"Very High" and "High" Pressures

Interaction of Pressures With Highly Ranked Components and Vital Signs

Stressors (Symptoms of Degradation)	Sources (Human Activities)	New Vital Signs/Components: pressure assumptions based on Scott Redman's Regional Pressure Assessment ONLY! IC INPUT NEEDED FOR LOCAL PRESSURE ASSESSMENT							2015 Vital Sign pressures based on Scott Redman's regional pressure assessment and includes IC input					
		Marine Shorelines and Nearshore	Shoreline Armoring	Freshwater Wetlands	Marine Water Quality	Good Governance	Shellfish Beds	Toxins in Fish	Estuaries	Chinook Salmon	Land Development & Land Cover	Floodplains	Summer Stream Flows	Freshwater Quality
A1. Conversion of land cover for residential, commercial, and industrial use	**Development:** Housing and Urban Areas, Commercial and Industrial Areas, Tourism and Recreation Areas	H	H	H					H	H	H	H	H	
A2. Conversion of land cover for natural resource production	***Agriculture and Aquaculture:** Annual and Perrenial Non-Timber Crops, Wood and Pulp Plantations, Livestock Farming and Ranching			VH					VH	VH	VH	VH	VH	
A3. Conversion of land cover for transportation and utilities	****Transportation and Service Corridors:** Roads and Railroads, Utility and Service Lines, Shipping Lanes and Dredged Waterways	H	H	H					H	H	H	H	H	
C. Shoreline hardening	**Natural System Modification:** Freshwater Levees, Floodgates and Tidegates; Marine Levees, Floodgates and Tidegates; Freshwater Shoreline Infrastructure; Marine Shoreline Infrastructure	VH	VH	VH					VH	VH		VH		
I. Derelict fishing gear	**Biological Resource Use:** Fishing and Harvesting Aquatic Resources	H							H	H				
M2. Other (not in-channel) structural barriers to water, sediment, debris flows	**Natural System Modification:** Freshwater Levees, Floodgates and Tidegates; Marine Levees, Floodgates and Tidegates; Freshwater Shoreline Infrastructure; Marine Shoreline Infrastructure	VH	VH	VH					VH	VH	VH	VH	VH	VH
S1. Spread of disease and parasites to native species	**Pollution:** Domestic & Municipal Wastewater to Sewer, Domestic & Municipal Wastewater to Onsite Sewage Systems, Runoff from Residential and Commercial Lands, Agricultural & Forestry Effluents, Garbage and Solid Waste						VH	VH						
U1. Point source, persistent toxic chemicals in aquatic systems	**Pollution:** Domestic and Municipal Wastewater to Sewer, Industrial Wastewater	H			H		H	H	H	H		H		H
U2. Non-point source, persistent toxic chemicals in aquatic systems	**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	VH			VH		VH	VH	VH	VH		VH		VH
V2. Non-point source, non-persistent toxic chemicals in aquatic systems	**Pollution:** Domestic and Commercial Wastewater to Onsite Sewage Systems, Runoff from residential and commercial lands	VH			VH		VH	VH	VH	VH		VH		VH
W. Large spills	**Pollution:** Oil Spills	VH			VH		VH	VH	VH		VH			VH
X1. Point-source conventional water pollutants	**Pollution:** Domestic and Municipal Wastewater to Sewer, Industrial Wastewater	H			H		H	H						
X2. Non-point source conventional water pollutants	**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	VH			VH		VH	VH	VH			VH		VH
BB. Sea level rise	**Pollution:** Air-Borne Pollutants	VH	VH											
(additional stressors if needed)	(additional sources if needed)													
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*left off finfish and shellfish aquaculture
**left off flight paths