

Snohomish-Stillaguamish LIO Local Ecosystem Pressures

from LIO-IC Small Group Discussions on June 30, 2015

Consensus decision within the small groups: For the vital sign considered, is this pressure significant? (* = yes) Agreements reflected below:									
Pressures (Sources): Listed below are all the pressures associated with any of the six priority vital signs and acknowledged by any of the three small groups. Reference: <i>Puget Sound Pressure Assessment</i> and <i>2014/2015 Action Agenda</i>	Group 1: Estuaries Vital Sign	Group 1: Chinook Vital Sign	Group 2: Land Development and Land Cover Vital Sign	Group 2: Floodplains Vital Sign	Group 3: Summer Stream Flows Vital Sign	Group 3: Freshwater Quality Vital Sign	Total *'s across all 6 Vital Signs	List of Pressures Ranked By the LIO- IC Across Priority Vital Signs	Pressures are linked to these stressors (from <i>2014 Puget Sound Pressures Assessment</i>)
Housing and Urban Areas	*	*	*	*	*		5	#2	A1
Commercial and Industrial Areas	*	*	*	*	*		5	#2	A1
Tourism and Recreation Areas		*					1		A1
Annual and Perennial Non-Timber Crops	*	*	*	*			4	#3	A2
Wood and Pulp Plantations		*	*				2		A2
Livestock Farming and Ranching	*	*	*	*	*		5	#2	A2
Roads					*	*	2		A3, W
Freshwater Levees, Floodgates and Tidegates		*	*	*			3	#5	C, M2
Marine Levees, Floodgates and Tidegates	*	*	*				3	#5	C, M2
Freshwater Shoreline Infrastructure (drain tiles, ditching)		*	*	*	*		4	#4	C, M2
Marine Shoreline Infrastructure	*	*	*		*		4	#4	C, M2
Domestic and Municipal Wastewater to Sewer			*				1		U1, X1
Domestic and Commercial Wastewater to Onsite Sewage Systems	*	*	*	*		*	5	#2	U2, V2, X2
Runoff from residential and commercial lands	*	*	*	*	*	*	6	#1	U2, V2, X2
Industrial Runoff	*	*					2		U2, V2
Agriculture and Forestry Effluents	*	*	*	*		*	5	#2	U2, V2, X1
Garbage and Solid Waste	*	*					2		U2, V2, X1
Utility and Service Lines	*						1		A3, W
Oil Spills	*						1		W
Shipping Lanes and Dredged Waterways	*						1		A3, W

Pressure Ranking from 6/30 Group Exercise
#1: Runoff from residential and commercial lands
#2: Housing and Urban Areas Commercial and Industrial Areas Livestock Farming and Ranching Domestic and Commercial Wastewater to Onsite Sewage Systems Agriculture and Forestry Effluents
#3: Annual and Perennial Non-Timber Crops
#4: Freshwater Shoreline Infrastructure (drain tiles, ditching) Marine Shoreline Infrastructure
#5: Freshwater Levees, Floodgates and Tidegates Marine Levees, Floodgates and Tidegates