## Updated: May 23, 2013 Three-Year Watershed Implementation Priorities - Puget Sound Salmon Recovery Plan WRIA 9 Habitat Work Schedule for Green/Duwamish and Central Puget Sound Watershed

													2	014	20	)15	20	16	
Project Name	Priority	Project Description	l ikely sponsor	Total cost of first three	Local Share	SREB / PSAR	Source of Funds	Primary Limiting	l Habitat Type	Activity Type	Primary Species	Secondary	Year 1 Scope	Year 1 Cost	Year 2 Scope	Year 2 Cost	Year 3 Scope	Year 3 Cost	Likely end date
Project Name		Project Description	LIKELY Sponsor	years/phases		JAR D/ PJAR	13001Ce of Pullus	ractors	Thabitat Type	Activity Type	Primary Species	Species	Tear 1 Scope	Tear I Cost			Tear 5 Scope		enu uate
Capital Projects																			
Duwamish Subwatershed: Enla	rge Duwan	nish estuarine transitio	on zone habitat by	expanding shallow	v water and slow v	water areas, and e	expand/enhance	Τ		1	1	1							
the estuary, particularly vegeta	ted shallow	subtidal and intertida	I habitats and bra	ckish marshes. VS	P perameters for	this subwatershee	d focus on												
North Wind's Weir (Project, DUW-10) COMPLETED!	1	Shallow Water Habitat Rehabilitation at RM 6.3: Create two acres of off-channel, shallow water habitat in the transition zone	King County	\$3,200,000	\$1,974,000	\$950,000 (2007)	) King County \$325,000; US ACOE \$1,600,000; KCD \$325,000	Reduced habitat capacity. Competition with Hatchery origin juveniles.	Transitions zone estuary.	Shallow water habitat restoration.	Chinook	Steelhead, Bull trout, Orca	Monitoring	\$20,000	Monitoring	\$20,000	Monitoring	\$20,000	2014
Duwamish Gardens Shallow Water Habitat Creation at RM 7.0 Project DUW-7) Acquisition Completed!	1	Acquire land within transition zone in order to create shallow-water habitat.	Tukwila r r	\$2,846,000	\$1,000,000	\$1,500,000		Reduced habitat capacity. Competition with Hatchery origin juveniles.	Transitions zone estuary.	Shallow water habitat restoration.	Chinook	Steelhead, Bull trout, Orca							
Duwamish Gardens Shallow Water Habitat Creation at RM 7.0 Project DUW-7) Restoration in design phase; 30%design expected June 30, 2013	1	Restore estuarine transition zone habitat to provide critical habitat for juvenile salmon in the Duwamish Transition Zone.	Tukwila	\$3,300,000	\$150,000	\$1,000,000	) SRFB 2010 \$197299; KCD \$150,000 (2010),	Reduced habitat capacity. Competition with Hatchery origin juveniles.	Transitions zone estuary.	Shallow water habitat restoration.	Chinook	Steelhead, Bull trout, Orca	Construction	\$2,000,000	Revegetation finalized/stewar dship and maintenance	\$20,000	Stewardship and maintenance	\$0	2015
Duwamish Revegetation (Program WW-5)	1	Plant native trees in the riparian zone/floodplain of the Green River and Soos Creek	King County	\$150,000	\$150,000	\$0	\$150,000	Loss of Habitat	Riparian	Riparian	Chinook	Steelhead	Construction (revegetation)	\$200,000	Construction (revegetation)	\$0	Construction (revegetation)	\$15,000	2016
Subtotals				\$9,496,000	\$3,274,000									\$2,220,000		\$40,000		\$20,000	
Lower Green River Subwatersho variety of locations, VSP peram	<u>ed:</u> Protect eters for th	t/restore refuge, habit is subwatershed focus	at complexity and on productivity.	connectivity for ju	ivenile salmon ove	er range of flow co	onditions and												
Riverside Estates Levee Setback Project (LG-1) - (Reddington Levee)	k 3	Levee setback, revegetation, benching LWD.	King County Flood , Control District (KCFCD)	1 \$3,038,983	\$3,038,983	\$ \$(	) KCFCD	Altered stream flow, channel structure& complexity, riparian areas, LWD.	Intream	Instream flow	Chinook	Steelhead, Bull Trout,Orca	Construction	\$2,748,715					2014
Riverview Park Restoration (Project LG-7) CONSTRUCTION COMPLETED 2012	1	Provide summer rearing habitat and high flow winter refuge through excavation of an off-channel area combined with placement of large	Kent	\$7,613,571	Kent (\$1,696,742)	\$150,000 (2006), 500,000 (2009),	: ACOE ; (\$4,500,000) KCD ; (\$840,000), Kent (1,696,742)	Altered stream flow, channel structure& complexity, riparian areas, LWD.	Intream	Instream flow	Chinook	Steelhead, Bull Trout,Orca	Monitoring	Funded	Monitoring	\$0	Monitoring & Adaptive Management	\$20,000	2015
Downey Farmstead Restoration Project (formerly Lower Green River Acquisition) (Project LG- 7) ACQUSITION COMPLETE	1	Acquire three properties immediately upstream of the Mullen Slough confluence and demolish buildings on one. A feasibility study will determine options for modifying Frager Road, reconnection of the upland to the river, and restoration of riparian habitat.	Kent	\$1,205,085	\$230,000	\$975,085 (2003)	) Kent \$180,000; King County \$25,000; Green River Flood Control Zone District \$25,000	Altered stream flow, channel structure& complexity, riparian areas, LWD.	Intream	Instream flow	Chinook	Steelhead, Bull Trout,Orca							

													20	014	2015		2016		
Project Name	Priority Tier	Project Description	Likely sponsor	Total cost of first three years/phases	Local Share	SRFB/PSAR	Source of Funds	Primary Limiting Factors	Habitat Type	Activity Type	Primary Species	Secondary Species	Year 1 Scope	Year 1 Cost	Year 2 Scope	Year 2 Cost	Year 3 Scope	Year 3 Cost	Likely end date
Consider Ducie also																			
Lower Green Acquisition (Downey Farmstead) (Project LG-7)-DESIGN AND CONSTRUCTION - Project currently in final design	1	The current conceptual design for this project is to excavate a perennial side channel connected to the Green River mainstem at both ends. This concept would require Frager Road S to be relocated to a location adjacent to SR 516. The channel would contain contain anchored large wood installations in the wetted channel. Stream banks would be shaped to create a stable angle of repose and be planted with native vegetation.	Kent	\$6,100,000	\$810,000	\$4,750,000	Green River Flood Control District, King Conservation District, City of Kent, King County	Altered stream flow, channel structure& complexity, riparian areas, LWD.	Intream	Instream flow	Chinook	Steelhead, Bull Trout,Orca	Final design and permitting	Funded	Construction	\$4,750,000	Construction/ Revegetation		2015
Mill Creek Floodplain Wetland and Off-Channel Habitat Rehabilitation (Project LG-7) - Leber Property - DESIGN AND CONSTRUCTION [design complete, seeking construction funding]	1	The project will construct a side- channel off of Mill Creek, providing 2 acres of floodplain habitat below the ordinary high water mark, increase floodplain refuge habitat for Chinook and other salmonids, enhance riparian habitat and increase	Kent	230000 (construction)		\$100,000 (2006), \$200,000 (proposed 2010)	APPROVED: CFT \$100,000 (2005 or 2006); City o Kent: \$100,000 (2005 or 2006	: Altered stream 5 flow, channel f structure& 0 complexity, ) riparian areas, LWD.	Intream	Instream flow	Chinook	Steelhead, Bull Trout,Orca	Complete Design & Permitting	\$0	Construction	\$3,500,000			2014
Teufel/Rosso Nursery Off- Channel Rehabilitation and Riparian Restoration Between RM 20.8 and 20 (LG-9) - ACQUISITION	1	Acquire property and rehabitate habitat by constructing an outlet at RM 20.1. Actions would include removing fill, excavating off- channel flood refugiaum for juvenile rearing habitat , a nd planting native wetland and riparian vegetation.	KCFCD,	\$3,500,000	KCFCD, CFT/Parks Levee,		KCFCD	Altered stream flow, channel structure& complexity, riparian areas, LWD.	Instream		Chinook	Steelhead, Bull Trout,Orca							
Teufel/Rosso Nursery Off- Channel Rehabilitation and Riparian Restoration Between RM 20.8 and 20 (LG-9) - RESTORATION Currently seeking design funding for 2014	1	Acquire property and rehabitate habitat by constructing an outlet at RM 20.1. Actions would include removing fill, excavating off- channel flood refugiaum for juvenile rearing habitat , and planting native wetland and riparian vegetation.	KCFCD,	\$2,500,000	KCFCZD, King Conservation District		KCFCD	Altered stream flow, channel structure& complexity, riparian areas, LWD.	Instream		Chinook	Steelhead, Bull Trout,Orca	Design	\$300,000	Design		Construction	\$2,000,000	2013
Mainstem Maintenance (Project LG-10) - Boeing Levee Setback- initial design by USACOE in partnership with Kent began in 2013	2	Boeing Levee Setback and Restoration between RM 18 and 17.1 to enable extensive habitat rehabilitation.	Kent & USACOE	\$12,000,000	\$4,000,000	\$8,000,000	GRFCZD, KCD, Kent, ACOE	Altered stream flow, channel structure& complexity, riparian areas, LWD.	Instream	Instream flow	Chinook	Steelhead, Bull Trout,Orca	Design and permitting	\$300,000	Complete Construction/Mo nitoring	\$8,000,000	Monitoring	\$50,000	2016
Desimone Levee (Project LG- 13) -	3	Levee setback, revegetation, benching, LWD.	King County	\$2,844,256			KCFCE	Altered stream flow, channel structure& complexity, riparian areas, LWD.	Intream	Instream flow	Chinook	Steelhead, Bull Trout,Orca	Design	\$80,607	Engineering, design, permitting.	\$898,673	Construction	\$1,864,976	2015
Subtotals				\$38,801,895	\$3,781,256	\$1,225,085	\$							\$680,607		\$17,148,673		\$3,934,976	
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				Total cost of															
Project Name	Priority	Project Description	l ikely sponsor	first three	Local Share	SDER /DSAD	Source of Funds	Primary Limiting	Habitat Type	Activity Type	Brimary Species	Secondary	Vear 1 Scope	Vear 1 Cost	Vear 2 Scope	Vear 2 Cost	Vear 3 Scone	Vear 3 Cost	Likely end date
	Their	Troject Description	Encry Sponsor	years, phases		DIG D/T DAIX	bource of Funds	Tuctors	Thubitut Type	Freedomey Type	Trindi y opecies	opecies	Tear 2 Scope				Teur 9 Scope		
Capital Projects																			
Nearshore Subwatershed: Prote	ct, restore	, or rehabilitate: sedim	ent transport pro	cesses by reconnec	ting sediment so	urces and removi	ng shoreline												
armoring; pocket estuaries, lago productivity.	ons, and s	pits; and sediment qua	llity, particularly i	n Elliott Bay. VSP p	erameters for this	s subwatershed fo	ocus on												
Pier 90 Shallow Water Habitat Rehabilitation (NS-1)	1	Protect and expand that area of shallow water habitat. The land comprising shoreline east of Pier 90 would need to be purchases. The riprap and fill would be moved in order to create additional shallow water habitat and the shoreline planted with rinarian venetation.	City of Seattle	\$2,500,000				Loss of habitat,	Nearshore beach.	Nearshore.	Chinook	Orca, forage fish	Feasibility, Technical Design	\$500,000	Design and permitting	\$750,000	Construction	1,250,000	2015
Myrtle Edwards Park Small Pocket Beaches/Shallow Water Habitat Rehabilitation (NS-2)	1	Create pocket beaches in Myrtle Edwards Park on Elliott Bay in Seattle. Riprap armoring would be removed and the slopes would be graded back to create natural slopes. Pocket beaches have a mix of sediments placed on thesm. Riparian area would be planted with native vegetation. A shallow water bench mav also be	City of Seattle	\$6,000,000				Loss of habitat,	Nearshore beach.	Nearshore.	Chinook	Orca, forage fish	Feasibility, Technical Design	\$500,000	Design and permitting	\$750,000	Construction	\$4,000,000	2015
Elliott Bay Shoreline Enhancements(Project NS-4) -	1	Create shallow water habitat benches and fish friendly structures along the waterfront, install a shoreline beach. This would open up a migration corridor and increase the amount of shallow water are for juvenile Chinook foraging.		\$56,000,000	unknown	unknowr	n unknown	Loss of habitat	Nearshore beach.	Nearshore.	Chinook	Orca, forage fish	Construction	\$5,600,000	Construction		Construction/Mo nitoring		2016
Beaconsfield-On-The-Sound (project NS-11) - Acquisition	1	Purchase and restore one of the last major privately-held undeveloped feeder bluffs along the mainland marine shoreline.	Normandy Park	\$1,000,000	\$70,500	\$50,873 (2005 2006); \$100,000 (2006), \$380,739 (2007)	Cascade Land Conservancy \$2,977 (2005), KCD \$64,500 (2006); Normandy Park \$6,000 (2005), CFT (2008 submitted)	Loss of habitat,	Nearshore beach.	Nearshore.	Chinook	Orca, forage fish	Acquisition	\$600,000	Acquisition	\$300,000	Revegetation	\$250,000	unknown
Piner Point Restoration Bulkhead Removal (Project NS- 17) - Restoration	1	Remove creosote bulkhead,	King County	\$243,894	\$243,894		) King Conservation District \$180,000 (2010) and King County (63,894)	Loss of habitat,	Nearshore beach.	Nearshore.	Chinook	Orca, forage fish							
Dockton Heights- Restoration - CONSTRUCTION IN 2013	3	Remove creosote pilings, restore shoreline		\$490,000	490,000		) Dalco Oil Spill Mitigation Funding	Loss of habitat,	Nearshore beach.	Nearshore.	Chinook	Orca, forage fish	Construction		Monitoring		Monitoring		
Maury Island Gravel Pit Acquisition (NS-17) - completed!	1			\$39,000,000	19,000,000	(	0 \$19,000,000 Conservation Futures, \$18,000,000 WA ASARCO settlement, \$2,000,000	Loss of habitat,	Nearshore beach.	Nearshore.	Chinook	Orca, forage fish							
Maury Island Fill Removal (NS- 20) - (remnant dock footing)	2			\$150,000	80,000		\$80,000 SWM	Loss of habitat,	Nearshore beach.	Nearshore.	Chinook	Orca, forage fish			Design and permitting	\$80,000	Construction	\$200,000	2016

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Project Name	Priority	Project Description	l ikely snonsor	Total cost of first three years/phases	Local Share	SREB/PSAR	Source of Funds	Primary Limiting	l Habitat Type	Activity Type	Primary Species	Secondary	Year 1 Scope	Year 1 Cost	Year 2 Scope	Year 2 Cost	Year 3 Scope	Year 3 Cost	Likely end date
		Project Description	Likely sponsor	years/phases		SKI D/ PSAK	Source of Fullus	Factors	Thabitat Type	Activity Type	Prinary Species	Species		Teal I Cost					
Capital Projects																			
Burien Seahurst Park Shoreline Restoration, Phase II (Project NS-5 ) - CONSTRUCTION TO BEGIN Fall 2013	1	Continue shoreline restoration actions conducted in southern portion of Seahurst Park in Burien by removing a portion of shoreline armoring in the central area of the park, restoring natural beach slopes, and adding riparian venetation.	Burien	\$5,675,000	\$4,225,000	\$750,000 (2010	) KCD (\$510,000), ESRP (\$700,000), SRFB 2009 (\$750,000), USACE (\$3715,000)	, Loss of habitat,	Nearshore beach.	Nearshore.	Chinook	Orca, forage fish	Construction (construction to begin 2013, with remainder of work in 2014)	\$6,500,000	Revegetation, stewardship and monitoring	\$50,000	Monitoring	\$50,000	Constructio n complete in 2014, monitoring complete in 2017
Point Robinson Estuary Restoration	1	Sallt Marsh Reconnection and Improvements	King County	\$500,000				Loss of habitat,	Estuary and salt marsh	Nearshore.	Chinook	Orca, forage fish	Design and Pre- Construction Monitoring	\$100,000			Construction	\$400,000	2015
Cove Creek - Restoration (NS-7	) 1	Fish blockage removal and pocket estuary restoration. Project would restore the mouth of Cove Creek and move the stream crossing upstream. The northern half of the bulkhead would be removed and stream mouth area replanted	King County	\$487,000.17			CFT, NOAA, PEL, SRFE	, Loss of habitat,	Estuary and fish blockage removal	Nearshore.	Chinook	Orca, forage fish	Design and Pre- Construction Monitoring	\$100,000	Acquisition (see separate project below)	\$387,000.17	Monitoring		
Cross Landing Estuary (NS-17) Restoration	- 1	Restoration of the pocket estuary is dependent upon acqusition.	King County	\$50,000				Loss of habitat,	Estuary and fish blockage removal	Nearshore.	Chinook	Orca, forage fish			Design and permitting	\$100,000.00	Construction (revegetation )	\$400,000	
Raab's Lagoon Restoration - Pocket Estuary Restoration (plant shoreline) (NS-17)	2	Revegetation	King County	\$100,000	\$0	\$0	0 King County SWM (\$100,000)	l Loss of habitat	Nearshore estuary	Nearshore.	Chinook	Orca, forage fish	Construction (revegetation 2011 and 2012)	\$100,000	Monitoring and Maintenance		Monitoring and Maintenance		
McSorley Creek at Saltwater State Park - Design (NS-15) Design proposed to begin in 2013	1	Removal of nearshore armoring, enhance fish passage																	
Maury Island Marine Park (NS- 17)	2	Invasive Removal and Revegetation.		\$1,200,000			King County SWM (\$1,200,000)	1 Loss of habitat	Nearshore	Revegetation/ invasive control	Chinook	Orca, forage fish	revegetation underway						
Functioning Nearshore Habitat on Vashon/Maury Island - Portage (Project NS-17)	1	Reconnect salt marsh to Puget Sound	King County	\$400,000			ESRP, SRFB, NOAA, King County	, Loss of habitat	Salt Marsh	Nearshore.	Chinook	Orca, forage fish	Feasbility		Acquisition		Design		
Restoration of shoreline between Piner Point and Northilla	1	Nearshore restoration	King County	\$600,000			Conservation Futures, King County,		Nearshore feeder bluff	Restoration	Chinook	Orca, forage fish					Design		
Maury Island Revegetation	2	Revegetation at Glacier Pit.		\$500,000			King County SWM (\$10,000)	Loss of habitat	Nearshore estuary and riparian	Nearshore.	Chinook	Orca, forage fish	(revegetation 2011 and 2012)	\$30,000	Construction (revegetation)	\$40,000	Construction (revegetation )	\$100,000	

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Project Name	Priority	Broject Description	Likely sponsor	Total cost of first three	Local Share		Source of Funds	Primary Limiting	Habitat Type		Primary Species	Secondary	Vear 1 Scope	Voar 1 Cost	Voor 2 Scope	Year 2 Cost	Vear 3 Scope	Year 3 Cost	Likely
Project Name	Tier	Project Description	LIKELY Sponsor	years/phases	Local Share	SKEB/PSAK	Source of Funds	Factors	Habitat Type	Activity Type	Primary Species	Species	Tear I Scope	fear 1 Cost	rear 2 Scope	rear 2 Cost	rear 5 Scope	Tear 3 Cost	end date
Capital Projects																			
Marine Nearshore Acquisi	tion Proj	Protoct sites with high	Normandy Park	¢1 100 000	_			Loss of habitat	Nearshore beach	Acquisition	Chipook	Orca, forago fich	Foashility	¢125.000	Acquisition	¢2,000,000	Acquisition	¢4 500 000	2014
(Project NS -11) - ACQUISITION		habitat resource values - Southwest Drift Cell - South Shoreline		\$1,100,000					ivearshore beach.	Acquisition	CHINOOK	orca, lorage iisii	i easonity	\$125,000	Acquisition	\$2,000,000	Acquisition	\$4,500,000	2014
Functioning Nearshore Habitat Protection on Vashon/Maury Island- <u>Inspiration Pt.</u> (Project N 17) (inholdings)	2	Protect sites with high habitat resource values - Inspiration Pt.	King County	\$500,000			Conservation Futures, NOAA	Loss of habitat,	Nearshore beach.	Land acquired	Chinook	Orca, forage fish	Acquisition						2008
Functioning Nearshore Habitat Protection on Vashon/Maury Island- <u>Neill Pt.</u> (Project NS-17)	2	Protect sites with high habitat resource values - Neill Pt.	King County	\$500,000			Conservation Futures, NOAA	Loss of habitat	Nearshore beach.	Land acquired	Chinook	Orca, forage fish	Acquisition						
Functioning Nearshore Habitat on Vashon/Maury Island - Portage (Project NS-17)	3	Acquisition needed in order to reconnect salt marsh to Puget Sound	King County	\$400,000															
Functioning Nearshore Habitat Protection on Vashon/Maury Island- <u>Rabb's Lagoon</u> (Project N 17)	3 5.	Protect sites with high habitat resource values - Rabb's Lagoon	King County	\$100,000	unknown	unknown	Conservation Futures, NOAA	Loss of habitat	Nearshore beach.	Land acquired	Chinook	Orca, forage fish	Acquisition						
Functioning Nearshore Habitat Protection on Vashon/Maury Island- <u>Piner Pt.</u> (Project NS-17) Acquisition Completed!	2	Protect sites with high habitat resource values - Piner Pt.	King County				SRFB	Loss of habitat	Nearshore beach.	Land acquired	Chinook	Orca, forage fish	Acquisition						
Functioning Nearshore Habitat Protection on Vashon/Maury Island- <u>NorthIlla</u> (Project NS-17) eeking Asarco funding	2	Protect sites with high habitat resource values - NorthIlla	King County	\$1,100,000			Conservation Futures, NOAA	Loss of habitat	Nearshore beach.	Land acquired	Chinook	Orca, forage fish	Acquisition						
Functioning Nearshore Habitat Protection on Vashon/Maury Island- <u>Pt. Heyer</u> (Project NS-17 ) -	1	Protect sites with high habitat resource values - Pt. Heyer Drift Cell	King County	\$10,000,000	\$2,450,000	\$360,000	KC SWM; CFT (2008, submitted); RCO ALEA (2008, 2010 submitted; KC Park Levy (2008, 2010	Loss of habitat,	Nearshore beach.	Land acquired	Chinook	Orca	Acquisition	\$1,500,000	Acquisition	\$1,500,000	Acquisition	\$1,500,000	
Cross Landing - Acquisition (NS 17) -	- 2	Protect sites with high habitat resource values	King County	\$1,000,000	\$800,000	\$0	Conservation Futures and Parks Levy	Loss of habitat,	Nearshore beach.	Land acquired	Chinook	Orca					Acquisition	\$1,000,000	
Subtotals		1		\$111,058,894	\$220,500	\$531,612								\$15,655,000		\$2,457,000		\$6,650,000	
Porter Levee Setback and Floodplain Reconnection (Project MG-17) - DESIGN AND PERMITTING. Project is funded to 30% design, additional funding will be sought in 2013/2014 for final design	1	Remove (modify) existing levee to facilitate river connection to floodplain. LWD placement and riparian revegetation would be included	King County	\$650,000		\$200,000 (2011)	\$1,000,000 KCD; \$500,000 SWM	Loss of Habitat	Floodplain, riparian	Riparian, intream flow	Chinook	Steelhead	Design & Permitting	\$200,000	Design & Permitting	\$450,000			2014

													2	2014	201	.5	20	16	
Project Name	Priority Tier	Project Description	l ikely sponsor	Total cost of first three years/phases	Local Share	SREB / PSAR	Source of Funds	Primary Limiting	Habitat Type	Activity Type	Primary Specie	Secondary es Species	Year 1 Scope	Year 1 Cost	Year 2 Scope	Vear 2 Cost	Year 3 Scope	Year 3 Cost	Likely end date
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Capital Projects											1								
Porter Levee Setback and Floodplain Reconnection (Project MG-17) - CONSTRUCTION	1	Remove (modify) existing levee to facilitate river connection to floodplain. LWD placement and riparian revegetation would be included	King County	\$2,400,000		\$200,000 (2011)		Loss of Habitat	Floodplain, riparian	Riparian, intream flow	Chinook	Steelhead				\$1,000,000	Construction	\$2,400,000	2014
Newaukum Creek Mouth Restoration Between Creek Miles 0.0 and 4.3 (Project MG- 8) - Completed!	1	Place large woody debris and plant native trees along the lower 4.3 miles of the creek, and reconfigure the lower 1,800 feet of the creek near the mouth.	King County	\$1,175,000		\$788,581 (2004)	King County, ACOE	Riparian areas and LWD recruitment	Intream, riparian	Riparian, intream flow	Chinook	Steelhead, bull trout	Design & Permitting	\$100,000	Construction	\$1,075,000	Monitoring/Adap tive Management		
Newaukum Creek Restoration Between Creek Miles 0.0 and 14.3 - Both Banks (Project MG- 6)		Restore process-based ecological funtions that include wetland and riparian restoration along Newaukum Creek (Enumclaw Plateau).	King County	\$300,000			\$200,000 KCD; \$100,000 SWM	Loss of Habitat	Riparian	Riparian, intream flow	Chinook	Steelhed	Construction	\$100,000	Construction	\$100,000	Construction	\$100,000	Ongoing
Middle Green Riparian Revegetation(Program WW-5)		Plant native trees in the riparian zone/floodplain of the Green River and Soos Creek	King County	\$200,000			\$200,000; SWM \$50,000	Riparian areas and LWD recruitment	Riparian	Riparian	Chinook	Steelhead	Construction	\$150,000	Construction	\$150,000	Construction	\$150,000	Ongoing
Setback and Removal Pautzke Levees to Reconnect the Floodplain and Allow Channel Migration near RM 32(Project MG-18) Completed!	1	Fenster Levee Phase IA - Remove levees, lower the elevation of terraces and construct engineered logjams to reinstate floodplain connectivity and channel migration.	Auburn, King County	\$1,400,000		\$675,900 (2005- 2006)	Green River Flood Control Zone District \$90,000; City of Auburn \$33,000	Channel structure/complexi ty.	Intream, riparian	Riparian, intream flow	Chinook	Steelhead, bull trout	Construction	\$1,225,000	Monitoring/Adap tive Management	\$75,000	Monitoring/Adap tive Management	\$75,000	2008
Setback and Removal of Fenster Levees _Phase 1 to Reconnect the Floodplain and Allow Channel Migration near RM 32 (Project MG-18) Construction completed!	1	Pautzke Levee - Remove levees, lower the elevation of terraces and construct engineered logjams to reinstate floodplain connectivity and channel migration. Phases A - E.	King County	\$3,500,000				Channel structure/complexi ty.	Intream, riparian	Riparian, intream flow	Chinook	Steelhead, bull trout			Design & Permitting	\$100,000	Construction	\$3,400,000	
Setback and Removal of Fenster Levees _Phase 2 to Reconnect the Floodplain and Allow Channel Migration near RM 32(Project MG-18) Currently in design Construction planned for 2013	1	Fenster Levee Phase IB - Remove levees, lower the elevation of terraces and construct engineered logjams to reinstate floodplain connectivity and channel migration.	Auburn, King County	\$600,000 - \$800,000		\$250,000 (2007)		Channel structure/complexi ty.	Intream, riparian	Riparian, intream flow	Chinook	Steelhead, bull trout			Design & Permitting	\$150,000	Construction	\$650,000	2010
Big Spring Creek Acquisition (Project MG-7) - Completed	1		King County	\$2,115,000				Stream flow patterns. High H2O temperature.	Intream, riparian	Water quality	Chinook	Coho							
Big Spring Creek Restoration (Project MG-7)	1	Construct new stream channel to replace ditch. Connect coldwater springs to Newaukum Creek.	King County	\$4,079,728	\$4,019,728	\$60,000	KCD:	Stream flow patterns. High H2O temperature.	Intream, riparian	Water quality	Chinook	Coho	Construction	\$1,973,000	Construction	\$785,000	Construction	\$285,000	2014
Subtotals				\$20,520,000															1
Totals	1			\$39,924,586									1						1
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Project Name	Priority Tier	Project Description	Likely sponsor	Total cost of first three years/phases	Local Share	SRFB/PSAR	Source of Fund	Primary Limiting s Factors	l Habitat Type	Activity Type	Primary Species	Secondary Species	Year 1 Scope	Year 1 Cost	Year 2 Scope	Year 2 Cost	Year 3 Scope	Year 3 Cost	Likely end date
Capital Projects																			
Non Capital Programs-Not	Prioritized																		
Lead entity coordination			Lead entity	\$225,000									Staffing (1 FTE)	\$75,000	Staffing (1 FTE)	\$75,000	Staffing (1 FTE)	\$75,000	Ongoing
Seahurst Environmental Learning Center (annual basis)			City of Burien and Environmental Science Center	\$30,000															
Project Management and Public Outreach			WRIA Staff																
Stewardship & Educational Outreach			WRIA Staff																
Promote Planting of Native Trees - Soos Creek and Tributaries Knotweed and Ripairan Habitat Revegetation, Mainstem River (RM 59-RM?) Knotweed Removal and Riparian Habitat Revegetation		Removal knotweed and revegetation using native trees within riparian buffer.	Multiple stakeholders																
Increase/Expand Natural Yard Care Programs			Multiple stakeholders																
Conduct Shoreline Stewardship Workshops and Outreach - Beach/Bluff Educational Programs, including HPA education to agency staff and citizens.			Multiple stakeholders																
Citizen Volunteer Forage Fish Monitoring Program			Multiple																
Expand/Improve Incentives Programs			Multiple stakeholders																
Work with Co-Managers to integrate Hatchery & Harvest Practices with Habitat Plan Objectives			Multiple stakeholders																

Legend: Completed projects New Projects added to this year's workplan

Active Projects - actively acquiring parcels, in design or construction