

Highly- rated Stressors for the Snohomish & Stillaguamish Watersheds

LIO-IC Meeting - June 30, 2015

Pressures (Sources)	Stressors	Estuaries	Chinook Salmon	Land Development & Land Cover	Floodplains	Summer Stream Flows	Freshwater Quality
Development: Housing and Urban Areas, Commercial and Industrial Areas, Tourism and Recreation Areas	A1. Conversion of land cover for residential, commercial, and industrial use	High	High	High	High	High	
*Agriculture and Aquaculture: Annual and Perennial Non-Timber Crops, Wood and Pulp Plantations, Livestock Farming and Ranching	A2. Conversion of land cover for natural resource production	Very High	Very High	Very High	Very High	Very High	
**Transportation and Service Corridors: Roads and Railroads, Utility and Service Lines, Shipping Lanes and Dredged Waterways	A3. Conversion of land cover for transportation and utilities	High	High	High	High	High	
Natural System Modification: Freshwater Levees, Floodgates and Tidegates; Marine Levees, Floodgates and Tidegates; Freshwater Shoreline Infrastructure; Marine Shoreline Infrastructure	C. Shoreline hardening	Very High	Very High		Very High		
Biological Resource Use: Fishing and Harvesting Aquatic Resources	I. Derelict fishing gear	High	High				
Natural System Modification: Freshwater Levees, Floodgates and Tidegates; Marine Levees, Floodgates and Tidegates; Freshwater Shoreline Infrastructure; Marine Shoreline Infrastructure	M2. Other (not in-channel) structural barriers to water, sediment, debris flows	Very High	Very High	Very High	Very High	Very High	Very High
Pollution: Domestic and Municipal Wastewater to Sewer, Industrial Wastewater	U1. Point source, persistent toxic chemicals in aquatic systems	High	High		High		High
Pollution: Domestic and Commercial Wastewater to Onsite Sewage Systems, Runoff from residential and commercial lands, Industrial Runoff, Agriculture and Forestry Effluents, Garbage and Solid Waste, Air-borne Pollutants	U2. Non-point source, persistent toxic chemicals in aquatic systems	Very High	Very High		Very High		Very High
Pollution: Domestic and Commercial Wastewater to Onsite Sewage Systems, Runoff from residential and commercial lands	V2. Non-point source, non-persistent toxic chemicals in aquatic systems	Very High	Very High		Very High		Very High
Pollution: Oil Spills	W. Large spills	Very High		Very High			Very High
Pollution: Domestic and Commercial Wastewater to Onsite Sewage Systems, Runoff from residential and commercial lands, Industrial Runoff, Agriculture and Forestry Effluents, Garbage and Solid Waste, Air-borne Pollutants	X2. Non-point source conventional water pollutants	Very High			Very High		Very High

*left off finfish and shellfish aquaculture

**left off flight paths