

WRIA 8 Habitat Status/Goals and Adaptive Management Triggers

Habitat Component	2025 Goals	2020 Trigger (50%)	Baseline/2018 Status
Cedar River	<p>Total connected floodplain acres between Lake Washington and Landsburg Diversion Dam will be 1,170 acres by 2025. (increase by 130 acres)</p> <p>Average wood volume will be at least 42 m³/100 m (RM 4 to Landsburg Diversion Dam) by 2025</p>	<p>Total connected floodplain acres <1,105 acres</p> <p>Average wood volume <21 m³/100 m</p>	<p>2015 baseline: 1,039 acres. Projects underway (Riverbend, Jan Road, Elliott Reach project not yet quantified)</p> <p>Average wood volume 29.2 m³/100 m (RM 4 to Landsburg Diversion Dam) (2018 field work). NOTE: Remote sensing effort (2015) estimated 10.4 m³/100 m. Difference due to estimation errors in prior work.</p>
Sammamish River	<p>Areas of river will be cool enough to support Chinook salmon migration and survival (increase riparian cover by at least 10% over 2015 and add two thermal refugia by 2025).</p>	<p><1 thermal refuge added</p> <p>Net riparian cover added <20 acres</p>	<p>No change from 2017; Projects underway (Willowmoor, Derby Creek, Sammamish River Side Channel project not yet quantified)</p> <p>Riparian cover: change not assessed. (due 2020) Status: Baseline still to be collected (# acres)</p>
Streams (Bear/Cottage Lake, Issaquah, Evans, Kelsey, Little Bear, North creeks)	<p>Area of riparian cover in each Tier 1 and Tier 2 stream will increase by 10% over 2015 conditions by 2025.</p> <p>Average wood volume will double over current basin conditions by 2025.</p>	<p>Riparian cover <5% increase over 2015 conditions</p> <p>Wood volume increase <50%</p>	<p>Riparian cover change not assessed (due 2020) Status: Baseline still to be collected (# acres)</p> <p>Wood volume: baseline acquired Baseline wood volume estimate from field sampling, 2010-2013 (2018 index in parentheses) Bear Creek: 22.8 m³/100 m. (TBA) Issaquah Creek: 30.7 m³/100 m. (TBA) Little Bear Creek: 5.3 m³/100 m. (5.0) North Creek: 22.7 m³/100 m. (6.4) Kelsey Creek: 18.3 m³/100 m. (TBA)</p>
Lakes	<p>Natural lake shoreline south of I-90 (Lake Washington) and throughout Lake Sammamish will double over 2015 conditions by 2025.</p> <p>Natural riparian vegetation within 25 feet of shoreline south of I-90 (Lake Washington) and throughout Lake Sammamish will double over 2015 conditions by 2025.</p>	<p>Natural lake shoreline < X acres baseline assessment needed</p> <p>Natural riparian vegetation restored < 30 acres</p>	<p>Lake Washington baseline acquired (2015): 8.4 miles (length of armored lakeshore: 21.4 miles)</p> <p>Lake Sammamish baseline acquired (2015): 12.9 miles. (length of armored lakeshore: 6.8 miles)</p> <p>Riparian vegetation change not assessed (due 2020) Status: Baseline still to be collected (# acres)</p>
Nearshore (Pocket Estuaries)	<p>Reconnect two stream mouth pocket estuaries by 2025.</p>	<p><1 stream mouth/pocket estuary added</p>	<p>No change; Projects underway (Willow Creek Daylighting, Meadowdale Beach Park and Estuary Restoration)</p>