

Approved 2022 WRIA 8 Four-Year Work Plan - Capital Project and Program Priorities

Project Type	Plan Category	WRIA 8 Plan #	Project Name	Project Description	Population (C=Cedar, S=Sammamish, M=Migratory-both populations); P=Programmatic; A=Assessment	Priority Tier	Likely end date	Sponsor(s)	Total Project Cost	Strategy
Capital	Restoration	CR-0-21-BB	Cedar River Stewardship-in-Action	Control invasive plants and replant the riparian corridor throughout the Lower Cedar River, with a specific focus on private properties and educating landowners on ways to become streamside stewards.	C	Tier 1	2025	Forterra		Protect and restore functional riparian vegetation
Capital	Restoration	CR-1.1-1.6-LB	Cedar Reach 2 Left Bank Vegetation Improvement Project	Remove invasive vegetation and plant native riparian vegetation on left bank in areas where mature trees do not exist between Houser Way N and Logan Ave N. Potential for large wood placement at toe of bank in selected locations.	C	Tier 1	2022	Renton	\$252,000	Protect and restore functional riparian vegetation
Capital	Restoration	CR-1.1-RB	Renton Senior Center Habitat Improvement	Create a shallow alcove with LWD in the lawn area between the Renton Senior Center and the existing river bank (right bank). Plant the lawn with riparian vegetation.	C	Tier 1	2022	Renton	\$276,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	CR-1.1-1.45-RB	Cedar River Trail Relocation Habitat Restoration Project	Replace the existing Cedar River Trail--located at river level--with a shallow habitat bench. Relocate the trail to street level from the Renton Senior Center to Bronson Way N.	C	Tier 1	2022	Renton	\$1,230,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	CR-1.6-5.2-BB	Renton Riparian Restoration in City-Owned Parks	Restore riparian areas in city-owned parks upstream of I-405.	C	Tier 1	2025	Renton	\$250,000	Protect and restore functional riparian vegetation
Capital	Restoration	CR-3.2-LB	Cedar Reach 3 Side Channel Enhancement Project	Create flow through conditions at an existing backwater side channel in Reach 3. Improve habitat features within the channel and adjacent riparian areas.	C	Tier 1	2025	Renton	\$488,000	Protect and restore channel complexity
Capital	Acquisition and Restoration	CR-5.7-6.3-RB	Bucks Curve Buyout and Restoration	Continue property acquisitions from RM 5.7 to RM 6.3 (all parcels between river and Jones Road). Once land acquired, remove Tobacco-Dotson, Lund, and Buck's Curve revetments and relocate Jones Road outside of the channel migration zone.	C	Tier 1	2025	King County	\$2,300,000	Protect and restore floodplain connectivity
Capital	Acquisition and Restoration	CR-5.2-5.6-BB	Elliot Bridge Acquisitions and Floodplain Restoration	Acquire parcels near the former Elliot Bridge site to enable floodplain restoration. Acquisition priorities include two parcels on the right bank just upstream of the Punnett Briggs revetment and up to four parcels on the left bank along the river and 149th Ave SE. Once property is acquired, restore the floodplain, including setting back or removing the Elliot Bridge levee, removing the old Elliot Bridge abutments and portions of 149th Ave., and potentially removing the toe rock from the Orting Hill revetment (left in place following a mitigation project). As part of this restoration, evaluate relocation of lower Madsen Creek to enhance habitat conditions in the creek.	C	Tier 1	2025	King County	\$1,700,000	Protect and restore floodplain connectivity
Capital	Acquisition and Restoration	CR-6.3-6.7-RB	Herzman Floodplain Restoration	Acquire parcels and set back the Herzman levee to improve function of and access to floodplain on backside of levee. Additional actions include placement of large wood in the river and floodplain, planting native vegetation, and creation of side-channels and backwater areas where possible. Current acquisition efforts are focused on the parcels adjacent to the river, but over the long-term acquiring all parcels within the moderate channel migration zone would enable a larger area to be reconnected to the river.	C	Tier 1	2021	King County	\$6,000,000	Protect and restore floodplain connectivity

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Capital	Restoration	CR-6.5-7.4-LB-P1	Riverbend Floodplain Restoration	Remove or relocate portions of the levees along the Riverbend property and Cavanaugh Pond Natural Area (left bank) to allow for floodplain reconnection to benefit multiple species. Include floodplain and mainstem habitat features, side channels, etc. Acquisition partially funded by King County Mitigation Reserves Program.	C	Tier 1	2020	King County	\$12,000,000	Protect and restore floodplain connectivity
Capital	Acquisition	CR-8.6-9.4-RB	Jones Reach Acquisitions and Restoration	Acquire parcels on right bank of the river behind the Scott-Indian Grove Levee upstream to the Jones Road crossing. Following acquisition, restore native vegetation. Full reach acquisition could enable future larger-scale restoration activities.	C	Tier 1	2025	King County	\$6,000,000	Protect and restore floodplain connectivity; protect and restore functional riparian vegetation
Capital	Acquisition	CR-9.8-10.5-RB	Belmondo Reach Acquisitions	Continue to acquire parcels within the moderate channel migration zone or floodplain in this reach to protect functioning habitat. Implement restoration actions where needed and as opportunities become available.	C	Tier 1	2025	King County	\$3,100,000	Protect and restore floodplain connectivity
Capital	Acquisition	CR-12-12.2-LB	Lower Lions Reach Acquisitions	Acquire up to 39 acres across 12 parcels on the left bank, including a large area of riparian forested floodplain between the Cedar River and SE 188th Street.	C	Tier 1	2025	King County	\$3,500,000	Protect and restore floodplain connectivity
Capital	Restoration	CR-13.1-13.4-RB	Jan Road Levee Setback and Floodplain Restoration	Remove or set back approximately 500 linear feet of the downstream end of the Jan Road Levee and restore the floodplain. Evaluate relocating all or portions of SE 197th Place, 218th Ave SE, and 221st Ave SE to maximize river/floodplain interactions.	C	Tier 1	2022	King County	\$3,000,000	Protect and restore floodplain connectivity
Capital	Restoration	CR-13.4-13.5-LB	Rutledge-Johnson Lower Levee Removal	Remove/setback the downstream 600 feet of the Rutledge-Johnson levee where King County has current land ownership. Restore 16 acres of reconnected floodplain habitat.	C	Tier 1	2022	King County	\$3,500,000	Protect and restore floodplain connectivity; protect and restore functional riparian vegetation
Capital	Acquisition	CR-13.4-13.7-RB	Mouth of Taylor Creek Acquisitions	Acquire approximately 40 acres of forested riparian floodplain associated with both the Cedar mainstem and the lower reach of Taylor Creek. The target parcels include approximately 1,000 feet of mainstem channel, nearly 1,300 feet of the lowermost reach and mouth of Taylor Creek, and one of the largest remaining floodplain wetlands adjacent to the mainstem.	C	Tier 1	2025	King County	\$1,500,000	Protect and restore floodplain connectivity
Capital	Acquisition	CR-14-15-RB-A	Royal Arch Reach Acquisitions	Acquire floodplain properties for future reach-scale floodplain reconnection and restoration, from SR 169 to Hwy 18.	C	Tier 1	2025	Seattle Public Utilities	\$2,000,000	Protect and restore floodplain connectivity
Capital	Restoration	CR-14-15-RB-R	Royal Arch Reach Floodplain Reconnection and Restoration - Phase I	Design and construct salmon habitat features on floodplain property owned by SPU, currently focusing on the upstream portion of the reach. Larger scale restoration will occur pending future property acquisitions.	C	Tier 1	2021	Seattle Public Utilities	\$1,500,000	Protect and restore floodplain connectivity
Capital	Acquisition	CR-15.3-16.5-BB	Dorre Don Meanders Reach Acquisitions	Acquire rural residential, riverfront parcels from Hwy 18 to the Cedar River Trail bridge at RM 16.5. Includes an extensive floodplain riparian forest and numerous valley floor spring-fed features, such as side channels, streams, and oxbow habitats.	C	Tier 1	2025	King County	\$4,000,000	Protect and restore floodplain connectivity; protect and restore channel complexity

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Capital	Restoration	BCLC-2-BB	Riparian Restoration and Invasive Species Control - Bear/Cottage Lake Creeks	Control invasive knotweed and other priority invasive species on a coordinated basis to improve riparian habitat, on public and private properties. After initial control is achieved, regularly monitor, detect, and rapidly respond to any new infestations. Implement planting with native species in treated areas.	S	Tier 1		Multiple stakeholders		Protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R4-1-BB	Evans/Bear Creek Restoration	Restore instream and riparian habitats of Bear Creek and Evans Creek through the former Keller Farm property. Reconfigure the channel where it has been widened due to past farm practices, enhance the riparian area, and add large wood to the channel.	S	Tier 1		Redmond	\$3,000,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R6-3-BB	Bear Creek Restoration at Friendly Village	Work throughout the Friendly Village Mobile Home Park to restore riparian areas and increase in-channel complexity for juvenile rearing habitat.	S	Tier 1	2019	Adopt-A-Stream Foundation; Redmond	\$1,000,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R6-6-BB	Lower Bear Creek Natural Area Restoration	Between Novelty Hill Road and the Little Bit property, increase channel complexity and restore riparian areas to enhance juvenile rearing habitat.	S	Tier 1	2018	King County	\$675,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R6-7-LB	Bear Creek Little Bit Restoration	Adjacent to the Little Bit riding center, enhance fish habitat on approximately 650 lineal feet of Bear Creek by adding wood and off channel features to increase the volume and availability of habitat for juvenile salmonids and to increase overall channel complexity and habitat quality.	S	Tier 1		King County	\$688,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Acquisition	BCLC-R6-11-BB	Lower Bear Creek Natural Area Additions	Continue acquisition efforts to expand the Lower Bear Creek Natural Area to protect spawning and rearing habitat and allow for future restoration to enhance riparian and in-stream habitat.	S	Tier 1	2020	King County	\$1,000,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R6-12-INS	Bear Creek Tretheway Restoration	Improve instream conditions for Chinook rearing by adding large wood to increase stream complexity at the Tretheway property in reach 6 of Bear Creek. Control invasive species and restore riparian habitat along the project site.	S	Tier 1	2023	Mid-Sound Fisheries Enhancement Group	\$550,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R8-4-BB	Middle Bear Creek Natural Area Additions (NE 133rd to NE 141st)	Acquire parcels consistent with the King County's goals for conservation to protect intact forested and riparian habitat and enable future restoration.	S	Tier 1		King County	\$1,500,000	Protect and restore functional riparian vegetation; protect and restore forest cover and headwaters areas

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Capital	Acquisition	BCLC-R9-1-BB	Middle Bear Creek Natural Area Additions (NE 141st to Struve Creek)	Acquire conservation easements or fee acquisition along Bear Creek to create an uninterrupted corridor for restoration between NE 141st and Struve Creek.	S	Tier 1	2012	King County	\$1,350,000	Protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R9-3-BB	Bear Creek Seawest-Granston Restoration	Restore 32 acres of wetland and floodplain habitat along Bear Creek in an area dominated by reed canary grass. Add large wood in 1200 feet of stream within the Middle Bear Creek Natural Area.	S	Tier 1	2012	King County	\$1,440,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Acquisition	BCLC-R15-1-BB	Paradise Lake Acquisitions	Acquire land parcels in the headwaters of Bear Creek near Paradise Lake to protect streamflow and water quality onsite and for downstream habitat.	S	Tier 1		King County	\$3,000,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R16-1-BB	Paradise Valley Conservation Area Restoration	Remove invasive plants and plant riparian buffer along Bear Creek throughout Paradise Valley Conservation Area.	S	Tier 1	0	Snohomish County	\$100,000	Protect and restore functional riparian vegetation
Capital	Restoration	BCLC-3-BB	Improve Floodplain Connectivity in Cottage Lake Creek Reach 1	Improve floodplain connectivity along 2,750 linear feet in lower Cottage Lake Creek by removing riprap or artificial constrictions.	S	Tier 1	2010	King County		Protect and restore floodplain connectivity
Capital	Reatoration	BCLC-11-INS	Cottage Lake Creek Weir Removal and Restoration	Remove privately owned weir (67% passagle) on Cottabe Lake Creek. Remove bank armoring and floodplain, add LWD, and restore adjacent riparian habitat.	S	Tier 1	2023	Mid-Sound Fisheries Enhancement Group	\$600,000	
Capital	Restoration	IC-3-BB	Issaquah Creek Basin Riparian Restoration and Invasive Species Control	Protect and restore riparian habitat throughout Issaquah Creek basin. Control invasive knotweed and other invasive species on a coordinated basis in priority riparian habitat and areas upstream. After initial control is achieved, monitor, detect, and rapidly respond to any new infestations. Implement planting with native species in treated areas.	S	Tier 1		Mountains to Sound Greenway Trust		Protect and restore functional riparian vegetation
Capital	Restoration	IC-R1-1-INS	Issaquah Creek Instream Restoration at Lake Sammamish State Park	Restore 6,600 linear feet of lower Issaquah Creek through Lake Sammamish State Park through extensive large wood installations and strategic floodplain excavations. Restoration will provide significant habitat benefits for juvenile Chinook and other salmonids, including needed instream structural diversity, floodplain and side-channel connectivity, and more functional and complex refuge and foraging habitat.	S	Tier 1		Mountains to Sound Greenway Trust	\$5,600,000	Protect and restore floodplain connectivity; protect and restore riparian vegetation; protect and restore channel complexity
Capital	Restoration	IC-R2-1-RB	Lower Issaquah Creek Stream and Riparian Restoration	Formerly referred to as the Bush Lane project. Stream, riparian, and floodplain restoration on 1,200 feet of Issaquah Creek east bank. Project focus includes stream and riparian restoration and side channel creation. Existing habitat is poor due to residential development. Stream/buffer enhancements can be combined with other public use of upland area of site.	S	Tier I	2010	Issaquah	\$1,950,000	Protect and restore floodplain connectivity; protect and restore functional riparian vegetation

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Capital	Restoration	IC-R8-1-RB	Squak Valley Park South Stream and Wetland Restoration	Located between the city limits at SE 104th St and Squak Valley Park. Install log complexes in the main channel and along its banks to encourage pool formation, provide protective cover, and improve habitat diversity and quality. Restore the floodplain and side channel to increase edge habitat. Implement wetland and riparian enhancements. Pursue acquisition or of lone remaining privately held parcel to enable full scale restoration on the right bank.	S	Tier 1	2024	Issaquah	\$2,300,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	IC-R12-1-BB	Carey/Holder/Issaquah Creek Confluence Restoration	On recently-acquired 120 acre former farm property, restore riparian buffers, add large wood to the stream channels on the property (Carey, Holder, and Issaquah), and ensure any future livestock use avoids impacts to the aquatic and riparian environment.	S	Tier 1	2009	King County	\$700,000	Protect and restore functional riparian vegetation
Capital	Restoration	IC-R12-2-BB	Middle Issaquah Creek Conservation and Restoration	Protect and restore riparian habitat from River Mile 12.5 to 10.1 to establish a contiguous habitat restoration corridor. Includes acquisition in fee or conservation easements with willing sellers as well as ecological restoration on protected lands including floodplain reconnection projects, natural drainage projects, noxious weed control, and replanting.	S	Tier 1	2022	King County	\$10,000,000	Protect and restore floodplain connectivity; protect and restore functional riparian vegetation, Protect and restore channel complexity, restore shallow water rearing and refuge habitat
Capital	Restoration	IC-R13-1-INS	Fish Passage Restoration on Carey Creek at 276th Ave SE	Replace an existing partial barrier culvert/fishway with a bridge.	S	Tier 1	2009	King County	\$5,475,000	Remove fish passage barriers
Capital	Restoration	IC-9-INS	Fish Passage Restoration on East Fork Issaquah Creek at SE Highpoint Way	Replace partial barrier culvert/fishway at SE Highpoint Way with a stream simulation design and restore unimpeded fish passage.	S	Tier 1	2009	King County		Remove fish passage barriers
Capital	Restoration	SR-0-13.8-BB	Riparian Restoration and Invasive Species Control - Sammamish River	Control invasive knotweed and other priority invasive species on a coordinated basis to improve riparian habitat, on public and private properties. After initial control is achieved, regularly monitor, detect, and rapidly respond to any new infestations. Implement planting with native species in treated areas.	S	Tier 1		Multiple stakeholders		Protect and restore functional riparian vegetation
Capital	Restoration	SR-2.3-2.5-LB	East Side Wayne Sammamish/Waynita Restoration	Restore the east-side of the former Wayne Golf Course property (former back nine, 31.6 acres). Property includes 1,000 linear feet of the south bank of the Sammamish River, along with the mouth and lower reach of Waynita Creek. Restoration approach is dependent on results from a feasibility study but could include: enhancing Waynita Creek habitat at the mouth, Sammamish floodplain restoration, improving riparian conditions, and creating cold water refuge.	S	Tier 1	2025	Bothell		Protect and restore cold water sources and reduce thermal barriers to migration; protect and restore functional riparian vegetation; reconnect and enhance creek mouths

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Capital	Restoration	SR-7.2-RB	Enhance Tributary Confluence and Lower Reach of Derby Creek	Enhance tributary confluence and lower portion of Derby Creek. Project should restore riparian vegetation, place large wood, and create a cool-water refuge pool.	S	Tier 1		King County		Protect and restore cold water sources and reduce thermal barriers to migration; protect and restore functional riparian vegetation; remove fish passage barriers
Capital	Restoration	SR-9.5-10.2-BB	Restoration from Valley Estates Creek to NE 116th Street	Regrade and revegetate both banks and reconstruct the channel section along this reach of the Sammamish River, including 1800 lineal feet of right bank relic channel meander, and 3400 lineal feet of existing channel restoration on both banks. Install large wood to improve habitat and provide hydraulic diversity. Create vegetated benches for juvenile salmon refuge.	S	Tier 1		City of Redmond		Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	SR-10.2-10.6-BB	Restoration from Willows Creek to Valley Estates Creek	Regrade and revegetate both banks and reconstruct the channel section along this reach of the Sammamish River, including 2000 lineal feet on the west bank and 2700 lineal feet on the east bank. Install wood to improve habitat and provide hydraulic diversity. Create vegetated benches for juvenile salmon refuge.	S	Tier 1		City of Redmond		Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	SR-10.6-11.2-BB	Restoration from NE 90th Street to Willows Creek	Regrade and revegetate both banks and reconstruct the channel section along this reach of the Sammamish River, including 1800 lineal feet on the west bank, and 2400 lineal feet on the east bank. Install wood to improve habitat and provide hydraulic diversity. Create vegetated benches for juvenile salmon refuge.	S	Tier 1		City of Redmond		Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	SR-12.9-13.6-LB	Willowmoor Floodplain Restoration	Restore the Sammamish transition zone 1,500 feet above and below the weir. Enhance habitat through elements such as: excavation of a side channel in the left bank floodplain, creation of pools, removal of non-native vegetation, addition of gravel substrate, connection to restored segments of Tosh Creek, wetland and groundwater connections, and re-vegetation of riparian and wetland areas. Also explore alternatives for cold water supplementation.	S	Tier 1	2023	King County	\$8,400,000	Protect and restore floodplain connectivity; protect and restore cold water sources and reduce thermal barriers to migration
Capital	Restoration	LW-S1-5	Lower Taylor Creek Restoration	Restore, reconnect, and revegetate floodplain along the lower 1,000 feet of Taylor Creek, including the mouth, 125 feet of lake shoreline, and 350 square feet of delta.	M	Tier 1	2015	Seattle Public Utilities	\$7,500,000	Reconnect and enhance small creek mouths
Capital	Restoration	LW-S2-7	Be'er Sheva Park Shoreline Restoration	Remove rock armoring and plant native vegetation along the shoreline north of the boat ramp to improve juvenile Chinook salmon migratory and rearing habitat.	M	Tier 1		Seattle Parks Foundation	\$575,000	Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S3-3	Clarke Beach Shoreline Restoration	Remove concrete and rock bulkheads and other impediments to natural shoreline process and restore with pocket beaches, large wood placements, and native riparian vegetation.	M	Tier 1		City of Mercer Island	\$1,250,000	Restore shallow water rearing and refuge habitat

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Capital	Restoration	LW-S4-4	Luther Burbank South Shoreline Restoration	Place 450 CY of habitat grade gravels along 785 linear feet of Lake Washington shoreline and install coarse woody debris; repair eroded shoreline segment with willow stake plantings; and decommission existing eroded trail with native plantings.	M	Tier 1		City of Mercer Island		Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S7-4	Saint Edward State Park Shoreline Restoration	Remove large angular boulders that form a bulkhead and three groins along the state park shoreline and fill remaining voids and depressions with gravels and sands that match the natural lakebed substrate. Enhance shoreline vegetation by planting additional coniferous trees and shrubs.	M	Tier 1	2019	Washington State Parks	\$125,000	Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S7-5	David Brink Park Shoreline Restoration	Preserve and enhance the shoreline of Brink Park by restoring a more natural shoreline profile through removing bulkheads to the maximum extent feasible. Approximately 150 - 200 linear feet of bulkhead anticipated to be removed.	M	Tier 1	2021	City of Kirkland	\$1,800,000	Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S7-6	Lake Washington Shoreline Riparian Restoration - City of Kirkland Parks	Remove invasive vegetation and replant with native plants in riparian areas along Lake Washington shoreline in Juanita Beach, Juanita Bay, O.O. Denny, Kiwanis, Waverly Beach, and Yarrow Bay parks.	M	Tier 1	2035	City of Kirkland	\$5,600,000	Protect and restore functional riparian vegetation; restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S7-7	Settler's Landing Dock Decking Replacement	Replace solid wooden decking on 2,020 square feet of dock surface with grated decking to allow natural light to reach the water surface and lessen impacts to salmon migration.	M	Tier 1	2035	City of Kirkland	\$20,000	Reduce impact of overwater structures
Capital	Restoration	LW-S7-8	Arrowhead Property Conservation	Conserve a 6.46 acre property adjacent to St. Edward State Park to protect existing forest cover, 245 feet of Lake Washington shoreline, and two small tributary streams that drain into the lake.	M	Tier 1		City of Kenmore	\$4,130,000	Protect and restore functional riparian vegetation; protect and restore forest cover and headwaters areas
Capital	Restoration	LS-2	Ebright Creek Acquisition and Enhancement	Acquire up to six acres along lower Ebright Creek and enhance mouth of creek and shoreline of Lake Sammamish.	S	Tier 1	2021	Sammamish	\$1,500,000	Reconnect and enhance creek mouths
Capital	Restoration	LS-3	Laughing Jacobs Creek Mouth and Lower Channel Restoration	Restore the mouth of creek and upstream to the East Lake Sammamish Trail, focused on armoring removal and riparian restoration. As an initial step in this effort, perform a feasibility study and risk assessment for the potential to re-route lower Laughing Jacobs Creek south of its current alignment, moving the channel through Lake Sammamish State Park.	S	Tier 1		Trout Unlimited	\$200,000 (feasibility only)	Reconnect and enhance creek mouths
Capital	Restoration	LS-12	George Davis Creek Fish Passage and Stream Restoration Project	This project will remove two fish-barriers from near the mouth of George Davis Creek, re-grade the stream, and provide over ½ mile of newly accessible, ideal habitat for Kokanee Salmon. It may also remove the high-flow bypass in an effort to reduce maintenance and restore the stream to historic stream flow.	S	Tier 1	2021	Sammamish	\$4,000,000	Reconnect and enhance creek mouths

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Capital	Restoration	SC-2	Implement Operational Improvements to Locks	Operational improvements include replacing the filling culvert valves and machinery (Stoney Gate valves), installing a PIT tag reader in the large lock filling culvert, rehabilitating the large lock gate, finding a permanent solution to the saltwater drain intake and diffuser well, and redesigning the smolt flume.	M	Tier 1	Ongoing	Corps of Engineers	\$27,000,000	Improve juvenile and adult survival at the Ballard Locks
Capital	Restoration	SC-4	Improve Estuary Conditions Upstream of Locks	Modify the salt water barrier or change operation of the barrier while increasing the number of large lockages to introduce cool marine waters above the locks and create a longer estuary environment.	M	Tier 1	Ongoing	Corps of Engineers		Improve juvenile and adult survival at the Ballard Locks
Capital	Restoration	SC-14	6th Ave W Shoreline Street End Habitat Enhancement	Remove existing pavement, lay back the shoreline slope, create beach habitat, and plant native vegetation to improve juvenile rearing habitat.	M	Tier 1		City of Seattle - Dept. of Transportation	\$200,000	Restore shallow water rearing and refuge habitat
Capital	Restoration	PS-12	Migratory Area Riparian Restoration and Invasive Species Control	Control invasive plant species on a coordinated basis in priority shoreline habitats and implement planting with native species in treated areas.	M	Tier 1	2025	Multiple stakeholders		Protect and restore functional riparian vegetation
Capital	Restoration	PS-3	Meadowdale Beach Park Estuary and Shoreline Restoration	Enhance non-natal rearing habitat by removing a portion of the hard-armored railroad embankment and the undersized culvert for Lund's Gulch Creek. Install a multi-span bridge, create nearly one acre of tidal marsh pocket estuary and stream-connected wetlands, and restore approx. one acre of nearshore stream and riparian buffers along 1050 ft. of shoreline. The bridge opening will improve sediment delivery and natural process.	M	Tier 1	2024	Snohomish County	\$14,000,000	Reconnect and enhance creek mouths; reconnect backshore areas and pocket estuaries
Capital	Restoration	PS-8	Willow Creek Daylighting	Daylight Willow Creek downstream of Edmonds Marsh to create an open channel connection between the Sound and marsh and allow fish access into the marsh for rearing.	M	Tier 1	2025	Edmonds	\$9,500,000	Reconnect and enhance creek mouths; reconnect backshore areas and pocket estuaries
Capital	Restoration	PS-22	Scheuerman Creek Riparian and Marine Shoreline Restoration	Remove barrier at the mouth of Scheuerman Creek, enhance creek mouth, and remove shoreline armoring to provide juvenile rearing habitat in the nearshore.	M	Tier 1	2021	Seattle Parks	\$900,000	Reconnect and enhance creek mouths; protect and restore functional riparian vegetation
Capital	Restoration	NC-1-BB	Riparian Restoration and Invasive Species Control – North Creek	Control invasive knotweed and other priority invasive species on a coordinated basis to improve riparian habitat, on public and private properties. After initial control is achieved, regularly monitor, detect, and rapidly respond to any new infestations. Implement planting with native species in treated areas.	S	Tier 2		Multiple stakeholders		Protect and restore functional riparian vegetation
Capital	Restoration	NC-R10-1-INS	North Creek Streamkeepers	Install pile assisted logjams (PALS) and/or beaver dam analogs (BDAs) at three locations in the headwaters of North Creek to reduce peak winter flows, increase summer flows, and improve salmon spawning and rearing habitat.	S	Tier 2		Adopt A Stream	\$250,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	KC-3-BB	Riparian Restoration and Invasive Species Control – Kelsey Creek	Control invasive knotweed and other priority invasive species on a coordinated basis to improve riparian habitat, on public and private properties. After initial control is achieved, regularly monitor, detect, and rapidly respond to any new infestations. Implement planting with native species in treated areas.	S	Tier 2				Protect and restore functional riparian vegetation

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Project Type	Plan Category	WRIA 8 Plan #	Project Name	Project Description	Population (C=Cedar, S=Sammamish, M=Migratory-both populations); P=Programmatic; A=Assessment	Priority Tier	Likely end date	Sponsor(s)	Total Project Cost	Strategy
Capital	Restoration	LBC-1-BB	Riparian Restoration and Invasive Species Control – Little Bear Creek	Control invasive knotweed and other priority invasive species on a coordinated basis to improve riparian habitat, on public and private properties. After initial control is achieved, regularly monitor, detect, and rapidly respond to any new infestations. Implement planting with native species in treated areas.	S	Tier 2		Multiple stakeholders		Protect and restore functional riparian vegetation
Capital	Restoration	LBC-R2-1-INS	Little Bear Creek Reach 2- Fish Passage 134th Ave NE	At 134th Avenue NE, replace three cement pipes that are broken and pose a partial low flow blockage.	S	Tier 2	2017	Woodinville	\$300,000	Remove fish passage barriers
Capital	Restoration	LBC-R3-2-INS	Fish Passage Improvement at 244th St. SE	Replace a partial fish passage barrier (WDFW Site ID 08.0080 1.60) with a fish passable structure (culvert/bridge) that is designed using WDFW or other approved design guidelines for water crossings over fish-bearing waters in Washington State.	S	Tier 2	2025	Snohomish County	\$2,500,000	Remove fish passage barriers
Capital	Restoration	LBC-R7-4-INS	Little Bear Creek Restoration at 228th Street NE	Add large wood to Little Bear Creek to increase hydraulic complexity and provide low velocity refugia habitat. Plant riparian vegetation.	S	Tier 2	2025	Snohomish County	\$167,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	LBC-R7-5-INS	Little Bear Creek Restoration near 224th Street SE	Increase habitat quantity and quality to create additional spawning and rearing areas for Chinook near a beaver-dammed pond. Incorporate woody material and restore riparian vegetation.	S	Tier 2	2025	Snohomish County	\$298,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Acquisition	LBC-R10-1-BB	Little Bear and Great Dane Creeks Forest Cover and Wetland Protection	Protect large, undeveloped forested wetland on both Little Bear and Great Dane Creeks. Approximately 100 acres including 10 parcels.	S	Tier 2	2009	Snohomish County	\$1,000,000	Protect and restore forest cover and headwaters areas
Capital	Acquisition	LBC-R10-3-BB	Protect Riparian Wetlands in Reach 10	Protect undeveloped, forested wetlands (second growth forest) in reach covering approximately 110 acres and 10 parcels owned by two landowners. Enhance with large wood.	S	Tier 2	2010	Snohomish County	\$1,000,000	Protect and restore forest cover and headwaters areas
Capital	Restoration	LBC-R10-4-INS	Little Bear Creek Restoration at 196th Street NE	Add large wood to provide hydraulic complexity and cover and to manage sediment load and improve Chinook spawning habitat.	S	Tier 2	2010	Snohomish County	\$270,000	Protect and restore functional riparian vegetation; protect and restore channel complexity
Capital	Acquisition	LBC-R12-1-BB	Little Bear Creek Headwaters Forest Cover Protection	Protect forested, headwater wetlands from corner of 51st and 180th upstream approximately 2 miles along Little Bear Creek through conservation easements and acquisition. Includes three wetland complexes totaling over 200 acres: 4 parcels along 180th St. on mainstem; 7 parcels along Trout Creek from 180th to Interurban Blvd.; and 5 parcels north of 164th Street to 156th Street.	S	Tier 2	2011	Snohomish County	\$1,500,000	Protect and restore forest cover and headwaters areas
Capital	Restoration	LBC-R12-2-INS	Little Bear Creek Restoration at Lightfoot	Add large wood to improve bed material gradation, cover, and hydraulic diversity and restore riparian vegetation to benefit Chinook.	S	Tier 2	2011	Snohomish County	\$109,000	Protect and restore functional riparian vegetation; protect and restore channel complexity

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Capital	Restoration	EC-R2-1-INS	Evans Creek Relocation	Relocate a portion of Evans Creek to from an industrial area into open space to reconnect the channel with floodplain wetlands, enhance channel complexity, and restore riparian buffer function.	S	Tier 2		Redmond		Protect and restore functional riparian vegetation; protect and restore channel complexity
Capital	Restoration	T3-2	Thornton Creek Riparian Enhancement	Control invasive plants and replant the riparian corridor of Thornton Creek. Engage over 1000 private streamside landowners.	S	Tier 3	2029	Forterra	\$400,000	Improve water quality
Capital	Restoration	T3-3	Hole in the Sky Park Habitat Enhancements	Remove a fish passage barrier along Great Dane Creek at the county-owned Hole in the Sky Park. A new meandering channel will be created using a roughened channel design that incorporates boulders and rootwads, resulting in approximately 400 feet of improved habitat, a fish passable channel and a fully restored riparian planting.	S	Tier 3	2023	Snohomish County	\$750,000	Remove fish passage barriers; protect and restore channel complexity
Capital	Restoration	T3-4	Cutthroat Creek Restoration at Carousel Ranch	Implement stream, riparian, and upland restoration in and along Cutthroat Creek, including wood placement to increase hydraulic diversity and structure to build/maintain channel grade at the new Maltby Are Community Park. The project will implement improvements to stream habitat, restore native vegetation, protect native vegetation, protect and restore water temperature, provide active erosion abatement, control invasive vegetation, and integrate other actions along 870 feet of Cutthroat Creek that will also benefit Little Bear Creek downstream.	S	Tier 3	2024	Snohomish County	\$412,000	Improve water quality; protect and restore channel complexity
Non-Capital	Outreach and education	N/A	Increase Awareness of and Support for Salmon Recovery	Increase support for salmon recovery to ensure watershed-wide awareness of salmon, agreement on the ecological, cultural, recreational and economic importance of salmon in the watershed, and an understanding of the individual actions that can support salmon recovery. Relevant outreach/education actions include continuing to coordinate the Salmon SEEson program and other general salmon recovery awareness-building to increase public knowledge of, interest in, and support for salmon recovery, such as Cedar River Salmon Journey and Beach Naturalists. Additional actions include behavior change programs, and outreach and education for key audiences, including elected officials, schoolchildren, development and landscaping industries, and shoreline and streamside property owners.	P	All	Ongoing	Multiple stakeholders		Increase awareness and support for salmon recovery
Non-Capital	Habitat Protection	N/A	Integrate Salmon Recovery Priorities into Local and Regional Planning, Regulations, and Permitting	Promote the WRIA 8 Plan as the best available science for regulatory updates and permitting. These actions will also promote model programs where jurisdictions successfully implement their regulatory programs in a manner that aligns with Chinook salmon recovery strategies. Also, develop and update land use regulations to include provisions that seek to protect salmon habitat. Needs include large shoreline and riparian buffers and setbacks, strong stormwater management standards, appropriately restrictive development codes and standards, and effective protections for critical and environmentally sensitive areas.	P	All		Multiple stakeholders		Integrate Salmon Recovery Priorities into Local and Regional Planning, Regulations, and Permitting
Non-Capital	Monitoring	N/A	Evaluating Cumulative Effectiveness through Stock Monitoring	Conduct fish in/fish out monitoring activities to identify trends in fish populations over time.	A	All	Ongoing	Multiple stakeholders		

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Non-Capital	Monitoring	N/A	Continue Existing and Conduct New Research, Monitoring, and Adaptive Management on Key Issues	Examples of work underway in this area includes fish use of habitat restoration projects (i.e., project effectiveness), juvenile passage and survival at the Ballard Locks, predation in the Ship Canal and Lake Washington, and effects of artificial light on juvenile salmon behavior and survival.	A	All	Ongoing	Multiple stakeholders		
Non-Capital	Project Development	N/A	PSAR Capacity Funds	Provide technical assistance to site-specific projects and support addressing barriers to implementation of projects or programs. Identify priorities for plan implementation.	P	All	Ongoing	Multiple stakeholders		
Non-Capital	Plan Implementation & Coordination	N/A	Salmon Recovery Coordination	Advance watershed-based salmon recovery through collaboration and coordination with multiple partners (agencies, non-profits, citizens, businesses, other stakeholders).	P	All	Ongoing	Multiple stakeholders		
Non-Capital	Plan Implementation & Coordination	N/A	Adaptive Management	Implement activities identified in the WRIA 8 Monitoring and Assessment Plan (MAP).	P	All	Ongoing	Multiple stakeholders		
Non-Capital	Plan Implementation & Coordination	N/A	Plan Implementation Tracking	Track progress toward implementing capital projects to report to decision makers and agencies.	P	All	Ongoing	Multiple stakeholders		
Non-Capital	Plan Implementation & Coordination	N/A	Habitat, Hatchery, and Harvest Integration	Support enhanced integration of habitat, hatchery, and harvest management actions.	P	All	Ongoing	Co-Managers and Multiple Stakeholders		
Non-Capital	Plan Implementation & Coordination	N/A	Lead Entity Coordination & Administrative Support of Watershed Committees	Coordinate lead entity programs and activities and provide administrative support and coordination of watershed committees.	P	All	Ongoing	Local gov't. & Lead entity		