

### Interim Targets – STREAM FLOW

Summer Stream Flows				
	2014	2016	2018	2020
<b>Progress Milestones and 2020 Target</b>	<ul style="list-style-type: none"> <li>• Regulated rivers (Nisqually, Cedar, Skokomish, Skagit, Green) maintain flow conditions.</li> <li>• Low flows in Elwha are monitored.</li> <li>• Unregulated rivers (Puyallup, Dungeness and Nooksack) maintain stable flows.</li> <li>• Snohomish River: No change in flow condition.</li> <li>• Deschutes River, North Fork Stillaguamish River, and Issaquah Creek: No change in flow condition.</li> </ul>	<ul style="list-style-type: none"> <li>• Regulated rivers (Nisqually, Cedar, Skokomish, Skagit, Green) maintain flow conditions.</li> <li>• Continued monitoring of Elwha low flows.</li> <li>• Unregulated rivers (Puyallup, Dungeness and Nooksack) maintain stable flows.</li> <li>• Snohomish River: No change in flow condition.</li> <li>• Deschutes River, North Fork Stillaguamish River, and Issaquah Creek: No change in flow condition.</li> </ul>	<ul style="list-style-type: none"> <li>• Regulated rivers (Nisqually, Cedar, Skokomish, Skagit, Green) maintain flow conditions.</li> <li>• Continued monitoring of Elwha low flows.</li> <li>• Unregulated rivers (Puyallup, Dungeness and Nooksack) maintain stable flows.</li> <li>• Snohomish River: Flow improvement trend begins.</li> <li>• Deschutes River, North Fork Stillaguamish River, and Issaquah Creek: Flow improvement trend begins.</li> </ul>	<p>By 2020, meet the following river-specific targets:</p> <ul style="list-style-type: none"> <li>• Maintain stable or increasing flows in highly regulated rivers: Nisqually, Cedar, Skokomish, Skagit, Green.</li> <li>• Monitor low flow in the Elwha River after dam removal.</li> <li>• Maintain stable flows in unregulated rivers that currently are stable: Puyallup, Dungeness, Nooksack.</li> <li>• Restore low flows to bring the Snohomish River from a weakly decreasing trend to no trend.</li> <li>• 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.</li> </ul>
<b>Outputs</b>	<ul style="list-style-type: none"> <li>• Regulated rivers: Implementation of FERC licenses and HPC Agreements monitored; precipitation/stream flow trends monitored; regulators engaged if conditions change.</li> <li>• Elwha River: USGS gaging used.</li> <li>• Unregulated rivers (Puyallup, Dungeness, Nooksack): Stream flows monitored; studies conducted to determine drivers if conditions change</li> <li>• Snohomish River: Studies conducted to determine drivers impacting flow.</li> <li>• Deschutes River, North Fork Stillaguamish River, and Issaquah Creek: Studies conducted to determine</li> </ul>	<ul style="list-style-type: none"> <li>• Regulated rivers: Implementation of FERC licenses and HPC Agreements monitored; precipitation/stream flow trends monitored; regulators engaged if conditions change.</li> <li>• Elwha River: USGS gaging used.</li> <li>• Unregulated rivers (Puyallup, Dungeness, Nooksack): Stream flow monitored; if conditions change, studies are conducted to determine drivers.</li> <li>• Snohomish River: Flow targets set in cooperation with local partners, WDFW, and tribes, plan developed to address drivers, and funding applied for to implement plan.</li> <li>• Deschutes River, North Fork Stillaguamish River, and Issaquah Creek: Flow targets set in cooperation with local partners, WDFW, and tribes and plan developed to address drivers.</li> </ul>	<ul style="list-style-type: none"> <li>• Regulated rivers: Implementation of FERC licenses and HPC Agreements monitored; precipitation/stream flow trends monitored; regulators engaged if conditions change.</li> <li>• Elwha River: USGS gaging used.</li> <li>• Unregulated rivers (Puyallup, Dungeness, Nooksack): Stream flow monitored; if conditions change, studies are conducted to determine drivers.</li> <li>• Snohomish River: Implement flow restoration plan, if funding is available, with support and involvement of partner agencies.</li> <li>• Deschutes River, North Fork Stillaguamish River, and Issaquah Creek: Funding applied for and flow restoration plan implemented with support and involvement of partner agencies.</li> <li>• Low impact development integrated</li> </ul>	

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	<p>drivers impacting flows.</p> <ul style="list-style-type: none"> <li>• Comprehensive basin flow protection and enhancement program (PEP) initiated for a high priority watershed not meeting 2020 target. (A7.1 NTA2)(Ecology)</li> <li>• 50% of municipal water suppliers meet water saving goals established in Water Use Efficiency (WUE) Plans (A7.2 On-going prgm.) (DOH)</li> <li>• Consistent decision-making policies are established for exempt wells. (A7.3 NTA 1) (Ecology)</li> <li>• Low impact development integrated into local government programs in urban areas to increase flows.(C2.2 Key Ongoing Program)</li> <li>• Effective land use planning focuses growth and protects riparian areas. (A1 and A2, multiple NTAs)</li> <li>• Instream rules implemented and enforced. (A7.1 NTA 3)</li> <li>• Reclaimed water programs and activities expanded, encouraged and implemented, with focus on urban areas. (C6.5 Key Ongoing Programs)</li> </ul>	<ul style="list-style-type: none"> <li>• 50% of municipal water suppliers meet water saving goals established in Water Use Efficiency (WUE) Plans (A7.2 On-going prgm.) (DOH)</li> <li>• Low impact development integrated into local government programs in urban areas to increase flows.</li> <li>• Effective land use planning focuses growth and protects riparian areas.</li> <li>• Instream rules implemented and enforced. (A7.1 NTA 3)</li> <li>• Reclaimed water programs and activities expanded, encouraged and implemented, with focus on urban areas. (C6.5 Key Ongoing Programs)</li> </ul>	<p>into local government programs in urban areas to increase flows.</p> <ul style="list-style-type: none"> <li>• Effective land use planning focuses growth and protects riparian areas.</li> <li>• Instream rules implemented and enforced. (A7.1 NTA 3)</li> <li>• Reclaimed water programs and activities expanded, encouraged and implemented, with focus on urban areas. (C6.5 Key Ongoing Programs)</li> </ul>	