WRIA 8 Salmon Habitat Project List

Lake Sammamish

Wednesday, August 30, 2017

APPLICABLE STRATEGIES LEGEND:


Protect and restore floodplain connectivity


Protect and restore cold water sources and reduce thermal barriers to migration


Protect and restore forest cover and headwater areas


Protect and restore marine water and sediment quality, especially near commercial and industrial areas


Protect and restore functional riparian vegetation


Improve juvenile and adult survival at the Ballard Locks


Provide adequate stream flow


Improve water quality


Protect and restore channel complexity


Reduce predation on juvenile migrants and lake-rearing fry


Restore sediment processes necessary for key life stages


Integrate salmon recovery priorities into local and regional planning, regulations, and permitting (SMP, CAO, NPDES, etc.)


Restore shallow water rearing and refuge habitat


Remove (or reduce impacts of) overwater structures


Restore natural marine shoreline


Continue existing and conduct new research, monitoring, and adaptive management on key issues


Reconnect and enhance creek mouths


Remove fish passage barriers


Reconnect backshore areas and pocket estuaries


Increase awareness and support for salmon recovery

Mouth of Issaquah Creek Habitat Enhancement			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-1		Project would primarily consist of bank and in-water revegetation at the mouth of the creek. Site is currently heavily impacted by human use. Could benefit from restoration, especially north of the creek.	Mountains to Sound Greenway Trust implementing restoration plantings in this area—additional enhancement opportunities remain.	 Riparian Vegetation  Channel Complexity
Four-Year Work Plan?	Project Location				
No	Issaquah				
Estimated Project Costs					
Acquisition	Restoration	Total			

Ebright Creek Acquisition and Enhancement			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-2		Acquire up to six acres along lower Ebright Creek and enhance mouth of creek and shoreline of Lake Sammamish.	Project identified in Kokanee Blueprint	 Creek Mouths  Rearing & Refuge Habitat
Four-Year Work Plan?	Project Location				
Yes	Sammamish				
Estimated Project Costs					
Acquisition	Restoration	Total			

Laughing Jacobs Creek Mouth and Lower Channel Restoration			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-3		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.	Current alignment of Laughing Jacobs downstream of East Lake Sammamish Parkway is highly armored and confined by private residences. Relocating the channel will offer greater complexity and channel/floodplain interactions, benefitting Chinook and kokanee. Project is a viable restoration opportunity regardless of the potential for a future re-route of the lower channel due to inflows from Many Springs Creek. Identified as a priority in the Kokanee Blueprint.	 Creek Mouths Channel Complexity
Four-Year Work Plan?	**Project Location**				
Yes	Issaquah				
Estimated Project Costs					
Acquisition	**Restoration**	**Total**			

Schneider Creek Mouth Restoration			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-4		Schneider Creek flows into Lake Sammamish along the boundary between City of Issaquah's Sammamish Cove Park and a private parcel. Conduct a feasibility study to determine potential for meandering and restoring the creek downstream of I-90, through City-owned property.		 Creek Mouths Channel Complexity
Four-Year Work Plan?	**Project Location**				
No	Issaquah				
Estimated Project Costs					
Acquisition	**Restoration**	**Total**			

Vasa Creek Mouth Restoration			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-5		Restore the mouth and surrounding area of Vasa Creek.	Involves private properties, and willingness to participate is uncertain. Project is identified in the Kokanee Blueprint.	 Creek Mouths
Four-Year Work Plan?	Project Location				
No	Bellevue				
Estimated Project Costs					
Acquisition	Restoration	Total			

Phantom Creek Habitat Protection			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-6		One relatively large parcel exists at the mouth of Phantom Creek that would be ideal for acquisition and possible restoration.		 Creek Mouths
Four-Year Work Plan?	Project Location				
No	Bellevue				
Estimated Project Costs					
Acquisition	Restoration	Total			

Protect and Restore Semi-Natural Shoreline South of Weber Point			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-8		Acquire easement and restore area south of Weber Point and between the lake and the East Lake Sammamish Trail easement.		 Rearing & Refuge Habitat
Four-Year Work Plan?	Project Location				
No	Sammamish				
Estimated Project Costs					
Acquisition	Restoration	Total			

Forested Buffer Protection			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-7		Acquire private land to protect forested buffers in vicinity of Phantom Creek.		 Riparian Vegetation
Four-Year Work Plan?	Project Location				
No	Bellevue				
Estimated Project Costs					
Acquisition	Restoration	Total			

Protect and Restore Inglewood Hill Shoreline			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-9		Located at the end of Inglewood Hills Road, the majority of shoreline here is in King County ownership (East Lake Sammamish trail). For private properties, pursue easements that would allow for restoration of shoreline and riparian vegetation.	Explore potential for restoration of mouth of small tributary that enters lake at this location.	 Riparian Vegetation
Four-Year Work Plan?	Project Location				
No	Sammamish				
Estimated Project Costs					
Acquisition	Restoration	Total			

Restore Semi-Natural Shoreline North of Weber Point			Description	Opportunities, Constraints, and other Considerations	Applicable Strategies
Project Number	LS-10		Much of the shoreline is in public ownership. Restore the shoreline to enhance rearing and refuge habitat for juveniles.	City of Sammamish owns and manages much of this section of shoreline as Sammamish Landing Park.	 Rearing & Refuge Habitat
Four-Year Work Plan?	Project Location				
No	Sammamish				
Estimated Project Costs					
Acquisition	Restoration	Total			