

7	Water flow processes; Habitats & species (Version 3)	
	<p><i>The Sumas WID's plans and actions help to protect and enhance water flow processes and fish and wildlife habitats in the Sumas watershed</i></p>	<p><u>Goal statement:</u> <i>Water flow processes (surface storage, discharge, recharge, delivery) are restored or protected as necessary in areas that are important for the watershed (see Figures 14 and 15 in the WID mapping report (Appendix C of this Preliminary Plan).</i></p> <p><u>Progress could be measured by:</u> <i>Some options for measuring progress:</i></p> <ul style="list-style-type: none"> - <i>Status of water flow process degradation (H, MH, M, L) in assessment units within the Sumas WID area.</i> - <i>% effective shade cover on fish-bearing streams and ditches.</i> - <i>Culverts & fish barriers removed vs. remaining</i> - <i>Acres of wetland or wildlife habitat restored and/or protected</i> <p><u>Recently completed or ongoing:</u></p> <p><u>Priority actions for management plan:</u></p> <ol style="list-style-type: none"> i. <i>Review possible actions to enhance or protect water flow processes in specific locations within the Sumas WID area,* as listed in the watershed characterization tables prepared during the WID work session in January 2016 (see Appendix B of this document, or WID mapping report Table 5).</i> <ul style="list-style-type: none"> - <i>Suggested actions in specific parts of the WID include, for example, enhancing surface water storage, reducing or preventing additional impervious cover, protecting and/or restoring riparian and forest cover, reducing subsurface drainage rates.</i> ii. <i>coordinate possible actions with development of programmatic drainage permits, to address mitigation requirements in drainage permits*</i> <p><i>* denotes actions that may need additional resources & more detailed scope & description (see section 6)</i></p>