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### FFF IOC Members FISH CAUCUS

Mike Remington, Snoqualmie Forum  
Denise Krownbell, Snohomish Basin Salmon Recovery Forum  
Micah Wait, Wild Fish Conservancy  
Daryl Williams, Tulalip Tribes  
Cindy Spiry, Snoqualmie Tribe

### FARM CAUCUS

Bobbi Lindemulder, Individual Farmer  
Meredith Molli, King County Agricultural Commission  
Libby Reed, SnoValley Tilth  
Cynthia Krass, Snoqualmie Valley Preservation Alliance

Josh Monaghan, King Conservation District

### FLOOD CAUCUS

Lara Thomas, City of Duvall  
Stuart Lisk, City of Carnation resident  
Angela Donaldson, Fall City Community Association

### Ex-Officio

Josh Baldi, King County  
Brendan Brokes, Washington Department of Fish and Wildlife  
Tom Buroker, Washington State Department of Ecology  
Gary Bahr, Washington State Department of Agriculture

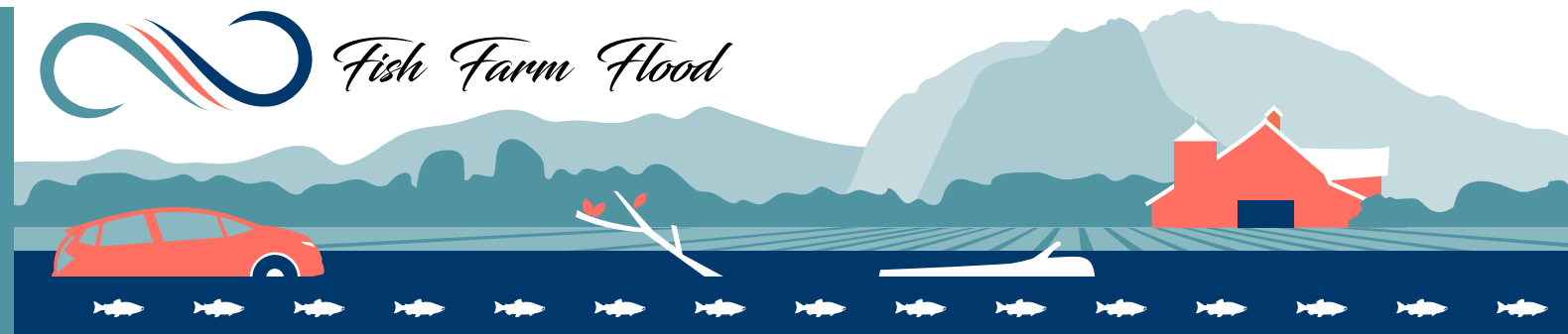
### Interested in Helping?

Share this information with colleagues, friends, and neighbors.

### Want more information?

[www.kingcounty.gov/fish-farms-flood](http://www.kingcounty.gov/fish-farms-flood).

Or contact **Beth leDoux** at [beth.ledoux@kingcounty.gov](mailto:beth.ledoux@kingcounty.gov) and 206-477-4750.



### FFF Background:

Beginning in late 2013, King County Executive Dow Constantine assembled representatives from the Snoqualmie Valley to explore the issues that were creating obstacles and conflict around salmon recovery, flood protection, and productive agriculture with the purpose of advising King County on how best to advance all three interests. These representatives included a cross-section of agricultural, salmon recovery and flood risk reduction interests, as well as tribal, state and local jurisdictions.

Through a collaborative three-year process, in 2017 the Snoqualmie Farm, Flood, Fish Advisory Committee (“FFF 1.0”) unanimously agreed to a set of more than 30 recommendations that, if implemented, would significantly improve ecological function and habitat quality, while at the same time strengthening the agricultural economy, and reducing flood risk.

In a transmittal letter to the King County Executive, the FFF 1.0 Snoqualmie Fish, Farm, and Flood Advisory Committee Advisory Committee Members pledged, as individuals or through their respective organizations, to support and advocate for the full suite of recommendations.

*“It’s been a great experience working with people involved in Fish, Farm and Flood. I would like to thank everyone for their spirit of collaboration toward common goals. The efforts of FFF are critical in improving regional resiliency and sustainability from natural hazards. It’s particularly important that we measure our success and effectiveness in reaching our individual caucus and collective milestones.”*

*- Angela Donaldson,  
Flood Caucus Co-Chair*



In 2018, the Executive convened a second committee with many of the same members, as well as new members they recommended, to serve and direct the FFF Implementation Oversight Committee (IOC)—tasking them with guiding the implementation of a suite of recommended actions. The immediate priorities of the IOC were to improve drainage and accelerate large capital projects for salmon recovery, showing comparable progress on each.

Three task forces were also assembled as recommended in FFF 1.0:

1. Regulatory Task Force
2. Riparian Buffers Task Force
3. Agricultural Land Resource Strategic Plan Task Force

Steady progress on implementation of recommendations is occurring, building on the trust and relationships built in FFF 1.0. And as a result, issues are being facilitated in new collaborative ways in the Valley. King County is grateful to the Tulalip Tribes and Snoqualmie Tribe as well as the cities, entities, agencies and individual farmers who have joined in this work toward finding areas of agreement even amid conflicting visions for land and water use.





## Fish Farm Flood in the Snoqualmie Valley



### Agricultural Land Resource Strategic Plan Task Force

This task force's goal is to improve the long-term productivity of farmland; bring more acres into production, especially food production; and increase opportunities for farmers to develop necessary infrastructure to support or increase their farm businesses. This will happen through an assessment of specific farmland resources and assets existing and needed in the Snoqualmie Valley Agriculture Production District, and creating an implementation plan for project improvements to land (e.g., drainage) and irrigation water supply. The plan will serve as the resource that encompasses agricultural needs and implementation goals in upcoming Fish Farm Flood decision-making, similar to how the Salmon Recovery Plans and the King County Flood Hazard Management Plan represent the needs for salmon recovery and flood risk reduction, respectively. The plan will also specifically inform the development of acreage targets for permanently protected farmland and acreage for habitat restoration. The task force is targeted to complete its work by July 2020.

**Contact: Patrice Barrentine, Task Force Coordinator, King County at [patrice.barrentine@kingcounty.gov](mailto:patrice.barrentine@kingcounty.gov)**

### Regulatory Task Force

The Regulatory Task Force is focused on examining regulatory constraints to agricultural production, especially as they relate to improving drainage without increasing environmental impacts particularly to fish. The Task Force is charged with working on a discrete scope of priority work through 2020, but has also assumed lead responsibility for an additional suite of recommendations identified during FFF 1.0. Among the actions that will be taken by the Task Force are recommended process improvements, interpretation or clarification of current code

requirements and providing technical or financial assistance to implement high-priority strategies. Providing agreed upon clarifications can significantly help reduce inconsistent interpretations and reduce the need for, or decrease review time. Changes to current regulations might also be proposed if existing regulations are deemed to be inappropriate or ineffective and where the intended regulation outcome could be achieved through an approach that has less of an impact on agriculture. Key to all of this work is to identify a suite of approaches that together contribute to a Comprehensive Drainage Assistance Program. The work of the Task Force is expected to continue through the end of 2020.

**Contact: Eric Beach, Task Force Coordinator, King County at [ebeach@kingcounty.gov](mailto:ebeach@kingcounty.gov)**

### Buffer Task Force

The Buffer Task Force goal is to provide the foundation and guidance for a scientifically credible, context-sensitive-locally derived, riparian buffer implementation strategy that will have been developed with the participation of parties represented by the FFF 1.0 Advisory Committee, and any needed additional representation, and that will provide positive outcomes for both fish and farms. The Task Force will ultimately develop a set of voluntary riparian planting recommendations based upon land use, watercourse type, and needed riparian function for salmon. The Task Force anticipates completing their initial scope of work and generating a suite of riparian buffer recommendations by the end of 2019.

**Contact: Beth leDoux, Task Force Coordinator, King County at [beth.ledoux@kingcounty.gov](mailto:beth.ledoux@kingcounty.gov)**

### Large Capital Restoration Projects

In order to meet Salmon Recovery Plan habitat restoration goals, two to three large capital projects in the Snoqualmie APD need to move forward, specifically in the two alluvial fan reaches (i.e., Raging River to Patterson Creek and Tolt River to Harris Creek). It is anticipated that some of these projects will benefit both fish and flood risk reduction goals. To achieve this goal, King County will have to increase project funding as well as improve project efficiency and certainty. Accelerating the rate of large capital project completion will require improving engagement with local landowners.

There are two reaches of the Snoqualmie River that are most critical for Chinook salmon recovery projects – near Fall City and Carnation – where Chinook salmon spawn due to gravel input from the Raging and Tolt rivers. The first capital project to get underway during FFF 2.0 is the Haffner-Barfuse project, located downstream of the Fall City bridge, close to the town. The Barfuse area owned by King County defines the left bank area, while the right bank (Haffner) bordered by Neal Road is privately-owned land with a recently acquired permanent conservation easement. Nearby landowners have been communicated with about the project status and will continue to be updated as new information becomes available.

A design goal of the project is to create complex side-channels in what is now a “single-thread” mainstem of the Snoqualmie River, to encourage its migration into the floodplain. Because the river here is confined by levees into a narrow, single-thread channel, it overtops quickly during floods, does not store wood or sediment, and washes them away. Past floods in this reach have caused damage to roads and farm fields while also scouring out spawning gravels. The current proposal removes almost 3,000 total lineal

feet of levee, and adds culverts, a pilot channel, and wood structures to direct flow, protect the banks, and create fish habitat. Portions of the floodplain on the Barfuse side will be planted with native trees and shrubs prior to levee removal so that when the river migrates, the vegetation will help to slow down the water and provide shade and other habitat benefits for the river in its new alignment. On the Haffner side, flood and erosion protection will be set back, adding a revetment to protect the road and a nearby farm. The idea of constructing a pilot side-channel in the floodplain also is being discussed as a way to jump start habitat benefits on the Haffner side of the river.

### The benefits expected from the project include:

- Address high-priority habitat restoration needs for Chinook salmon, by removing revetments and building setback protection to improve riparian, river edge, and off-channel habitat.
- Address agriculture and floodplain management by reducing maintenance of existing flood facilities.
- Increase safety on nearby Neal Road.
- Reduce surrounding property flooding.
- Reduce adjacent farm field erosion.

The project design and community outreach processes incorporate specific recommendations from the FFF Advisory Committee, such as the inclusion of third party review of designs as it relates to flood risk.

For more details, see the project website:  
**<https://kingcounty.gov/restoration>**

**Contact: Fauna Nopp, Project Manager King County at [fauna.nopp@kingcounty.gov](mailto:fauna.nopp@kingcounty.gov)**