

To: Snohomish Basin Forum

Re:

**Background:**

Since 2006, The Snohomish River Basin has submitted a 3 year work plan (now called a 4 year Work Plans) to the region (Shared Strategy, then Puget Sound Partnership). The Snohomish 4-year Work Plan outlines all actions across all Hs, including H-integration, that support the implementation of the *Snohomish River Basin Salmon Conservation Plan*.

The 2018 list reflects actions being taken by project sponsors throughout the basin as well as projects that could take place given different funding levels, the opportunistic nature of restoration, and recommendations from the *Plan*. The project list is largely self-selected by project sponsors, based on guidance from the *Plan* (priorities by Sub-basin Strategy Group), landowner willingness, match and other readiness criteria. This list therefore represents a comprehensive list of actions project sponsors are actively working to advance. These actions are informed by recommended specific sequencing laid out in the ten-year *Plan*, but are not to be considered a definitive list of projects that will absolutely take place over the next four years nor is intended to be only projects that would receive SRFB funding.

Action:

*After review and approval from the Snohomish Policy Development Committee and the Snohomish Technical Committee, Basin staff is requesting Forum approval of the 2018 4-year work plan project list for submission to PSP by February X.*

### Summary of 2018 4 year work plan

- # of project included in the 2018 update: 218 (Capital: 158, Non-capital: 65)
- # of projects removed from the list
  - 7 completed
  - 2 removed
- # new projects: 52 (44 capital, 8 non-capital)
- 2016 we had ~ 175 projects – in 2018 we have a roughly 24% increase in new projects added to our list. Note that there was no update in 2017, so this captures two years worth of projects.

### Narrative Information

**Question 1:** Have you completed any adaptive management or updates to your recovery chapter? If No, skip to next question. If Yes, what and how have you completed the updates?

**Question 2.** Have you made changes to or advanced your monitoring work? If so, where is the information located and how are you reporting on it?

**Question 3.** Are there any issues that have emerged since 2016 that are impacting how you do salmon recovery in your watershed?

**Question 4.** What support can the region provide to advance salmon recovery in your watershed (technical support, policy work the PSSRC can advance, support needed by your ERC or other PSP staff, etc)?

Funding Summaries:

***Distribution of funds (allocation)***

<b>capital projects total</b>	<b>\$229,065,605</b>	<b>Percent</b>	<b>Allocation Target</b>
estuary, mainstem, nearshore	\$190,472,129	83.2 %	80
lowland tributaries	\$9,553,976	4.2 %	15
headwaters	\$28,539,500	12.5 %	5

**Funding for all projects**

<b>Row Labels</b>	<b>Count</b>	<b>Sum of Estimated Total Project Cost</b>
Basin Wide	1	\$500,000
Estuary Restoration	16	\$68,590,000
Headwaters above Natural Falls	6	\$16,095,000
Headwaters Secondary Restoration	5	\$12,444,500
Mainstem Primary Restoration	84	\$87,734,129
Mainstem Secondary Restoration	4	\$978,000
Nearshore Restoration	9	\$33,170,000
Non Capital	65	\$11,280,028
Rural Streams Primary Restoration	16	\$6,214,503
Rural Streams Secondary Restoration	6	\$2,630,620
Urban Streams Restoration	6	\$708,853
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<b>Grand Total</b>	<b>218</b>	<b>\$240,345,633</b>

**Funding for NEW projects added in 2018**

<b>Row Labels</b>	<b>Count</b>	<b>Sum of Estimated Total Project Cost</b>
Basin Wide	1	\$500,000
Estuary Restoration	5	\$6,965,000
Headwaters above Natural Falls	2	\$500,000
Mainstem Primary Restoration	29	\$21,816,000
Nearshore Restoration	1	

Non Capital	8	\$1,260,000
Rural Streams Primary Restoration	3	\$950,000
Rural Streams Secondary Restoration	1	\$1,000,000
Urban Streams Restoration	2	\$345,500
<b>Grand Total</b>	<b>52</b>	<b>\$33,336,500</b>

Of the new projects added the following are a high level summary of expected outcomes:

Sub Basin Strategy Group		Activities Proposed from new projects added
Nearshore		<ul style="list-style-type: none"> <li>• Beach nourishment monitoring and adaptive management</li> </ul>
Estuary	5	<ul style="list-style-type: none"> <li>• Derelict vessel removal</li> <li>• Creosote piling removal plan and implementation</li> <li>• Spencer Island hydraulic planning</li> <li>• Ebey Island Management planning</li> </ul>
Mainstem Primary Restoration	29	<ul style="list-style-type: none"> <li>• Floodplain habitat reconnection (85 acres in the Tolt)</li> <li>• Floodplain planning (6 acres – Snoqualmie, 20 acres – Tolt feasibility, Tolt project Adaptive management)</li> <li>• Off channel restoration design and construction (approx. 7 acres – Middle pilchuck, 8 acres – Meadowwood,</li> <li>• Riparian planting and health (e.g. invasive control) (14 acres- Fall City , 5 acres – Snohomish, 12 acres – Tokul, 30 acres lower Snoqualmie, many other projects include this element)</li> <li>• Acquisition strategy and implementation/acquisition of priority parcels (Haskel Slough, Pilchuck Dam,)</li> <li>• Conservation easements (80 acres Wallace May)</li> <li>• Dam removal construction and associated acquisitions (Pilchuck)</li> <li>• Culvert replacements (design – Tuck, 3 Pilchuck)</li> <li>• ELJ construction – (7-10 – Beckler)</li> </ul>
Mainstem Secondary	0	
Rural Streams Primary Restoration	3	<ul style="list-style-type: none"> <li>• Culvert and fish passage improvements (2-4 constructed, Planning on Waterwheel Creek)</li> <li>• Restoration prioritization and coordination (Patterson Creek)</li> </ul>
Rural Streams Secondary	1	<ul style="list-style-type: none"> <li>• 30 acres floodplain restoration</li> </ul>
Urban Streams	2	<ul style="list-style-type: none"> <li>• Channel restoration (650 feet – Coho Creek)</li> <li>• Fish passage/habitat improvements (Burri Creek)</li> </ul>
Headwaters above Natural Barriers	2	<ul style="list-style-type: none"> <li>• Plant minimum of 5 acres with at least 8,000 native trees</li> <li>• Knotweed control</li> </ul>

### New Projects by Sponsor

Row Labels	Count of Project
Forterra	2
King County	5
Mountains To Sound Greenway Trust	3
Snohomish Conservation District	2
Snohomish County	5
Snoqualmie Tribe	6
Snoqualmie Tribe & King County Noxious Weeds Program	1
Snoqualmie Watershed Forum	2
Tulalip Tribes	13
WDFW	3
Wild Fish Conservancy	8
(blank)	2
<b>Grand Total</b>	<b>52</b>