

3:00 p.m. (Lewis County) September 24, 2020

Today's Presentation . . .

- Provide update, encourage discussion.
- Key messages . . .
 - **1. Broad agreement --** For first time in a century there is progress across the Basin on <u>next steps to</u> reduce flood damage and enhance aquatic species.



- **2.** Basin-wide strategy -- An action-oriented, multi-phased Basin-wide strategy is key to protecting communities along the river and to enhancing aquatic species.
- **3.** *Collaboration is key --* WA Legislature, Governor's Office, Chehalis Basin Tribes, Office of Chehalis Basin, Chehalis Basin Board, Chehalis River Basin Flood Authority, and many Federal, State and Local Agencies all working together = <u>Action!</u>
- 4. Fundamental principle -- Solving one's problems doesn't increase another's.



Action . . .





"Chehalis River Basin Flood Authority"

Formed in 2008

- Formal body focused on: (1) flood hazard mitigation throughout the Basin; and (2) decision-making that is . . .
 - informed by science.
 - protective of Basin residents/communities.
 - environmentally appropriate.



Basin jurisdictions represented

- Grays Harbor County
 - City of Aberdeen
 - City of Cosmopolis
 - City of Hoquiam
 - City of Montesano
 - City of Oakville

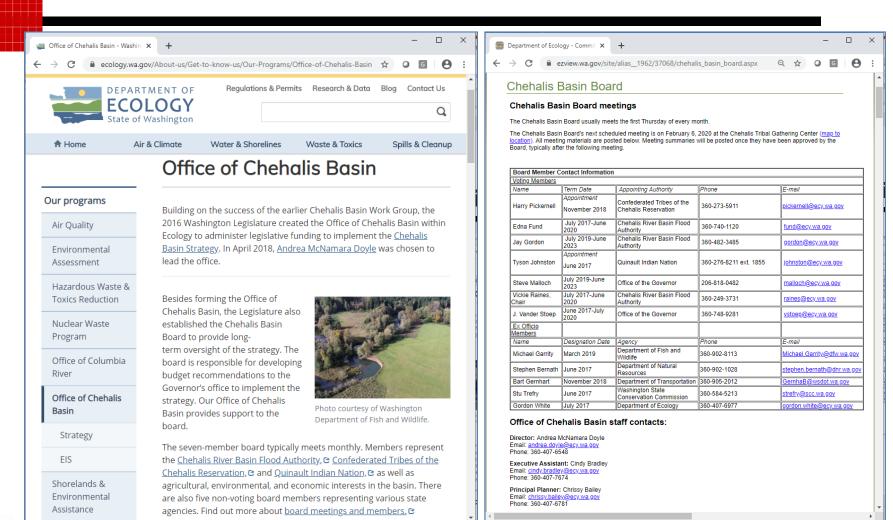
- Lewis County
 - City of Centralia
 - City of Chehalis
 - City of Napavine
 - Town of Pe Ell

September 2020

- Thurston County
 - Town of Bucoda



"Office of Chehalis Basin"





2007 Storm -- \$938M Basin-wide damage, \$300M lost economic activity (WA).



Exit 77 (I-5) in Chehalis STEVE RINGMAN / SEATTLE TIMES

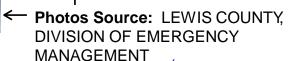


City of Centralia
STEVE RINGMAN / SEATTLE TIMES











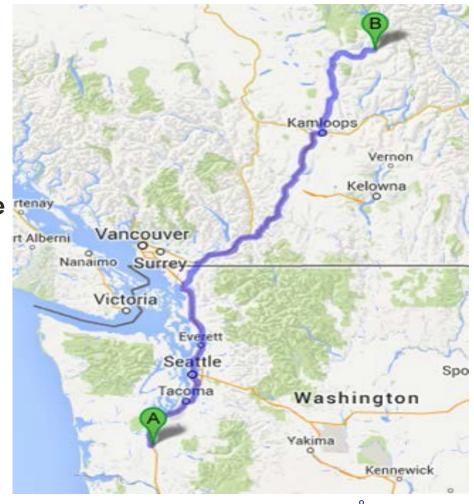
■ 2007 Flood -- I-5 and Hwy 507 Interchange looking South.



City of Centralia and I-5 STEVE RINGMAN / SEATTLE TIMES

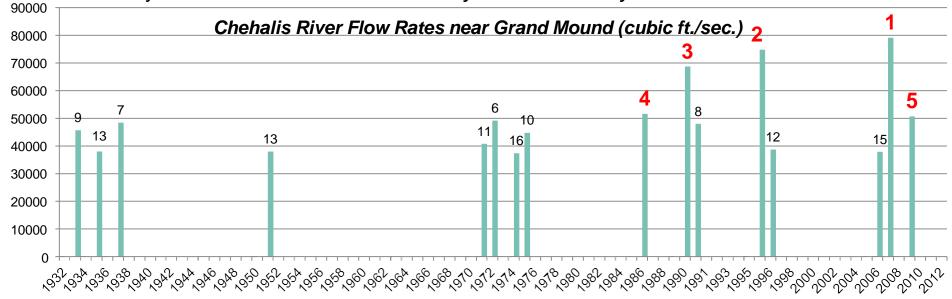


- 289,983 acre feet of measured water (12/03-08/2007).
- **Equivalent to covering roadway** between Chehalis and North of Kamloops with 1 foot of water 1-mile wide or covering . . .
 - 80% of Kitsap County.
 - 69% of Clark County.
 - 59% of Thurston County.





- Ranked high flow events (1932 2012) . . .
 - □ I-5 closed 1990, 1996, 2007, 2009.
 - □ Five largest events since 1986 -- Frequent floods are getting worse and damage is increasing . . .
 - □ 100 year flood estimate -- *Increased by 33% in last 30 years.*





- Chehalis is the second largest river basin in the state, rich in natural resources . . .
- Salmon populations are substantially below historic levels.
- Chehalis River and tributaries face significant water quality issues.



Upper Chehalis (5/31/2010)

JAMES E. WILCOX / WILD GAME FISH

CONSERVATION INTERNATIONAL



ของความการของความการของความการของความการของความการของความการของความการของความการของความการของความการของความการข



Salmon-habitat potential

Species	Current Spawner	Habitat Degradation
Spring Chinook Salmon	2,300	78%
Fall Chinook Salmon	24,317	45%
Coho Salmon	42,000	69%
Winter-run Steelhead	8,700	44%

Source: Chehalis Basin Strategy: Reducing Flood Damage and Restoring Aquatic Species; Pe Ell Public Meeting; 10/14/2014; Page 13;

https://www.ezview.wa.gov/Portals/ 1492/images/Pe%20Ell%20Meeting%2010%2014%2014.pdf.



Solution = Basin-wide Approach

Action-oriented. Multi-phased Approach

- 1. Basin-Wide Relationships
- 2. Hydraulic Understanding
- 3. Master Strategy (Game Plan)
- 4. Large Capitol Projects
- 5. Small-Scale Local Projects
- 6. Local Floodplain Management
- 7. Restore Salmon and Aquatic Species
- 8. Early Flood Warning
- 9. Outreach, Education and Communication

Chehalis Basin Strategy: Reducing Flood Damage and Restoring Aquatic Species

century of catastrophic floods and hundreds of studies—broad agreement is building on a comprehensive strategy to reduce flood damage, restore salmon populations, and support the prosperity of communities in the Chehalis Basin.



The problems in the Chehalis Basin are real and action is being taken of to protect communities and restore aquatic species.



Decline. The natural resources of the Chericilis Basin have supported Native impricers for containes and continue to provide value to both the tribs, and non-tribs, people of the Bosin. The Chercilis Basin supports live species of sels. It is very possible than the current trajectory, counled with the potential

problems of occupations is flooding and significant degraph for of regardic values in the Chebella fasion. Over \$10 studies of societal ections to address flood demange have been constraint, with no real charge... and now. The Chebella little blasin Hood Authority has facilitated an uniter of construction projects to reduce flood demage and more are on the way.

Implementing a Comprehensive, integrated Approach for Fish and Floods, Mar "see also existed or of the patients' medic, securital feath "is, and one of name on Condening relative in the limit is even as 20 for Commands when the Wish General of the support of Commands is that approxime with Devins limit being into Anthron-count about of a condition of reconnected one for integrated package of food farrage exists as in Support process contracts. These name another is in the process of the participation of the process of the participation of the process of the participation of the participation of the process of the participation of the participation

- A concrete floor retention dam on the upper Chehallis River, pained with improvements to the Chema's Centralia
- National Attent Lovice.

 Restriction of ever 200 miles of Spring Chinools spaceming and rearing habitat, reviews of priority fair passage testines, reasonal or of office areast less fill or equal-capacity, and a committee make attempt to add this space, and a committee make attempt to add this space is investment in high-polarity, conditionable fluent along relication projects, with a complete shall be unified before the condition projects of the complete shall be unified before the conditionable of the condition projects of the con

economic reparts assessated with the recommended package of flood damage reduction and accustic species restoration actions as well as a "no action" alternative for the Secin.

There will be several apportunities for public organizant on the programmatic DS:





1. Basin-Wide Relationships







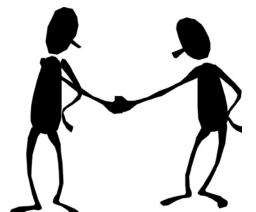
























City of Montesano Home of the Tree Farm www.montesano.us













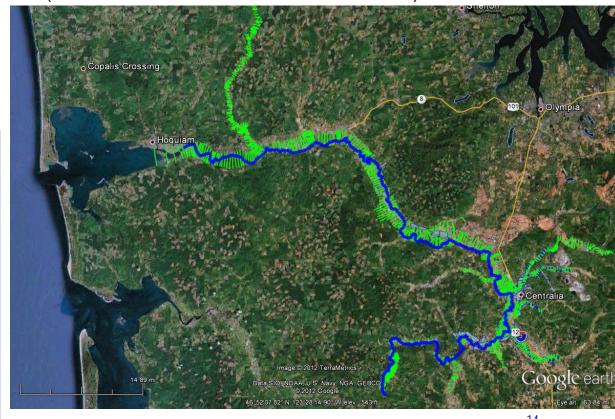




2. Hydraulic Understanding

- Science-based model -- To inform decision-makers on hydraulic effects of potential flood relief options (at basin-wide and localized scales).
- **108 miles --** Mouth of Chehalis River upstream to Pe Ell (108 miles).







2. Hydraulic Understanding

■ Example: Basin-wide effects
analysis (Source:
Chehalis Basin
Strategy: Reducing
Flood Damage and
Restoring Aquatic
Species; Pe Ell Public
Meeting; 10/14/2014;
Page 51;

https://www.ezview.wa.g ov/Portals/ 1492/images /Pe%20Ell%20Meeting%2 010%2014%2014.pdf.)

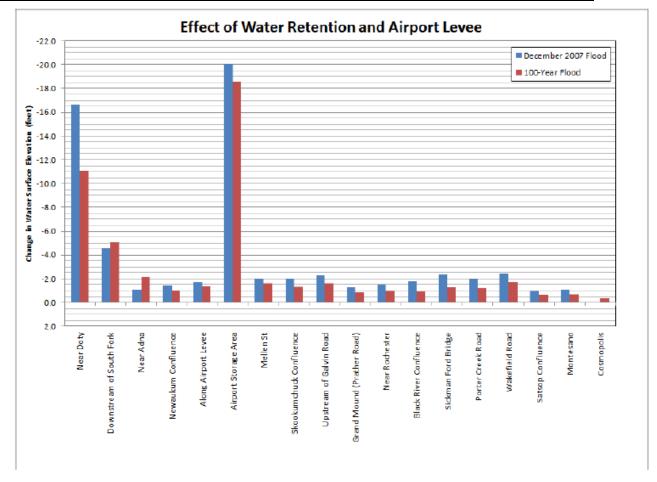


Figure 2: Predicted Changes in Water Surface Elevations from Water Retention and Airport Levee



3. Master Strategy (Game Plan)

THE CHEHALIS BASIN STRATEGY

Reducing Flood Damage and Enhancing Aquatic Species

For our years, nice has come none notice to decide in the Chehalis Basin. Now, for the first time, there is a broadly-supported, Basin-wide process that is implementing long-sought local projects and leading to a comprehensive strategy to address flooding, while at the same time enhancing aquatic species across the Chehalis Basin.



The 2013 legislature funded a \$28 million program of



Flood Authority → Governor's Workgroup → Office of Chehalis Basin.





Key Elements:

- 1. Evaluation, implementation of Large Capital Projects:
 - Flood Retention Dam on upper Chehalis River.
 - Airport Levee Improvements.
 - North Shore Levee in Aberdeen, Hoquiam.
- 2. Basin-wide <u>Aquatic Species Restoration</u> (100+ miles spawning/rearing habitat).
- 3. Local Flood-Damage Reduction Projects.
- Local <u>Flood-Proofing</u>, including raising homes, CRS actions, local ordinance improvements, etc.
- 5. Costs/Benefits: Cost = \$500-600M; Benefit = \$720M (100 yrs.); No Action = \$3.5B (100 yrs.).







4. Large Capitol Projects

2013-15:

- □ Technical team developed baseline knowledge on safety, feasibility of Flood Retention

 Dam alternatives -- field visits, site and design considerations, world-wide research, etc.
 - Permanent reservoir (w/ fish passage) or Run-of-the-river (no permanent reservoir).
 - Roller compact concrete or Earthen fill.
 - Flood-control only or Multi-purpose.
- WSDOT evaluated <u>I-5 Protection</u> alternatives -- levees, walls, raise road, etc.

2015-17:

□ Formal environmental review (Programmatic EIS) was conducted to evaluate alternatives.

2017-19:

□ CBFCZD Project-level EIS starts.

2019-21:

CBFCZD Project-level EIS continues.







5. Local Projects (Basin-wide)

Construction, Incomplete

Plan/Study/Tool, Complete

Plan/Study/Tool, Incomplete

2012 Sup Capital Budget:

• \$5.0M

2013-15 Capital Budget:

• \$10.7M

2015-17 Capital Budget:

• \$15.7M

2017-19 Capital Budget:

• \$9.6M

2019-21 Capital Budget:

- \$6.3M
- 26 complete
- 10 underway
- \$46.7M State (2012-21)
- \$10.8M Local (2012-21)



Local Projects (2012-21)

www.ezview.wa.gov/chehalisfloodauthority

Contact: Scott Boettcher; Staff, Chehalis River Basin Flood Authority; 360/480-6600; scottb@sbgh-partners.com

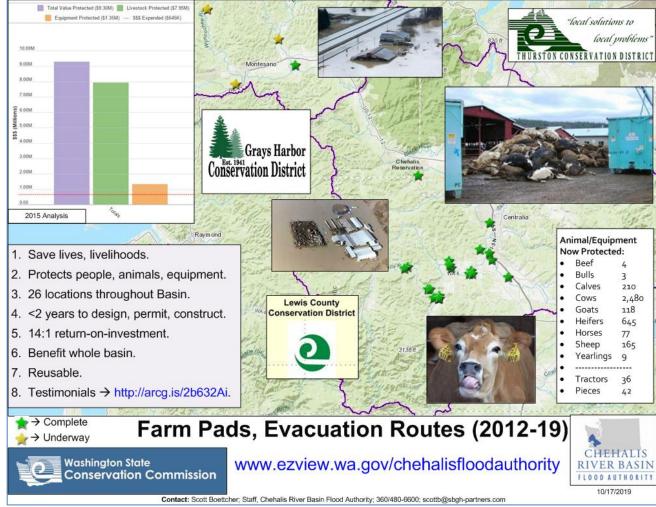
RIVER BASIN

10/17/2019

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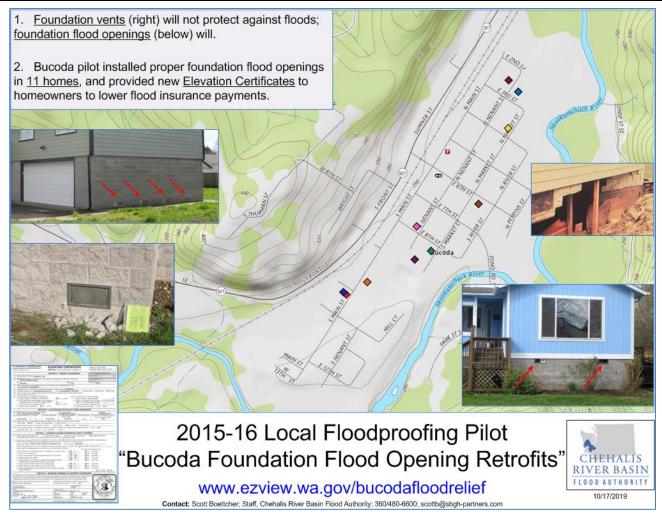


5. Local Projects (Farm Pads)



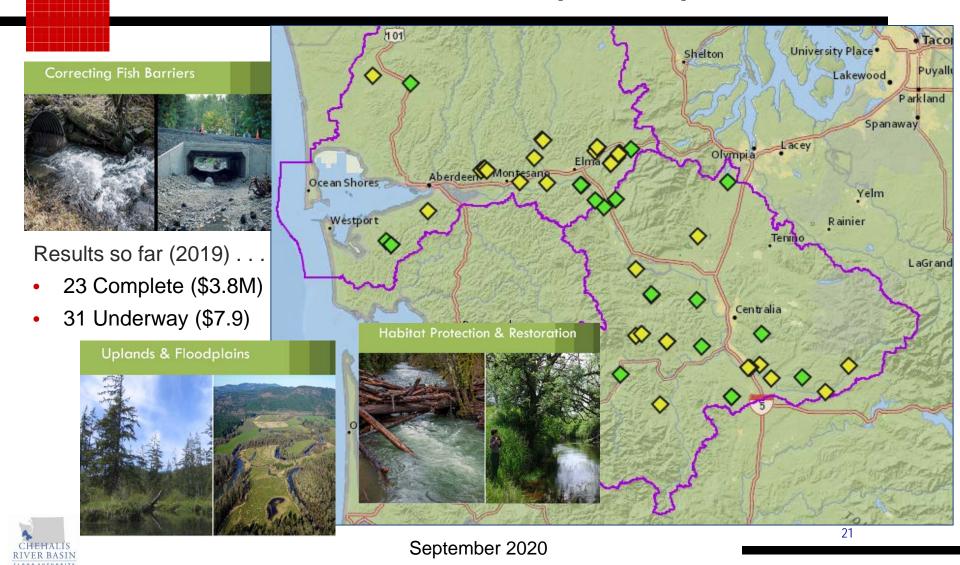


6. Land Use, Floodplain Management (Floodproofing Pilot)





7. Restore Salmon and Aquatic Species



7. Restore Salmon and Aquatic Species

Other Fish and Aquatic Species













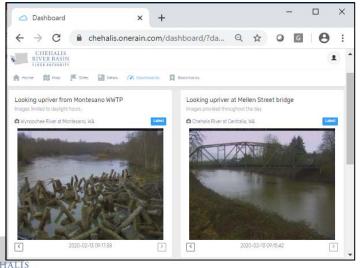


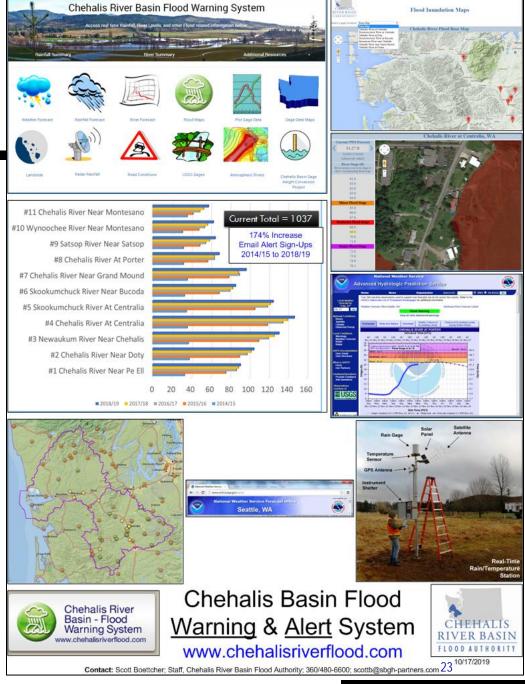


September 2020

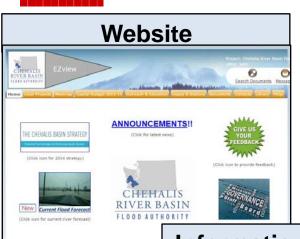
8. Early Flood Warning

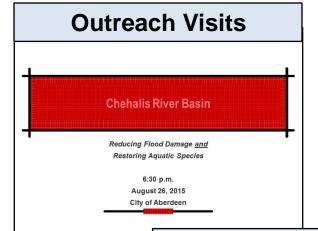
- www.chehalisriverflood.com
- Front-facing website.
- Data collection, data synchronization.
- Improved forecasting, earlywarning.

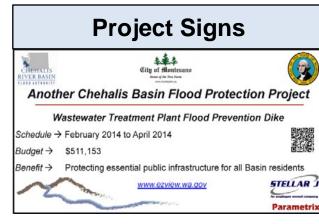




9. Outreach, Education and Communication

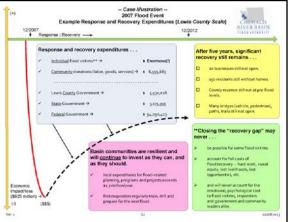












Chehalis Basin Flood Stories

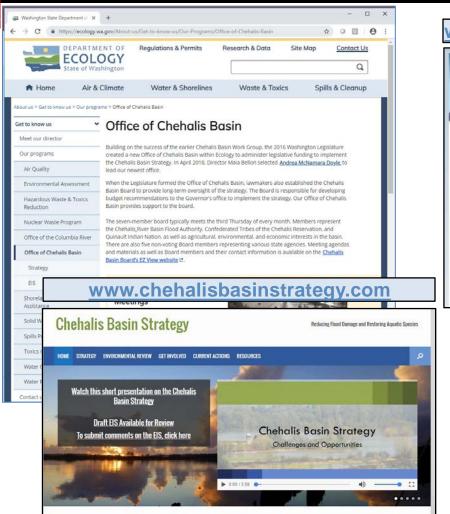


- Farm Pads & Evacuation Routes
- Flood Warning System
- Local Capital Construction Projects





9. Outreach, Education and Communication



WWW.ezview.wa.gov/chehalisfloodauthority Project: Chehalis River Basin For UPI 3: 3492 EZVIEW FILOD D A DITROIT FOR CONTROL CONTROL







Chehalis River near Doty USGS





Clearing Mud in Curtis, WA STEVE RINGMAN / SEATTLE TIMES





Curtis, WA, Aftermath of 7 Feet of Water STEVE RINGMAN / SEATTLE TIMES





Chandler Road Bridge near Doty, WA STEVE RINGMAN / SEATTLE TIMES







30





September 2020

I-5 Under Water BRUCE ELY / OREGONIAN





Chehalis, WA STEVE RINGMAN / SEATTLE TIMES







Jackson Street, Centralia, WA STEVE RINGMAN / SEATTLE TIMES





I-5 Under Water BRUCE ELY / OREGONIAN





Photos Source: WSDOT



September 2020









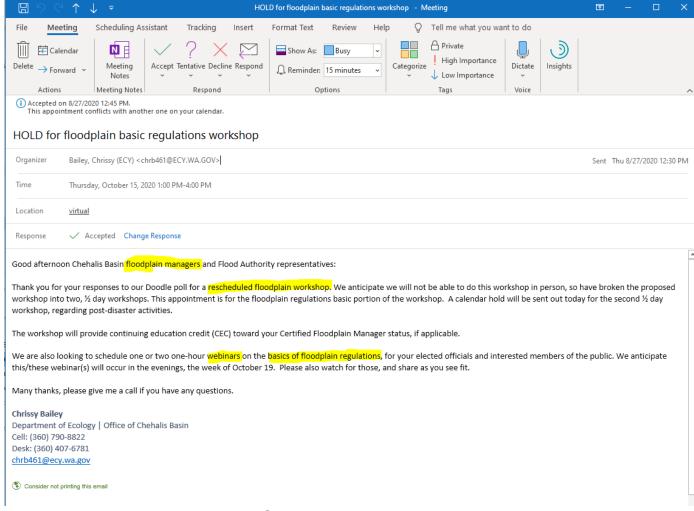




Wakefield Road, Elma, WA GREG GILBERT / SEATTLE TIMES



What's Next - Floodplain Regulations





What's Next - Draft EIS (SEPA)

JAY INSLEE Governor



July 22, 2020

Dear Members of the Chehalis Basin Board

I value the important work that you do to advance consensus-based, win-win solutions for flooding and fish in the Chehalis Basin. The complex challenges facing our communities require science, collaboration, and innovative thinking to forge lasting solutions.

Recent work evaluating a proposed large-scale flood retention project in the upper Chehalis River has brought additional and significant questions and concerns about impacts and alternatives. In light of these concerns, I am requesting that the board work together to:

- Define a process and timeline for developing and evaluating a basin-wide non-dam alternative to reducing flood damage.
- Continue evaluating the issues raised regarding the retention project and other flood risk reduction
 projects and the potential to avoid, minimize, and mitigate the identified impacts.
- Deliver a consensus recommendation on the process back to me no later than the end of September 2020 that will lead to a long-term strategy for consideration by me and the legislature in the first quarter of 2021.

Since the Board's recommendations will have implications for the State Environmental Policy Act (SEPA) process currently under way. I have requested that Ecology pause the Environmental Impact Statement (EIS) process through at least the end of the year. I am also directing Ecology to use available funding within the Office of Chehalis Basin budget to assist the Board in its development of a non-dam alternative.

Climate change poses a significant risk to aquatic species and increased flood damage in the basin, and I believe that we will need the best scientific evaluation of options to preserve and restore salmon runs and protect the basin's human communities. Time is of the essence as climate change is already impacting the basin.

I look forward to hearing back from you soon. If you have questions, please contact my Senior Policy Advisor, Jennifer Hennessey at <u>Jennifer.hennessey@gov.wa.gov</u>. Thank you again for your dedication and hard work.

Very truly yours.

Jay Inslee Governor

CC: Laura Watson, Director, Department of Ecology

P.O. Box 40002 • Olympia, Washington 98504-0002 • (360) 902-4111 • www.governor.wa.gov

JAY INSLEE Governor



July 22, 2020

The Honorable Laura Watson Director Department of Ecology PO Box 47600 Olympia, WA 98504-7600 The Honorable Kelly Susewind Director Department of Fish and Wildlife PO Box 43200 Olympia, WA 98504-3200

Dear Director Watson and Director Susewind:

Your agencies play an important role in evaluating impacts and advancing win-win solutions for flooding and fish in the Chehalis Basin. The complex challenges facing our communities require science, collaboration, and innovative thinking to forge lasting solutions. I appreciate the expertise and experience your staff bring to these challenges.

Recent work evaluating a proposed large-scale flood retention project in the upper Chehalis River has brought additional and significant questions and concerns about impacts and alternatives. I have requested that the Chehalis Basin Board provide recommendations on the process for addressing some of these concerns, particularly the development of a basin-wide, non-dam alternative to flood damage reduction and evaluating the potential to avoid, minimize, and mitigate the impacts of the flood retention and other flood risk reduction projects.

Furthermore, I am directing that Ecology pause the Environmental Impact Statement (EIS) process through the end of the year and to use funding available within the Office of Chehalis Basin budget to assist the Board in the development of a non-dam alternative.

Tribes have further expressed a desire for greater engagement by the State in these processes. In light of these concerns, I am also requesting that you work together to:

- Invite government-to-government consultations with Tribes, including an initial
 consultation with interested Tribes individually with both of your agencies.
- Create a more structured process for Tribal staff and their consultants to engage, when they so choose, on technical aspects of agency analyses and related work.

P.O. Box 40002 • Olympia, Washington 98504-0002 • (360) 902-4111 • www.governor.wa.gov



What's Next - Draft EIS (NEPA)



Public Notice

US Army Corps Seattle District

of Application for a Department of the Army Permit, and Draft Environmental Impact Statement Availability

US Army Corps of Engineers Regulatory Branch Post Office Box 3755 Seattle, WA 98124-3755 Telephone: (206) 316-3164 ATTN: Brandon Clinton. Project Manager

Public Notice Date: September 18, 2020 Expiration Date: November 17, 2020

Reference No.: NWS-2014-1118 Name: Chehalis River Basin Flood Damage Reduction Project

Interested parties are hereby notified that an application has been received for a Department of the Army permit in accordance with Section 404 of the Clean Water Act (CWA) to perform work in waters of the U.S. as described below and as shown on the enclosed drawings dated July 29, 2020. The work is part of the Chehalis River Basin Flood Damage Reduction Project.

Interested parties are also notified that the Seattle District, US Army Corp of Engineers (Corps) has prepared a Draft Environmental Impact Statement (EIS) for the Chehalis River Basin Flood Damage Reduction Project. The Draft EIS and supporting documents can be accessed at https://chehalisbasinstrategy.com/eis/nepa-process/

APPLICANT: Chehalis River Basin Flood Control Zone District

Attention: Erik Martin 351 Northwest North Street Chehalis, Washington 98532 Telephone: (360) 740-2697

Lewis County Public Works Attention: Betsv Dillin 2025 Northeast Kresky Avenue Chehalis, Washington 98532 Telephone: (360) 740-1138

LOCATION: The proposed project includes structures and work in two separate locations. The proposed flood retention facility and associated infrastructure would be located in and along the mainstem Chehalis River south of Pe Ell, in Lewis County. The levee work would occur at the Chehalis-Centralia Airport in Chehalis, Lewis County.

WORK: The Chehalis River Basin Flood Control Zone District (Applicant) is proposing to construct a new flood retention expandable structure (FRE) and temporary reservoir on the Chehalis River, and to raise an existing levee at the Chehalis-Centralia Airport.

Construction of the FRE would result in permanent fill placement in up to 1.23 acres of wetlands, 1.91 acres of the Chehalis River, and 0.74 of an acre of unnamed intermittent streams. Construction of the temporary reservoir would NWS-2014-1118; Chehalis River Basin Flood Damage Reduction Project

endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments will be used in the preparation of a Final Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

COMMENT AND REVIEW PERIOD: Comments on this public notice and Draft EIS will be made part of the record and will be considered by the Corps in determining whether authorizing the proposed work would be contrary to the public interest.

Comments may be submitted in the following ways:

- . In person during two virtual public meetings. Meeting dates and times are listed below, and will be held using the WebEx video conference software. WebEx meetings can be joined by following the meeting links or calling the associated phone number on the NEPA EIS webpage (https://chehalisbasinstrategy.com/eis/nepaprocess/) at the identified time.
 - October 8 from 6:00pm to 8:00pm
 - October 14 from 4:00pm to 6:00pm
- · Filling out an online comment form at the NEPA EIS webpage above
- · Emailing comments to Chehalis@usace.army.mil
- Leaving a voicemail message at: (206) 709-6928
- · By conventional mail to:

Chehalis River Basin Flood Damage Reduction Project c/o Anchor OEA 6720 South Macadam Street, Suite 125 Portland, Oregon 97219

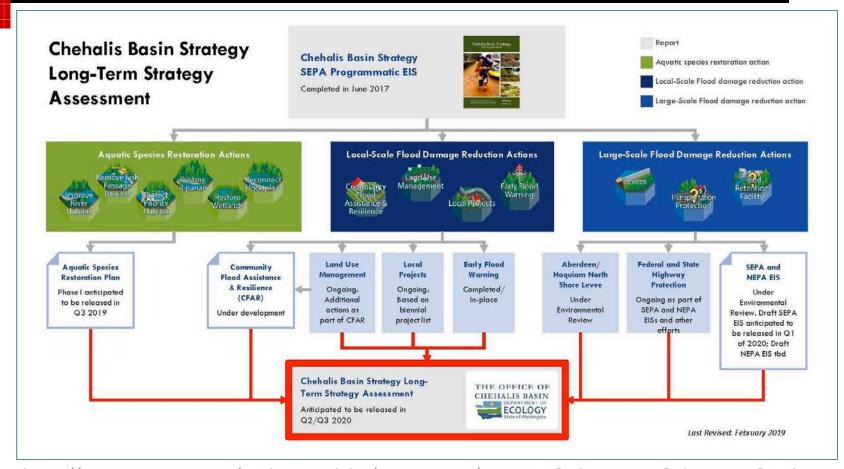
Comments must include the permit applicant's name and reference number, as shown below. All comments received will become part of the administrative record and are subject to public release under the Freedom of Information Act including any personally identifiable information such as names, phone numbers, and addresses. All comments must be received no later than the expiration date of this public notice to ensure consideration. Please include the following name and reference number:

Chehalis River Basin Flood Control Zone District (NWS-2014-1118)

Encl: Figures (22)



What's Next – Long-Term Strategy





https://www.ezview.wa.gov/DesktopModules/Documents2/View.aspx?tabID=37068&alias=1962&mid=70197&ItemID=8343

What's Next – 2021-23 Local Projects Solicitation

C. Further Information Verification/Clarification Needs (by mid-October)

<u>Initial</u> Rank	Sponsor	Project	Initial Cost	Revised Cost	Further Information
1	Grays Harbor County	Lower Satsop Restoration & Protection Program – Phase II (Habitat Connectivity and Reach-Scale Aquatic, Riparian and Floodplain Restoration)	\$1,416,829	\$1,561,405	Verify means/method for ensuring post-construction monitoring (e.g., invasives, plantings, geomorphic changes).
2	Aberdeen	Fry Creek Restoration & Flood Reduction Phase Illa: Sumner and Simpson Avenues Pre- Design Planning & Alternatives Analysis	\$145,000		Verify cost/budget.
3	Cosmopolis	Mill Creek Multi -Objective Implementation Plan: Channel and Culvert Improvements for Flood Reduction and Fish Passage/Habitat Restoration	\$184,234	\$145,000	Coordinate with WDFW regarding Chehalis Fish Passage Barrier Prioritization. Coordinate with Aberdeen regarding Farragut Pump Station.
4	Hoquiam	Hoquiam 10th Street Pump Station	\$2,500,000		Verify cost/budget.
5	Aberdeen	Farragut Street Pump Station Rebuild	\$2,600,000		Verify stand-alone benefit.
6	Hoquiam	Hoquiam Queen Ave Pump Station	\$1,800,000		 Provide more detail on pump outfall, discharge, and impact avoidance/mitigation.
7	LCFCZD#1	Chehalis Industrial Park Stormwater Management Project	\$1,569,000	\$1,569,000	Verify Capital Budget eligibility (maintenance??). Provide more detail on fish impact avoidance/mitigation.
8	Lewis County	Boistfort Road Infrastructure Vulnerability Assessment	\$50,000		 Provide more detail on availability of existing information, problem documentation.
		Construction>	\$9,885,829		
		Plan/Study/Design>	\$379,234		
		Total>	\$10,265,063		



The Chehalis River Basin Flood Authority is pleased to initiate a call for 2021-23 local projects. The following website provides access to downloadable versions of the 2021-23 recruitment form as well a schedule of key dates and further contact information. This website will be updated in the weeks and months ahead as the local project review/consideration process proceeds. Updates to this website will be communicated via the Flood Authority's master distribution list. Please periodically check-back as well. Lastly, as questions are raised through the local review/consideration process answers to those questions will be posted here for all to see.

I. Recruitment Form (Part I):

Download Microsoft Word version of 2021-23 local projects recruitment form --> Click here.

Download Adobe PDF version of 2021-23 local projects recruitment form --> Click here.

II. Background (Part II):

2021-23 Local Projects Recruitment Process, Schedule --> Click here.

III. Recruitment Schedule -- Significant Key Dates:

May 14, 2020	Flood Authority posts/distributes FINAL 2021-23 local project recruitment request.
July 8, 2020	Project sponsors submit proposals no later than 5:00 p.m., Wednesday, July 8, 2020 to Scott Boettcher, scottb@sbgh-partners.com.
July 16, 2020	Flood Authority reviews/discusses local project proposals received and future local project needs.
August 6, 2020	Chehalis Basin Board reviews/discusses local project proposals received and future local project needs.
September 17, 2020	Flood Authority discusses update on local projects review process.
November 19, 2020	Flood Authority approves ranked, prioritized funding recommendation to Chehalis Basin Board.
December 3, 2020	Chehalis Basin Board approves ranked, prioritized funding recommendation to Governor.



For Further Information . . .

Vickie Raines, Grays Harbor County Representative

Chair, Chehalis River Basin Flood Authority Chair, Chehalis Basin Board 360/249-3731

vraines@co.grays-harbor.wa.us

Edna Fund, Lewis County Representative

Vice-Chair, Chehalis River Basin Flood Authority *Member*, Chehalis Basin Board 360/740-1283

Edna.Fund@lewiscountywa.gov

Scott Boettcher

Staff, Chehalis River Basin Flood Authority 360/480-6600

scottb@sbgh-partners.com

Chrissy Bailey

Staff, Office of Chehalis Basin 360/407-6781

chrb461@ECY.WA.GOV



Key Links . . .

Key Organizations:

- 1. Chehalis River Basin Flood Authority -- www.ezview.wa.gov/chehalisfloodauthority
- 2. Office of Chehalis Basin -- https://ecology.wa.gov/About-us/Get-to-know-us/Our-Programs/Office-of-Chehalis-Basin
- 3. Chehalis Basin Board -- https://www.ezview.wa.gov/site/alias__1962/37068/chehalis_basin_board.aspx
- 4. Chehalis River Basin Flood Control Zone District -- https://www.chehalisriverbasinfczd.com/
- 5. Chehalis Basin Lead Entity -- http://www.chehalisleadentity.org/

Key Activity Areas:

- 1. Flood Warning System -- www.chehalisriverflood.com
- 2. Local Projects -- https://www.ezview.wa.gov/site/alias_1492/34489/local_projects.aspx
- 3. EIS -- https://ecology.wa.gov/About-us/Get-to-know-us/Our-Programs/Office-of-Chehalis-Basin/EIS
- 4. Long-Term Strategy -
 https://www.ezview.wa.gov/DesktopModules/Documents2/View.aspx?tabID=37068&alias=1962&mid=70197&ItemID=8343
- 5. Chehalis Basin Strategy -- <u>www.chehalisbasinstrategy.com</u>
- 6. ASRP -- http://chehalisbasinstrategy.com/asrp/
- 7. Flood Retention Facility (operation) https://www.dropbox.com/s/cnlkmoj3ftw06ag/Chehalis_Final_09.30.2019.mp4?dl=0 (visualization)

<u>Also</u> → Sign-Up for Email Gage Alerts -- https://www.ezview.wa.gov/Portals/_1492/images/2019-20%20Flood%20Warning%20System%20Gage%20Alerts%2010-15-2019.pdf



Key Organizations . . .

Organizational Structure

Chehalis Basin Flood Control Zone District (FCZD)

Project sponsor and applicant for SEPA/NEPA EIS for Dam/Airport Levee

Aquatic Species Restoration Plan (ASRP) Steering Committee

Responsible for developing and revising the Chehalis Basin ASRP

Chehalis Basin Lead Entity

Recommends allocation of state and federal salmon recovery (SRFB) funding

Chehalis River Basin Flood Authority

Responsible for prioritizing and overseeing local flood-damage reduction projects

Office of Chehalis Basin (OCB)/ Chehalis Basin Board (CBB)

Charged to aggressively pursue implementation of an integrated strategy for long-term flood damage reduction and aquatic species habitat restoration.

The CBB consists of seven voting members

- Governor's office (2)
- Chehalis Tribe (1)
- Quinault Indian Nation (1)
- Flood Authority (3)
- State agency ex officio (5)

Basin Partners

The Office of Chehalis Basin and Chehalis Basin Board rely on local basin partners for input and participation in the development and implementation of a long-term strategy.

- Chehalis Fisheries Task Force
- · Conservation Districts
- EDCs
- · Farm Bureau
- Forterra
- · Land Trusts
- · Local Governments
- · One-Voice
- Ports
- The Nature Conservancy
- Sustainable Salmon Partnership
- Wild Fish Conservancy

State and Federal Agencies and Tribes

- Confederated Tribes of the Chehalis Reservation
- · Quinault Indian Nation
- National Oceanic and Atmospheric Administration
- Natural Resource Conservation Service
- Washington State
 Departments of:
 Ecology, Fish and
 Wildlife, Transportation,
 Natural Resources,
 Conservation
 Commission, Recreation
 and Conservation Office
- US Army Corps of Engineers
- US Fish and Wildlife Service



Thank You . . .

Thank You!

Note:

This Presentation is Available at "Chehalis River Basin Flood Authority" Website

at www.ezview.wa.gov/chehalisfloodauthority.

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