

# Flood Opportunities/Solutions

- ▶ Current status
- ▶ Dials



# 1. Large scale support for house and barn elevations, farm pads

Current status:

- ▶ 2–3 houses/year (95% cost share)
- ▶ 2 barn elevation pilots (87% cost share)
- ▶ 3–5 farm pads/year



**APD TOTALS**  
180 farms  
100 houses in floodplain  
(90 in floodway)  
200 houses outside floodplain

**Legend**

- ★ Elevation Completed
- ☆ Elevation In Progress
- ★ Repetitive Loss Property
- Pad Constructed after 2007
- Pad Constructed in 1990s
- ▲ Buyouts
- Floodway
- 100\_Yr\_Floodplain
- APD

**Legend**

- ★ Elevation Completed
- ☆ Elevation In Progress
- ★ Repetitive Loss Property
- Pad Constructed after 2007
- Pad Constructed in 1990s
- ▲ Buyouts
- Floodway
- 100\_Yr\_Floodplain
- APD

# Needs Assessment – Next steps

- ▶ Refine GIS analysis
  - ▶ Drive by houses in floodplain to assess priority
  - ▶ April 30 open house in Carnation – important to hear from as many farmers as possible
  - ▶ Contact Richelle Rose
- 

# Dials

- ▶ Level of funding
- ▶ Level of cost share for ag building elevations



## 2. Support for repairing levees/revetments on farms

Current status:

- ▶ Priority based on risk to human safety, public infrastructure
- ▶ Protecting private farm land from erosion currently not high priority



# Dials

- ▶ Change policy and criteria for prioritizing repairs
  - ▶ Increase funding to cover more repairs
  - ▶ Corridor plan approach – more multi-objective, Fish/Farm/Flood will inform
- 

# 3. Explore options for regulatory flexibility related to housing and fill

Current status:

- ▶ New houses (including temporary farmworker housing) prohibited in floodway
  - ▶ Fill in floodplain/floodway is limited to avoid upstream/downstream impacts
  - ▶ Farm pads allowed through annual modeling; some reaches of limited capacity
- 

# Dials

- ▶ Explore further policy and regulatory changes re: housing or importing fill
  - ▶ Explore options for flexibility in Community Rating System (CRS)
  - ▶ Explore moving topsoil from levee setback sites to “raise” farm fields
  - ▶ Explore (and fund?) more non-fill options in reaches with limited capacity
- 



# 4. Provide input to hydraulic and hydrologic study

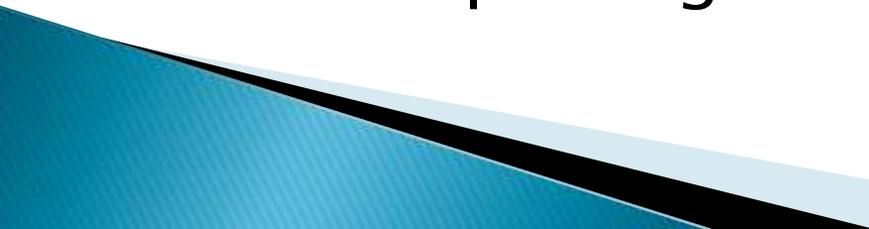
Current status:

- Phase 1 beginning mid-2014 (Snoqualmie 205 impacts)
- Phase 2 during 2015 (factors affecting flooding)
- Stakeholder input

Potential high priority topics to address:

- Upland development and forest practices
- Role of direct discharges
- Potential for decentralized flood storage
- Climate change

# Other ideas??

- ▶ Add projects to Flood Control District budget
  - ▶ New grant – FCD Flood Reduction Fund
  - ▶ Collaborate with cities on temporary farmworker housing outside of floodplain
  - ▶ Reduce flood debris (e.g., flood fencing)
  - ▶ Help with removal of flood debris from fields
  - ▶ Better coordination with Snohomish Co.
  - ▶ More reporting on localized flood impacts
- 

# Full Group Discussion