

MATERIALS FOR SLS 1/16 MEETING SNOHOMISH WATERSHED

SNOHOMISH LAUNCH TEAM FACT SHEET

Launch Team Members

Snohomish CD: Cindy Dittbrenner, Sky Miller, Ryan Bartelheimer, Bobbi Lindemulder
 Tulalip: Kurt Nelson, Brett Shattuck, Morgan Ruff
 Snohomish County: Mike Rustay, Brett Gaddis, Gretchen Glaub, Jessica Hamill, Aaron Kopp, Linda Neunzig,
 PCC: Robin Fay
 Forterra: Nick Bratton
 Ducks Unlimited (1): CK Eidem
 WDFW (2): Lindsey Desmul
 City of Monroe: TBD (Jordan Ottow)
 Facilitator: Spencer Easton, ESA

Duration: October – February, roughly 4 meetings

Objectives over the 4 meetings:

- Support implementation of the Floodplains by Design 2019-2021 grant, administered by Snohomish County, which is focused on project development and work in the Sultan Reach
- Support WDFW (19-21) Ebey Island and Estuary Planning
- Develop FbD 21-23 pre-application information including scale, opportunity, and process for completing full application
- Identify how to organize for future work in the Snohomish including key planning/technical staff who should be engaged in different reaches and/or how to expand or grow the team based on tasks and needs

19-21 project components

SWM was awarded \$4.8M for implementation of Phase I	WDFW Estuary Planning
Actions for the Sultan Reach include: <ul style="list-style-type: none"> - An acquisition strategy - \$2 million for property acquisition - 3 culvert upgrades, - 30% design for an integrated floodway project - Design of at least one agricultural resilience project - Elevation of Mann Road 	Actions for Ebey Island include: <ul style="list-style-type: none"> - Bog research - Detailed analysis of agricultural resilience - Development of restoration opportunities - Development of an acquisition strategy for WDFW
Actions at the watershed scale include: <ul style="list-style-type: none"> - Assessments of geomorphology, hazards, and infrastructure 	Actions for the upper estuary area include: <ul style="list-style-type: none"> - Prioritization of restoration opportunities, including feasibility

<ul style="list-style-type: none"> - Design of one or two additional agricultural resilience projects - Hydrologic and hydraulic modeling - Support for an Integration Team and for communications 	<ul style="list-style-type: none"> - Development of a broad acquisition strategy
---	---

Snohomish Launch Team Status

- Met three times (November, December, and Web-ex brief meeting in January)
- Discussed how to incorporate flood benefits and agriculture benefits into project packages
- Begun developing list of near term actions to inform FbD 2021-2023 grant application project package
- Started discussing ongoing IT structure

FbD 21-23 Pre-Application Near Term Actions

1. ENABLING CONDITIONS THAT ENHANCE INTEGRATION AT THE WATERSHED SCALE

- Grant management
- Education and technical assistance to build broad support for integrated floodplain management goals
- Integration Team support
- Riparian Forest Health Strategy Implementation
- Technical assessments at the watershed scale

2. IMPLEMENTATION OF ACTIONS BEING DEVELOPED IN CURRENTLY FUNDED WORK

- Implementation of 2-3 Agriculture Resilience Projects designed in 19-21 grant period
- Feasibility and design of integrated floodway design project for Sultan Reach
- Feasibility and design of Fern Bluff Levee project
- Continue Mann Road elevation
- Implementation of acquisition strategy (including channel migration easements)

3. DEVELOP THE PROJECT PIPELINE

Lower Skykomish:

- Acquisitions for restoration
- Acquisitions for restoration and conservation
- Acquisitions and Agricultural Conservation Easements
- Culvert replacements
- Haskel Slough reconnections, culvert replacement, drainage improvement
- Railroad embankment removal feasibility
- Riley Slough reconnections, culvert replacement, drainage improvements
- Haskell and Riley Slough Riparian Restoration
- Lower Riley Slough/Confluence Project Implementation
- Train Trestle Removal feasibility
- Haskel/Riley Slough Connection
- Crescent Lake/Pierson Eddy Project
- City of Monroe Projects

- Road and levee infrastructure modifications and improvements in Subreach 3
- Shinglebolt Slough/Integrated Floodway Management Reconnection

Upper Estuary:

- Drainage District 2 and 4: Restore drainage connections with Ebey Slough
- Southern Ebey Levee Improvements
- Southern Ebey Flood Gate Replacements
- North Ebey Restoration Feasibility and Levee Improvement
- Swans Trail Slough Restoration and DD13 Drainage Improvements

Other Areas:

- Agricultural Resilience Project Development
- Hydraulics and Hazard Assessment for the Pilchuck
- Snohomish County SWM Feasibility Projects

Snohomish IT Launch Team: SLS NEAR-TERM PROJECT ATTRIBUTES

The mission of the SLS is to help generate net gains in the productivity and sustained health of fish and farm communities (broadly defined to include agricultural productivity and enhancement, flood control, tribal culture and traditional knowledge, environmental quality) by providing participants with”

1. Best available science and technical support
2. A neutral, mutually respectful forum for farm-fish collaboration
3. Packaging suites of broadly supported fish farm measures that together generate net gain
4. Monitoring and evaluation to measure progress

Consistent with SLS mission

- Unclear what “net gain” means and how to measure if projects individually or collectively achieve this aspect of SLS mission
- Provides benefits for fish, farm, and flood
- Consistent with intent of SLS - provides timely investment in significantly advancing:
 - recently completed Ag Resilience Plan
 - Salmon Recovery Plan
 - Lower Skykomish Reach-Scale Plan
 - Mutually supported flood risk reduction measures.

Transparency: SLS sees all the parts

- Snohomish Launch Team is presenting at the January EC meeting
- Available or offered to answer questions and provide information either on SLS calls or outside of a meeting structure.

- Providing list of near-term projects under consideration for feedback
- Plan to present updates to the EC as the project list is refined between now and June

Identifies money, scope and schedule

- Very rough project budgets have been identified
- An overall budget allocation strategy for the FbD grant has been identified
- Additional detail on money, scope, and scheduled will be developed between now and June and will be shared with the EC

Fundable

- Comprised of partners with extensive grant writing/management expertise.
- Selected actions that identify local work most important to advance.
- Discussions of which projects will be most competitive with which funding sources will occur.
- Actions potentially without a viable funding source will be noted.

Permittable

- Comprised of partners with project implementation/permitting expertise.
- Actions predominately permittable.
- Actions potentially challenging to permits or regulations will be noted.

Locally developed

- Near-term actions flow from the 2019-2021 Floodplains by Design project package, Ag Resilience Plan, Salmon Recovery Plan, Habitat Work Schedule, and the Reach Scale plans.
- These processes are highly local and have extensive input.
- The Snohomish IT Launch Team, an integrated group of fish-farm-flood interests, developed near-term actions based on long-standing possible projects
- Actions will be vetted with a number of individual landowners/community members.
- Additional vetting and development will occur before funding submissions.

Explainable to a local community with buy-in

- It is unclear to how to differentiate this attribute from the attribute above.

Context and alignment in the bigger strategy

- Near-term actions flow from the 2019-2021 Floodplains by Design project package, Ag Resilience Plan, Salmon Recovery Plan, Habitat Work Schedule, and the Reach Scale plans.

Opportunity costs understood

- A number of actions on the list have been in various phases of exploration or movement forward for a decade or more.
- The Launch Team considered developing the project pipeline in 8 different areas and selected the Skykomish because of the many opportunities for fish, flood, farm, and integrated projects and because it builds on the work in the current FbD grant.

Identifies political (or policy – added by IT) issues, if any

- Political issues will be identified over the course of developing the full application and will be discussed with the EC.

Builds or deepens partnerships

- The Launch Team has met three times to develop the project package and is working to develop long-term structures for partnership and collaboration
- By collectively moving real work with real money, these actions provide an incentive and mechanism to advance collaborative work within the Snohomish Watershed and across Snohomish County through the SLS partnership.

Climate change/Resilience

- Overall strategy is designed to create floodplains that will be more resilient as conditions change.

- Ag viability projects on the near-term action list were identified in the Ag Resilience Plan based on climate modeling.
- The geomorphic assessment of the Lower Skykomish will provide information about river change.
- Models currently under development (flood model, NOAA Lifecycle Model), will be finished by 2021 and will inform project feasibility, design, and implementation.