

Ecosystem Recovery Planning

Implementation Committee Meeting

April 11, 2016

Updates on Executive Committee Decisions

Vision Statement

The Snohomish-Stillaguamish LIO Ecosystem Recovery Plan presents an integrated framework for progress and actions toward a healthy, resilient ecosystem that **builds on** current plans and policies for the protection and recovery of Puget Sound and a sustainable future for **the culture and economy of** our communities.

Updates on Executive Committee Decisions

Ecosystem components and human wellbeing components (Ecosystem Recovery Plan focus)

- Habitat and species aligned with regional Vital Signs
- IC-proposed habitat components:
 1. Freshwater Wetlands
 2. Marine Shorelines and Nearshore
- All of the new Human Health and Human Quality of Life Vital Signs except Air Quality

Prioritizing List of Components and Vital Signs

- Six very high priority components determined in 2015 work
- Upcoming survey to prioritize remaining Vital Signs and components
 - Please complete by April 19

Defining Goals for Priority Vital Signs

Group Discussion

- Goal statement relevant to the LIO (local goal)
- Definition of local contribution to the Partnership's regional 2020 Vital Sign targets

S.M.A.R.T Goal Setting

Specific

- What are the indicators?

Measurable

- How will we measure progress?
- How will we know when the goal is accomplished?

Achievable

- How can it be accomplished?
- What are the logical steps?

Results-Oriented

- Is it a worthwhile goal?
- Is this the right time?
- Is it in line with the LIO's long-term objectives or vision?

Time-Bound

- How long will it take to accomplish?
- When should it be completed?
- When is the LIO going to work on it?

Local Goals

- Desired future state (locally)
- How do you know if you've reached recovery?
- Consider available ecological data, models, planning targets, and monitoring
- Include specific timelines and measurements
 - Can be for Plan duration (5-6 years) but ideally will be longer (e.g., 20-50 years)

Examples

Chinook Salmon

Protect, restore, and enhance the productivity and diversity of all wild salmon stocks in the basin to a level that will sustain fisheries and non-consumptive salmon-related cultural and ecological values by 2050.

Estuaries

Provide 3,000 acres of functional estuary restoration by 2025 (32% of the historic extent in the first 2 years of the salmon recovery plan).

Local Contributions to Regional Targets

- Linking to 2020 Vital Sign recovery targets where relevant or possible
- How does local recovery relate to regional recovery?

Example

Shoreline Armoring

Regional target:

The total amount of armoring removed should be greater than the total amount of new armoring in Puget Sound.

LIO contribution toward target:

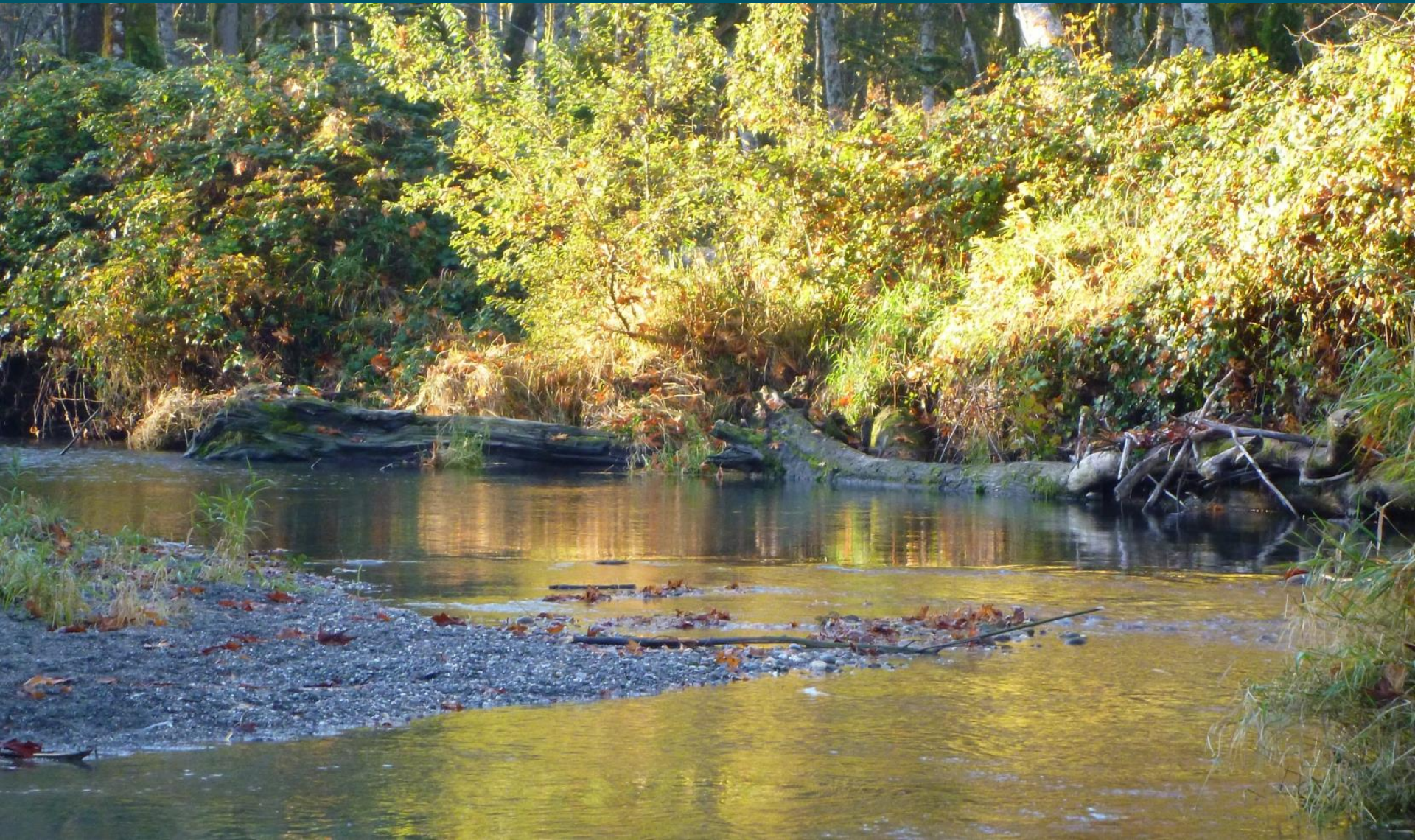
Remove 1.3 miles of shoreline armoring and no new armoring added by 2022.

Problem Statements for Priority Vital Signs

Group Discussion

- Situational analysis
- Why does a problem exist for these components?
- Refer to highly rated pressures/stressors lists

Questions/Next Steps



Floodplains

Local Goal:

Indicator: Floodplain Restoration

PSP 2020 Regional Target: 15% of degraded floodplain areas are restored or floodplain projects to achieve that outcome are underway across Puget Sound and there is no additional loss of floodplain function in any Puget Sound watershed relative to a 2011 baseline.

Local Contribution to Regional Target:

Chinook Salmon

Local Goal:

Indicator: Population Abundance

PSP 2020 Regional Target: Stop the overall decline and start seeing improvements in wild Chinook salmon abundance in two to four populations in each biogeographic region.

Local Contribution to Regional Target:

Estuaries

Local Goal:

Indicator: Estuary Restoration Meeting Salmon Recovery Goals

PSP 2020 Regional Target: All Chinook natal river deltas meet 10-year salmon recovery goals

Indicator: Area of Estuarine Wetlands Restored to Tidal Flooding

PSP 2020 Regional Target: Restore 7,380 quality acres basin-wide, or 20% of estimated restoration need.

Local Contribution to Regional Target:

Summer Stream Flows

Local Goal:

Indicator: Summer Low Flows

PSP 2020 Regional Target: Meet the following river-specific targets:

- Restore low flows to bring the Snohomish River from a weakly decreasing trend to no trend.
- Restore low flows to bring the Deschutes River, North Fork Stillaguamish River, and Issaquah Creek from a strongly decreasing trend to a weakly decreasing trend.

Local Contribution to Regional Target:

Freshwater Quality

Local Goal:

Local Contribution to
Regional Targets:

Indicator: Water Quality Index

PSP 2020 Regional Target: At least 50% of all monitored stations score 80 or above on the Water Quality Index.

Indicator: Number of Impaired Waters

PSP 2020 Regional Target: Reduce the number of impaired waters (303(d) list).

Indicator: Benthic Index of Biotic Integrity

PSP 2020 Regional Target:

- (Protect) 100% of small streams that are currently ranked "excellent" by B-IBI for biological condition retain "excellent" scores.
- (Restore) Improve at least 30 streams currently ranked "fair" to "good" scores.

Land Development and Land Cover (1 of 2)

Local Goal:

Indicator: Land Cover Change: Forest to Developed

PSP 2020 Regional Target: Average annual loss of forested land cover to developed land cover in non-federal lands does not exceed 1,000 acres per year.

Indicator: Land Cover Change: Riparian Restoration

PSP 2020 Regional Target: Restore 268 miles of riparian vegetation or equivalent restoration projects are underway.

Local Contribution to Regional Target:

Land Development and Land Cover (2 of 2)

Local Goal:

Local Contribution to
Regional Target:

Indicator: Land Development: Conversion of Ecologically Important Lands

PSP 2020 Regional Target: Basin-wide loss of vegetation cover on indicator land base does not exceed 0.15% of the 2011 baseline land area over a 5-year period.

Indicator: Land Development: Proportion of Basin-wide Population Growth Distribution within UGAs

PSP 2020 Regional Target: Proportion of basin-wide growth in UGAs at least 86.5% (equivalent to all counties exceeding their population growth goals by 3%) and all counties showing an increase over their 2000–2010 percentage.

Floodplains

Problem Statement:

Chinook Salmon

Problem Statement:

Ecosystem Recovery Plan Development Timeline

2016

