

## Approved 2019 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	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	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	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	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	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	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	Renton	\$488,000	Protect and restore channel complexity
Capital	Restoration	CR-4.9-5.2-LB	Protect and Restore Habitat in Ron Regis Park	Explore ways to restore habitat forming processes on the left bank adjacent to Ron Regis Park. Project elements could include removing bank armoring and installing large wood. Restoration options should include lower Madsen Creek.	C	Tier 1	Renton; King County		Protect and restore channel complexity; protect and restore floodplain connectivity
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	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	King County	\$1,700,000	Protect and restore floodplain connectivity

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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	King County	\$6,000,000	Protect and restore floodplain connectivity
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	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	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	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	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	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	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	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	Seattle Public Utilities	\$2,000,000	Protect and restore floodplain connectivity
Capital	Acquisition	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 2	Seattle Public Utilities	\$1,500,000	Protect and restore floodplain connectivity

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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	King County	\$4,000,000	Protect and restore floodplain connectivity; protect and restore channel complexity
Capital	Restoration	CR-17.1-17.4-LB	Left Bank Protection in Reach 15	Explore protection of left bank forested floodplain area adjacent and upriver of property already in King County ownership in this reach.	C	Tier 1	King County	\$1,500,000	Protect and restore floodplain connectivity
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	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	King County	\$675,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R6-9-BB	NE 95th Street Bridge Replacement and Restoration	Remove existing bridge abutments and rip-rap, create a more natural channel configuration, and plant native riparian vegetation.	S	Tier 1	Redmond		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	King County	\$1,000,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	BCLC-R8-2-BB	Swanson Horse Farm Restoration	Restoration needed on Swanson Horse Farm property on NE 141st St. Reduce fine sediment inputs and restore riparian areas. Pursue a farm plan to address impacts to Bear Creek.	S	Tier 1	King Conservation District, King County	\$25,000	Protect and restore functional riparian vegetation

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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
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	King County	\$1,350,000	Protect and restore functional riparian vegetation
Capital	Acquisition	BCLC-R15-1-BB	Paradise Lake Natural Area Additions	Protect habitat and forest cover on the Stevens and Doolittle properties and adjacent parcels within this reach of Bear Creek through conservation easement or fee acquisition.	S	Tier 1	King County		Protect and restore forest cover and headwaters areas
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	Snohomish County	\$50,000	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	King County		Protect and restore floodplain connectivity
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	Lake Sammamish State Park Restoration	Vast (50 acres within shoreline buffer) and largely undisturbed area within State Park at mouth of Issaquah Creek. Former farmland with somewhat poor habitat conditions: incised channel, extensive non-native vegetation. Potential project to include stream, riparian, floodplain, lakeshore and wetland restoration on Issaquah Creek. Good connectivity to adjacent restoration projects upstream in City.	S	Tier 1	Mountains to Sound Greenway Trust	\$385,000 (for feasibility and design)	Protect and restore floodplain connectivity; protect and restore riparian vegetation; protect and restore channel complexity
Capital	Acquisition and Restoration	IC-R2-1-RB	Bush Lane Acquisition and Restoration	12.5 acres of Issaquah Creek and North Fork Issaquah Creek floodplain, located between confluence of these two streams and Darst Park (just north of I-90). Stream, riparian, and floodplain restoration on 1,200 feet of Issaquah Creek east bank. Project could include stream and riparian restoration, side channel creation, and wetland restoration. 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 1	Issaquah		Protect and restore floodplain connectivity; protect and restore functional riparian vegetation
Capital	Restoration	IC-R2-2-RB	Issaquah Creek Pickering Reach Restoration	Located between SE 56th Street and I-90 along west bank of Issaquah Creek. Stream restoration along 1,800 feet of the creek within 200-foot setback. Restoration could include removal of hardened banks, floodplain restoration, side channels, and riparian enhancements. Extension of restoration work conducted by City in 1998.	S	Tier 1	Issaquah	\$500,000	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	Issaquah	\$2,300,000	Protect and restore channel complexity; protect and restore functional riparian vegetation
Capital	Restoration	IC-R12-3A-BB	Carey/Holder/Issaquah Creek Confluence Fee Acquisition	Purchase in fee the 120-acre site under a King County conservation easement to facilitate enhanced and more rapid restoration of the site.	S	Tier 1	King County	\$1,500,000	Protect and restore floodplain connectivity; protect and restore functional riparian vegetation
Capital	Acquisition and Restoration	IC-R12-1-BB	Carey/Holder/Issaquah Creek Confluence Restoration	On the 120 acre site under a King County conservation easement, restore riparian vegetation, add livestock fencing, and implement other best management practices for minimizing livestock impacts.	S	Tier 1	King County	\$700,000	Protect and restore functional riparian vegetation
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-2.4-LB	Enhance Tributary Confluence of Waynita Creek	Project should include as appropriate: improved fish passage, riparian restoration, placement of large wood, and creation of cool-water refuge pools.	S	Tier 1	Bothell		Reconnect and enhance creek mouths
Capital	Restoration	SR-0.7-1.2-RB	Squire's Landing Park Wetland and Stream Restoration	Restore upland, riparian, wetland and instream habitat in the 42-acre Squire's Landing Park at the confluence of Swamp Creek and the Sammamish River, creating a diversity of floodplain and instream habitat.	S	Tier 1	City of Kenmore; Adopt A Stream Foundation		Protect and restore functional riparian vegetation; protect and restore floodplain connectivity; protect and restore cold water sources and reduce thermal barriers to migration
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

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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	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	Seattle Public Utilities	\$7,500,000	Reconnect and enhance small creek mouths
Capital	Restoration	LW-S3-3	Clarke Beach Park Shoreline Restoration	Remove 700 linear feet of concrete and rock bulkheads, a sheetpile wavebreak, and a fill jetty. Grade the shoreline to create a shallow beach and nourish with gravels, place large wood, and replant with native species.	M	Tier 1	City of Mercer Island	\$2,000,000	Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S4-1	Lake Washington Boulevard Restoration	Remove concrete debris and blackberry bushes, regrade and re-establish native trees and shrubs on the shoreline boulevard from East Pine Street to the Madrona Drive intersection (north of the bus circle).	M	Tier 1	City of Seattle		Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S3-4	Newcastle Beach Park Restoration	Remove bank hardening and bulkheads, plant riparian vegetation, and protect existing riparian area.	M	Tier 1	Bellevue		Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S4-3	Chism Beach Shoreline Restoration	Remove bulkhead and place gravels to create a more gradual shoreline. Potential to remove up to 500 feet of armoring and improve shoreline function, while maintaining park use and access.	M	Tier 1	Bellevue		Restore shallow water rearing and refuge habitat

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Capital	Restoration	LW-S4-4	Luther Burbank Shoreline Restoration	Remove bulkheads, nourish the shoreline, and plant native vegetation to improve lakeshore rearing and refuge habitat. Multiple phases target up to 4,000 linear feet.	M	Tier 1	Mercer Island		Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S4-5	Clyde Beach Park Shoreline Restoration	Remove bulkhead and place gravels to create a more gradual shoreline. Potential to remove up to 100 feet of armoring and improve shoreline function, while maintaining park use and access.	M	Tier 1	Bellevue		Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S4-6	Meydenbauer Beach Shoreline Restoration	Remove bulkhead and place gravels to create a more gradual shoreline. Potential to remove up to 350 feet of shoreline armoring while maintaining park use and access.	M	Tier 1	Bellevue		Restore shallow water rearing and refuge habitat
Capital	Restoration	LW-S6-4	Matthews Beach Creek Restoration	Feasibility study and analysis of options for shoreline and creek mouth restoration near Matthews Beach Park. Possible restoration elements could include replaced culvert at NE 93rd St., re-aligned creek channel, riparian revegetation, property acquisition from willing sellers, and shoreline restoration. The project area is partially within Matthews Beach Park and bordered by Burke Gilman Trail to the north, Sandpoint Way NE to the west, NE 90th Pl to the south and Lake WA to the east.	M	Tier 1	Seattle Public Utilities	\$15,000,000	Reconnect and enhance creek mouths
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	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	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	City of Kirkland	\$5,600,000	Protect and restore functional riparian vegetation; restore shallow water rearing and refuge habitat
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	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

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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	Sammamish	\$4,000,000	Reconnect and enhance creek mouths
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	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	Corps of Engineers		Improve juvenile and adult survival at the Ballard Locks
Capital	Restoration	PS-1	Feeder Bluff Restoration Feasibility Study	Nearshore feasibility assessment to identify potential beach nourishment locations and develop beach nourishment designs for restoration implementation.	M	Tier 1	King County	\$300,000	Restore natural marine shoreline
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	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	Snohomish County	\$14,000,000	Reconnect and enhance creek mouths; reconnect backshore areas and pocket estuaries
Capital	Acquisition and Restoration	PS-4	Meadowdale Marina (aka Haines Wharf) Acquisition and Removal	Acquire and remove the dilapidated marina structure. The site is a total of 2.17 acres, with the buildings/wharfs representing approx. 1.7 acres of over-water structures.	M	Tier 1	Edmonds	\$4,600,000	Remove/reduce impact of overwater structures; restore natural marine shorelines
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	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	Seattle Parks	\$900,000	Reconnect and enhance creek mouths; 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	Sponsor(s)	Total Project Cost	Strategy
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	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
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	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	Snohomish County	\$2,500,000	Remove fish passage barriers
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	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	Snohomish County	\$1,000,000	Protect and restore forest cover and headwaters areas
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	Snohomish County	\$1,500,000	Protect and restore forest cover and headwaters areas
Capital	Restoration	EC-1-BB	Riparian Restoration and Invasive Species Control – Evans 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	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

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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	Forterra	\$400,000	Improve water quality
Capital	Restoration	T3-3	Hole in the Sky Park Habitat Enhancements	Construct a fish passable roughened channel on the west side of the pond that contains boulder chutes, pools, and riffle sequences and fill the existing pond outlet and immediate downstream channel that contain barriers to fish passage (located along Great Dane Creek; WDFW Site ID 999648).	S	Tier 3	Snohomish County	\$775,000	Remove fish passage barriers
Capital	Restoration	T3-4	Cutthroat Creek Restoration	Implement stream, riparian, and upland restoration on Cutthroat Creek, including wood placement to increase hydraulic diversity and structure and to build/maintain channel grade at the new Maltby Area Community Park. The project will implement improvements to stream habitat, restore 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	Snohomish County	\$330,000	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	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	Multiple stakeholders		
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	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	Multiple stakeholders		

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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	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	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	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	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	Local gov't. & Lead entity		