2009 Narrative to South Puget Sound 3-Year Project List

For the purposes of recovery and sustainability planning "South Sound" is defined as that area of Puget Sound south of the Tacoma Narrows that includes the marine, near-shore, estuaries, and freshwater environments. This area includes: all of WRIA's 11, 13, and 14, and portions of WRIA's 10/12 and 15; portions of Kitsap, Mason, Pierce and Thurston Counties as well as numerous cities and municipalities as well as portions of the usual and accustomed areas for the Nisqually, Puyallup, and Squaxin Island Tribes.

Numerous local groups work together to collaborate on recovery and sustainability issues including: the South Sound Core Group, the South Sound Salmon Recovery Group, and the South Sound Salmon Technical Group.

The South Puget Sound Core Group provides policy level direction and oversight. The stated purpose of this group is to: 1. help steer the development and implementation of the Puget Sound Partnership action agenda as it pertains to South Sound in the near-term; 2. enhance regional collaboration for management of the South Puget Sound ecosystem for the longer term. The group consists of members from:

- Puget Sound Partnership Ecosystem Coordination Board
- Pierce County
- Thurston County
- Mason County
- Kitsap County
- City of Olympia
- Port of Shelton
- Port of Olympia
- City of Shelton
- City of University Place
- City of Tacoma
- City of Lacey
- Key Peninsula/Gig Harbor/Islands Watershed Council
- Squaxin Island Indian Tribe
- Nisqually Indian Tribe
- Puyallup Indian Tribe
- Citizens for a Healthy Bay
- Coalition for Clean Water
- Tacoma/Pierce County Health Department
- Nisqually River Council
- South Puget Sound Salmon Enhancement Group
- Chambers-Clover Watershed Council
- MetroParks Tacoma
- Fort Lewis, McChord Military Bases
- Cascade Land Conservancy
- Town of Steilacoom
- People for Puget Sound
- Puget Sound Partnership
- Department of Ecology

- Department of Fish and Wildlife
- Mason Conservation District
- Thurston Conservation District
- Pierce Conservation District
- WSU Extension

The South Sound Salmon Recovery Group is a local planning group consisting of members from Kitsap, Mason, Pierce and Thurston Counties, the Nisqually, Puyallup and Squaxin Island Tribes, WRIA's 10/12, 11, 13, 14, and 15, the South Puget Sound Salmon Enhancement Group, and the Washington Department of Fish and Wildlife. The goal of this group is to coordinate protection and restoration efforts in South Sound concerning salmon populations.

The South Sound Salmon Technical Team consists of representatives from Pierce and Thurston Counties, the Nisqually and Squaxin Island tribes, the Washington Department of Fish and Wildlife, and the South Sound Salmon Enhancement Group. This group provides input at a technical level for South Sound salmonid issues and coordinates with the technical teams of the various WRIA's and State and Federal agencies.

Salmon Recovery

The goal of the South Puget Sound Salmon Recovery Group is to use an ecosystembased, multi-species approach to restore all salmonid species in the South Sound to a sustainable, harvestable level by ensuring that there are properly functioning near-shore and freshwater habitats that serve their spawning, rearing, refuge, feeding, physiological transition, and migratory needs.

The South Sound Salmon Technical team produced the Chinook and Bull Trout Recovery plan. This work, subsequently adopted by NOAA Fisheries, addressed near-shore habitat south of the Tacoma Narrows. The group continues to refine the document by adding additional levels of detail and producing new tools to select and prioritize nearshore projects. The South Sound Recovery Plan identified and addressed the following human-induced stressors that are contributing to the status of the salmon in the nearshore and the hypothesized effect on the Viable Salmonid Population:

- Shoreline Armoring
- Overwater Structures and Ramps
- Stormwater and wastewater
- Riparian Loss
- Wetland and Estuarine Modification
- Boat Traffic
- Invasive Species
- Shellfish Aquaculture

The South Sound Technical Group, in conjunction with the lead entities technical and citizens committees, have devised and adopted a process for prioritizing projects in South

Sound that are deemed to be of regional significance at a South Sound wide scale regardless of WRIA boundaries. This is envisioned to be an interim method of dealing with South Sound wide projects.

The technical group is continuing to expand their analysis beyond the submitted recovery chapter to include understanding of how habitat alterations have affected the Viable Salmonid Population parameters for multiple species, hypothesized use of the near-shore by salmonids, and interactions between hatchery and naturally produced fish. They have included as a programmatic action an ongoing facilitation of the technical committee, further development of the stressor models to be more explicit about effects on VSP parameters, and additional GIS data development. A future outcome of the technical committee will be the development of an adaptive management plan.

The submitted 3-year project list includes actions that address the nearshore stressors. We hypothesize that these projects will benefit multiple species, including Chinook, bull trout, coho, chum, pink, steelhead, other salmonids, and forage fish.

In addition to the nearshore actions, we include freshwater actions that address habitat concerns identified in limiting factors reports and lead entity strategies that directly affect marine water quality. A hypothesized list of the species benefited is included on the list for each freshwater project.

The intent of the 3-year list is to provide a strategic short term frame work that is based upon the long term goals contained in the South Puget Sound Chinook Recovery Plan and the various lead entity strategies. It must be noted that the list is designed to be a clearing house of projects for all cooperating South Sound entities to access and is designed for multiple funding sources. To be placed on the list a project must, in general, meet minimum criteria including: have a sponsor willing to do the work in the next three years, have some form of landowner willingness, be part of a strategy or plan that has ranked the project as "tier 1", "high priority" or other form of high ranking. Funding constraints and species targeted are not considered for inclusion on the list.

2008-2009 Progress Update

Specific accomplishments of the South Sound groups over the last year include:

- Hosted a second South Sound Science Symposium
- Produced a draft GIS based nearshore project selection tool
- Produced a draft project evaluation tool
- Obtained a grant to facilitate a meeting to foster cooperation among South Sound Salmon Recovery group members
- Applied for a grant to help foster the formalization of a South Puget Sound group

In the evaluation of the 2008 Three Year Work Program Update, the RITT provided watershed-specific comments that identified four issues that need further advancement.

• Project prioritization and sequencing needs additional refinement to demonstrate priorities within tier 1 projects.

- Develop a better mechanism and system for documenting and tracking projectspecific and overall recovery implementation progress among the South Sound watersheds.
- Identify, develop, and document strategy for addressing capacity needs.
- Continue to increase coordination among South Sound partners.

Issues We Have Advanced During 2008-2009

Project Prioritization and Sequencing: The RITT has identified the need for better refinement of the South Sound project prioritization and sequencing efforts. The South Sound Salmon Recovery Group has developed two draft tools over the last year to assist in this regard.

- 1. Project evaluation tool- this allows us to distinguish Projects of Regional Significance and Projects of Local Significance. Projects are evaluated based on the degree of habitat stressor removed, the number of different habitat types that will be restored, and project readiness. Projects of Regional Significance are those that completely remove stressors impacting multiple habitat types, and are well developed and nearly ready for construction. Information is displayed in a matrix format that places projects in bins that can be used for prioritization.
- 2. Nearshore project selection tool- this is a GIS based modeling exercise that rates and prioritizes the entire South Sound nearshore at the Shore Zone unit level. In essence this is a refinement of the mapping exercise that was conducted for the Chinook and Bulltrout recovery document. A suit of beneficial habitat types are identified mapped and rated. These habitat types include: salt marsh, sub-tidal vegetation, eelgrass, forage fish spawning, pocket estuaries, and proximity to salmon bearing systems. Additionally stressors have been mapped and rated including: armoring, docks, piers, railroads, and riparian loss. The product can be useful for prioritizing areas for restoration and conservation actions.

Develop Project Tracking System- The South Sound partners have committed to using the newly operational Habitat Work Schedule on-line data base produced by the Washington Department of Fish and Wildlife. Currently all proposed and on going projects are being entered into the database. Based on a request from the South Sound group WDFW will be entering a field for each project that specifies regional collaborations such as ours. WDFW is currently reviewing our request to add projects that have already been completed. This system will allow us track projects from conception through completion in a single data portal.

Improved Coordination: The South Sound Salmon Recovery Group is continuing to improve coordination among its partners. We have scheduled a Strategy Workshop on June 16, 2009 to improve the organization and structure of the group around a collaborative, strategic path forward to guide how the group operates. There are three outcomes we want from the workshop.

- First, we need to articulate and formalize our organizational structure. This will help to better understand how the policy and technical groups interact and what their discreet functions are and what capacity is needed to achieve these goals. And we need to better coordinate with other groups in the South Sound and the rest of Puget Sound.
- Second, we need to help project sponsors and lead entity citizen and technical committees understand how different plans, strategies, and initiatives (Chinook Recovery Plan, Lead Entity strategies, Action Agenda, etc.) integrate with each other. This effort could include developing a South Sound Recovery Strategy that is focused on specific actions and areas, including a 10 year project list.
- Third, we need to develop a more formal process for developing a South Sound three year work program for submittal to the RITT and Puget Sound Partnership and for identifying projects of regional significance from that South Sound work program. We envision three-year-work programs broken down into projects of local significance and projects of regional significance.

Shoreline Master Program (SMP) Updates: Pierce County, Thurston County, and Cities of Lacey, Olympia and Tumwater are all in the process of updating their SMPs. The Shoreline Management Act specifically requires SMPs to include protection for salmonids and salmon habitat. As part of their update Pierce County is developing a Restoration Plan for all shorelines within their shoreline jurisdiction, including marine shorelines. Among other resources, the Restoration Plan specifically uses habitat restoration and management recommendations for Carr Inlet identified in the Access database developed by the South Sound Salmon Recovery Group.

South Sound Science Symposium: The theme of the 2009 South Sound Science Symposium was *Linking Threats to Indicators*. The purpose of the Symposium was to connect the region's scientists on ecosystem issues and questions, and explore the threats and indicators unique to South Puget Sound. The presentations addressed three main topics: physical and chemical processes; biology, ecology, and food web dynamics; and human influences and environmental stressors.

Issues Requiring Further Advancement

H-Integration: There has been no new progress toward H-Integration in the South Puget Sound marine waters. There has been progress in freshwater areas such as the Nisqually River. H-Integration typically addresses genetic impacts of harvest and hatcheries, e.g., changes to the ratio of hatchery-origin and natural-origin salmon on the spawning grounds. In marine waters H-Integration needs to focus on ecological interactions such as competition, predation, and life history characteristics. Unfortunately, the planning and modeling tools for H-Integration in marine waters are not available or are not well developed.

Adaptive Management: We have not developed an Adaptive Management Plan for the marine waters of South Sound. However, the writing of the adaptive management plan for the Nisqually River system is underway. Preliminary discussions on the development of a South Sound Adaptive Management Plan have been had by members of the technical

group and it was decided to begin this process once the Nisqually River plan has been produced.

Strategy for addressing capacity needs: We have not developed a strategy for addressing our capacity needs. In the upcoming Strategy Workshop we will work toward a more formal organization. A part of our organizational planning will include an examination of the staffing and resource needs of the South Sound effort.

Sequencing: We have not developed an accepted strategy for sequencing projects among the WRIA's. A fist attempt at this is the newly developed nearshore project selection tool which is designed to provide information on areas where projects are hypothesized to have the greatest benefit as well as provide a geographic context for project selection that should aid in sequencing.

Watershed questions- provided by the PSP

1. What are the actions and/or suites of actions needed for the next three years to implement your salmon recovery chapter as part of the regional recovery effort? The South Sound group considers that the recovery and sustainability of all salmonid species is a high priority. In an effort to prioritize the group has hypothesized that actions in the WRIA 11 freshwater as well as the marine nearshore of all of the WRIA's will have the greatest benefit to recover and sustain Chinook populations while benefiting other salmonid species as well.

The submitted 3 year list for South Sound represents the highest priority projects for the respective WRIA's as identified by modeling, strategies, and limiting factors assessments.

2. What is the status of actions underway per your recovery plan chapter? Is this on pace with the goals of your recovery plan?

Actions as identified in the recovery plan and the three year list are being implemented. Due to funding constraints we are not on goal to meeting the sequencing implied by the three year list nor are we on goal to meet the pace identified in the recovery plan. We have just begun to quantify the pace of restoration and conservation efforts in anticipation of producing an adaptive management plan.

3. What is the general status of implementation towards your habitat restoration, habitat protection, harvest management, and hatchery management goals?

Habitat Restoration:

Some progress- The identification, prioritization, and restoration of habitat has been identified as one of two primary goals for the group to focus initial resources on. The various groups have been making continuous and relatively consistent progress in this regard that is just now being quantified. Several identification and prioritization tools and assessments have been completed that will allow for the selection of high priority projects.

Habitat Protection:

Some progress- The identification, prioritization, and protection of habitat has been identified as one of two primary goals for the group to focus initial resources on. The various groups have been making continuous and relatively consistent progress in this regard that is just now being quantified. Several identification and prioritization tools and assessments have been completed that will allow for the selection of high priority projects.

Harvest and Hatchery Management:

Little progress- Some work has been done by the technical group to attempt to quantify the capacity of South Sound marine waters in regards to juvenile salmonids.

4. What are the top implementation priorities in your recovery plan in terms of specific actions or theme/suites of actions? How are these top priorities being sequenced in the next three years? What do you need to be successful in implementing these priorities? The top implementation priorities for the South Sound group are the conservation or restoration of parcels rated as the highest for juvenile salmon. These have been identified in nearshore assessments, freshwater VSP based models, lead entity strategies, and limiting factor assessments. The three year lists for the South Sound WRIA's lists a subset of these priority projects that need to be implemented to achieve salmonid recovery. Prioritization and sequencing of these projects is accomplished by the technical teams from the WRIA's and the South Sound group using: models, assessment, limiting factor studies, and the nearshore project selection tool, and the project evaluation tool.

There are two main impediments to fully implement this strategy:

- Funding- there is only a fraction of the funding needed to implement the proposed projects. This quantifying of this amount has not yet occurred.
- Formalized cooperation- currently the South Sound is an informal participatory group. Formalizing a structure that allows us to pool resources easier and prioritize regional goals would facilitate implementation of the proposed projects.

5. Do these top priorities reflect a change in any way from the previous

three-year work program? Have there been any significant changes in the strategy or approach for salmon recovery in your watershed? If so, how & why?

Priorities have not changed. One significant change in approach has been the issue of designating and funding projects deemed to be of regional significance. In 2008 all of the WRIA's that make up South Sound contributed to an estuary project in WRIA 11. This was a significant milestone in our cooperative endeavor as it represented the first time in Puget Sound that multiple WRIA's, which represent the statutorily mandated funding entity, combined on a single project. Over the last year there has been considerable interest in how WRIA's can identify projects of regional significance as well as how to sequence nearshore projects across WRIA jurisdictional boundaries.

6. <u>What is the status or trends of habitat and salmon populations in your watershed?</u> Habitat trends are unknown. We are unaware of a dataset or effort geared toward simulations tracking habitat improvements and degradation. The trends for salmon populations are variable and are tracked by the co-mangers. This information will be compiled as part of the adaptive management plan.

7. <u>Are there new challenges associated with implementing salmon recovery</u> <u>actions that need additional support? If so, what are they?</u> There are no new challenges.

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Subbasin Love	al one - Le	evel two -	et Type Film Category	Project Name	Project Description	Priority tier of project	Initing Factors	Reference Document for Insiding	Hebitat Tune	Activity Type	Project Performance (restore 30 ecres of floodoletr)	Primary Species Benefiting	Secondary Species Renefiting	Current Project Status	Yeer 1 Activity to be funded	Year 1 Estimated Budget Year 2 A	Nity to be funded Yeer 2 Estimate	Rudget Ver S Activity to be S	nded Year S Estimated Revised	Likely End Date	(Analy Sponsor	Total Cost of Project	Local share or other funding Source of funds (PSAR, SRFR, o	her) Project ID
	Nia Wi	lisqually /ildlife efuqe			This is the single most important habitat project in the Nasqually salmon recovery plan. It will remove much of the outer dike and allow the natural regeneration of estuary habitat and table channels on 760 across. This project combined with the restoration on the Titrbe's estuary lands will result in, and is the imprany opportunity for cajaditory through and capacity of Naturality.	,	Toodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Water Quality,																	
1 Prote	tonation & Res ection Pro	eruge estoration & rotection Resto	oration Capital	Nequally Refuge Estuary Restonation 760 some	estuary lands will result in, and is the primary opportunity for, significant increases in the productivity and capacity of Nisqually Chinook. Additional project element: Develop a riparian restoration project for the riparian area in the NWR to include planting a varied of native riparian trees and shub species and restoring natural hydrology on 38 acres of currently diked habitat on the Relige.	y 1	Complexity, Riparian Areas & LWD Recruitment, Water Quality, redation/Competition/Disease, Altered Stream Morphology/Stream Flow Patterns, Loss of Habitat, Reduced Habitat Capacity Floodblain Connectivity & Function, Channel Structure and		Estuary River Delta		Restore 760 acres of estuary habitat,	Chinook	Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species)	Design Completed						12/31/2010	Nisqually Wildlife Refuge/Ducks Unlimite	nd 12000000		11-ESTUARY-1001
Estu Rest	ary Rei toration & Sla	ed Salmon laugh		Red Selmon Slough Estuary Restoration Phase 3	Removal of last remaining dike on Nisqually Tribes estuary property, old bridge pilings in Red Salmon Slough and restore riparian habitat on the remaining non-saltmarsh amaa (44 acres, 38,000 plants). The dike is a raised dike for an old road and is not fully		Complexity, Riparian Áreas & LWD Recruitment, Water Quality, Predation/Competition/Disease, Altered Stream Morphology/Stream		Column Diver Date		restore full tidal exchange in Red Salmon Slough and restore 44	Chinash	Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species)	Feasibility						10.01.0010	Manual Index Taba			44 EET 110 EV 4000
Main Nisq	ually Nis	ower lisqually	Capital		impeding salt water access, but is a partial obstruction and causes a delay in tidal inundation. Cost estimate is preliminary.	ľ	Tow Patterns, Loss of Habitat, Reduced Habitat Capacity Floodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Water Quality,		Esidally Rivel Della		acres or realian nabiat	CARDON	Cuthroat (Secondary Species), Chum (Secondary Species)	Completed						12/31/2010	Nocially Indian Tribe	503000		11-ESTORA1-1002
2 Prote Main	ection & Res ection Pro stem	estoration & Acqui rotection resto	isition for ration Capital	Lower Nequally Mainstern, McAllister Creek Acculation	Objective in Nisqually National Wildlife Refuge Comprehensive Conservation Plan. Addition of these acres to the Refuge would make them available for restoration. Cost estimate is very preliminary. This project his restored access for juvenie satiron to half of the largest off-channel wetland complex on the mainstem river.	1	Altered Stream Morphology/Stream Flow Patterns, Loss of Habitat, .oss of Tributary Habitat Diversity, Reduced Habitat Capacity		Estuary River Delta			Chinook	(Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species)	Construction						12/31/2011	Nisqually Wildlife Refuge	1500000		11-MAINSTEM-1006
Nisq	ually	liddle Resto	oration	Powell Creek/Nisquelly Meinstem	Previously a saries of culverts along a somer logging hauf road were a partial barrier for juvenile passage. There was also an old bridge abutment along the mainstem of the river where the hauf road used to cross the river. This project removed the culverts and bridge abutment. There is still some revegetation work to do along the old hauf road and one final culvert to remove at the upper end the still some states and the still some revegetation work to do along the old hauf road and one final culvert to remove at the upper end the still some states and the still some revegetation work to do along the old hauf road and one final culvert to remove at the upper end the still some states and the still some states are stated as the still some state states are still be still be still be also as a state and the states are states as a state as a state and the states are states as a state and the states are states are states as a state and the states are states		Rodplain Connectivity & Function, Channel Structure and Complexity, Altered Stream Morphology/Stream Flow Patterns, Loss of Habitat, Reduced Access to Spawning Habitat - Fish Rassage/Anthropogenic/Natural Barriers, Reduced Habitat Capacity						Cutthroat (Secondary Species), Chum (Secondary Species), Coho	Completed, Conceptual, Land Acquisition							South Puget Sound			
2 Prote Main Nisg	ection Na Istem Juolly Wi	/ilcax Reach	es Capital	Off-Channel Reconnection	of the project alea.	1			wetland			Chinook	(Secondary Species), Steemead (Secondary Species)	Completed						12/31/2010	SEG	242000		11-POWELL-1002
2 Prote	ection & Res	estoration & Acqui rotection prote	isition for ction Capital	Wilcox Area Protection Project	Acquire essement over 250 acres of channel, floodplan and rightmain forest along the Neispully mainteen and Horn Creek in the Witcon Fam mack. Acquisition of a conservation essement over a large property near the most rapidly urbanking area along the mainteen of the river. This project propersies to acquire all approximatory of acres in two structure parcies along the Xeguary rever for permanent	1	Roodplain Connectivity & Function, Riparian Areas & LWD Recruitment, Water Quality, Loss of Habitat, Reduced Habitat Capacity		Riparian		protect 250 acres floodplain, riparian area on mainstem	Chinook	Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)						_	12/31/2010	Nisqually Land Trust	750000		11-MAINSTEM-1008
Main	sten				protection. The shoetine property is located in Thurston County in the Hotson Road area. These parciels front a broad bend in the Nisqually River and have a total shoreline length of nearly one mile. This is an area of shoreline accretion and avulsion and contains a wide variety of riparian habitat types. It is located in the "Wilcon Read" of the Nisqually River and is adjucent to a protected shoreline to the shore of riparian habitat types. It is located in the "Wilcon Read" of the Nisqually River and is adjucent to a protected shoreline to the shore of the shore of the shore of the shore of the nisqual types.																			
Nisg Rest	ually Wi toration & Res	/ilcox Reach estoration & Acqui	isition for	Tetrimima Trust Shoreline	while variety of inparten habitet types. It is located in the "Viticon Reach" of the Nicolarity Filter and is adjacent to a protected shoreing parterial and access the inver from the protected Viticon Reach" of the Temporary to being offerent "For State" new March 2000 for to a relatively large block of protected shoreine and reparation habitat. The property is being offerent "For State" new March 2000 for S00.000. To constrain a unablactadem molech new faith wardow be removed. The property also contains a non-on-table traviative protection and and the state of the relative traviation of the removed. The property also contains are non-on-table traviative protection.	°			Riparian, Rivers/Shoreine		protect 30 acres floodplain, riparian area, 1 mile mainstem shoreline	Chum, Chinook, Coho, Steelhead, Rainbow, Cutthroat, Biok	Bald Earlie Mischled Miscelet	Concentual						12/21/2010	Network P Land Tour	225000		11 MAINGTEN 1012
Z Pros Main Nisg	usten ually Wi	/ilcox Reach	Cirpina		plants that should be emerged and/or controlled. Recretely histocic connection Settement her Negouity manistem and Hart Cices. This project would rectore scheme Habitat on the mainstem. This area currently a diled but during flooding events regularly breaches the river dile and begins to recreate connection between the river and the creek. This project would allow this connection between the river and the order Negouity hybrid would be and the connection between the river and the creek. This project would allow this connection between the river and the creek. This project would allow the connection between the river and the creek. This project would allow the the connection between the river and the creek. This project would allow the connection between the river and the creek. This project would allow the there.	s.						T IIK	Cuthroat (Secondary Species), Chum (Secondary Species), Coho	Conceptua						12/3/12010	Notpany IC Carlo I Toli			THIR REPEAT
2 Prote Main	ection & Res ection Pro	estoration & rotection Resto	oration Capital	Naqually River Wilcox Reach Side Channel	while controlling the flow so that the river continues to supply water to the Centralia City Light Power project through its diversion canal.	1	Recruitment, Water Quality, Reduced Habitat Capacity		Riparian			Chinook	(Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)							12/31/2011	Nisqually Tribe	275000		11-MAINSTEM-1001
Nisq Rest		elm/McKenn Shoreline Acqui	isition for		Acquire easement over 249 acres of Nisqually mainstem, off channel creek and large wetland. Acquisition of a conservation easemen over a large property near the most rapidly urbanizing area along the mainstem of the river. The wetland and stream are critical off	4	Roodplain Connectivity & Function, Riparian Areas & LWD Recruitment, Water Quality, Loss of Habitat, Reduced Habitat				protect 250 acres floodplain,		Chum (Secondary Species), Coho (Secondary Species), Pink											
2 Prote Main Nisq	ection Pro stem uolly	roiects prote	ction Capital	McKerne Area Protection Project	channel habitat for juvenile salmonids.	1	apacity Roodplain Connectivity & Function, Riparian Areas & LWD		Repanan		ripanan area on mainstem	Chinook	(Secondary Species), Steemead (Secondary Species)							12/31/2010	Nisqually Land Trust	750000		11-MAINSTEM-1009
2 Prote	ection &	Acqu prote	isition for ction Capital	Meinstem Protection Project	Acquire 75 acres, 0.5 mile of Nisqually Mainstem per year. Projects would focus on areas with intact riparian function, channel migration zone and seek to block with other parcels already in protected status. Some specific parcels are already tarosted.	1	Recruitment, Water Quality, Loss of Habitat, Reduced Habitat Japacity		Riparian		protect 225 acres riparian area, 1.5 miles mainstem shoreline	Chinook	Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)							12/31/2020	Nisqually Land Trust	2500000		11-MAINSTEM-1007
Mast	hel River Res	atonville each					Roodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Water Quality, Excessive Sediment, Loss of Habitat, Loss of Tributary Habitat				Protect 105 acres riparian and floodplain acres and 1.25 shoreline													
3 Prote	ection & Res Action Pro Ma	estoration & Acqui rotection restor lashel	isition for ration Capital	Little/Big Hashel Confluence Protection	Acquire approximately 120 riparian and floodplain acres and 1.4 miles of shoreline near the confluence of the Little Mashel with the Mashel River.	1	Excessive Sediment, Loss of Habitat, Loss of Tributary Habitat Excessive Reduced Habitat Capacity		Instream		floodplain acres and 1.25 shoreline miles of the Mashel River	Chinook	Cutthroat (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)						_	12/31/2009	Nisqually Land Trust	\$2,625,000		11-MASHEL-1002
Mast		atonville each estamation & Acous	initian for	Maahai Riparian Habitat Acquisitic	Acquire one mile of the Mashel shoreine in the Eatorwile area with a minimum of a 200 to 400 foot buffer and 20 to 40 acres of holds. This property would be extended and made available for pretoration and exhore made of holds. It would also be made		Toodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Water Quality, Second and Structure Local distribution of Tribution Mathematical Structures (1997)				Protect 20 to 40 acres of riparian		Cutternal (Record on Constant) Calls (Sec. 1)											
3 Prote	ection & Res	rotection di Acqui	ration Capital	Project	In habitat. This property would be protected and made available for restoration and enhancement of habitat. It would also be made available for public access with a public loop tail allog the River. This project with restor trademic varianty and restor the of the regiman proxy restored or an ensame rower and protect and restored over access of the right buffer. If defined to game and log structures will be installed. In combination with adjacent work happening	1	Excessive Sediment, Loss of Habitat, Loss of Tributary Habitat Xiversity, Reduced Habitat Capacity		Riparian		and floodplain habitat, one mile of shoreline on the Mashel.	Chinook	Cuthroat (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)	-				_		12/31/2009	Town of Eatonville	1689510		11-MASHEL-1003
					score of the restance studies. The operation of the pairs and the restance and be restanded. The combination will be adjusted as each bapevent immunanceusky by Neutrington Dept of Interportation in the annual studies of the Dept of th																			
	Ma Eat	lashel atonville			completion. In the long term this project will contribute to a more sustainable, healthy run of salmon, both the listed species as well as		Toodplain Connectivity & Function, Channel Structure and														1			
Mash Rest	hel River Res tonation & Res	each estoration & Resto	oration	Mashel Estonville Restoration	other non-istad salmonisk. This will have ecological bendfs not just for the salmon but for all the other species that depend on alamon. It will also have significant long term socio economic bendfis in terms of increased commercial and spectritishing opportunity in Puget Sound and the lower Nisqualy River and increased tourism in the rural Eatonville area as people come to view the salmon and fish for touch in the Mashel.		Complexity, Riparian Áreas & LWD Recruitment, Stream Substrate, Stream Flow, Attered Stream Morphology/Stream Flow Patterns, High Water Temperatures, Loss of Habitat, Reduced Habitat "panche Biological Brocesses		Riparian, Instream,		restore 2000 feet of in-stream habitat, restore 6 acres riparian	Chinook, Coho,	Cutthroat (Secondary Species), Pink (Secondary Species), River	Feasibility						12/21/2010	Nexually Instance.	1400000		11 MAGUEL KOOT
a Prote		rotection Proje lashel atonville			and the case of a diff. (1) and the second field	r I	Zapacity, Biological Processes Hoodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Stream Substrate, Stream Flow, Attered Stream Morphology/Stream Flow Patterns,				and the set of the set	- another, Ranbow			1					12131/2010	magality malan tribe	140000		
Mash Rest 3 Prote	hel River Res toration & Res ection Pro	each estoration & Resto rotection Proje	oration cts Capital	Mashel Estonville Restoration Phase 3	Restore the in-stream, riparian and floodplain habitat of the Mashel River through the Eatonvile Segment Reach 7.	1	Social Confective View Control Control Control Control Confective View Confect		Upland, Riparian, Instream, Rivers/Streams/Shoreline			Chinook, Coho, Steelhead	Cutthroat (Secondary Species), Pink (Secondary Species), River Lamprey	Conceptual						12/31/2011	South Puget Sound SEG	100000		11-MASHEL-1006
							Hoodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Stream Flow, Water Quality, Prediation/Competition/Disease, Altered Stream																	
Ohop Rest	p Creek Los toration & Res	ower Ohop estoration & _{Acqu}	isition for		Acquire 1 mile Ohop creek, 100 acres. This would acquire a key property for the Ohop Valley restoration project and ensure the long-		Dually, Predation/Competition/Disease, Altered Stream Morphology/Stream Flow Patterns, Excessive Sediment, High Water femperatures, Loss of Hibbita, Loss of Thibutary Habitat Diversity, Reduced Access to Spawning Habitat - Fish				Protect 100 acres of riparian and floodplain habitat and 1 mile of		Cutthroat (Secondary Species), Coho (Secondary Species), Pink											
4 Prote	ection Pro	rotection (1991)	Capital	Lower Onco Protection Protect	Term bewardship of the site for samon and other wildlife habitat. Evaluation of meta-popular samon match needs in the recepting watching may have need to be composed on or rengines prom freshwater habitats for restoration. Funded by a previous SRFB grant, a restoration plan for lower Ohop Creek was developed which summarizes habitat conditions in the encied result and evaluates restoration planeters. Using that assessment, the most summarizes habitat conditions in the encied result and evaluates restoration alternatives. Using that assessment, the most	, '	Passage/Anthropogenic/Natural Barriers, Reduced Habitat Capacity		wetland		shoreline on Ohop Creek	Chinook	(Secondary Species), Steelhead (Secondary Species)							12/31/2010	Nisqually Land Trust	120000		11-OHOP-1004
					evaluation in inderglautes latification instant releases in ter integrating autorations carrents users users users users users and user		Toodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Stream Flow, Water Quality, Predation/Competition/Disease, Altered Stream																	
	p Creek Low toration & Res	ower Ohop estoration & Resta	pration	Lower Ohop Valley Restoration -	floodplain and wetland areas. Off-channel habitat will be created and the riparian areas will be planted with native vegetation. The project will also revegetate 400 acres of the surrounding valley floor which is dominated by wetlands. This project has been spill into three phases to spread out the need for security funding: Phase: I Restore first nile of Lower Ohop Creek on Nisspally Land Trust		Morphology/stream Flow Patterns, Excessive Seament, High Water Femperatures, Loss of Habitat, Loss of Tributary Habitat Diversity, Reduced Access to Spawning Habitat - Fish				restore instream habitat along 1 mile of Ohop Creek and 100 acres of adjacent floodplain, riparian		Cutthroat (Secondary Species), Coho (Secondary Species), Pink								South Puget Sound			
4 Prote	ection Pro	rotection Proje	cts Capital	Phase I	property adjacent to Hwy. 7. Including channel reconstruction and valley floor revegetation. Including the second second freshwater habitats for restoration. Funded by a previous SRFB grant, a restoration plan for lower Ohop Creek was developed which	,1	Passage/Anthropogenic/Natural Barriers, Reduced Habitat Capacity		Wetland		habitat	Chinook	(Secondary Species). Steelhead (Secondary Species)							12/31/2010	SEG	2700000		11-OHOP-1001
					summarizes habitat conditions in the project reach and evaluates restoration alternatives. Using that assessment, the most comprehensive restraction alternative has been selected and engineeing designs developed. The 11 undowners in the project reach are all supportive of this option. The total project will re-elevate the 4.4 miles of severely channelized creek back into its original		Floodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Stream Flow, Water Jually, Prediation/Competition/Disease, Altered Stream																	
	p Creek Los toration & Res	ower Ohop estoration & Resta	ration	Lower Ohop Valley Restoration -	Bodghain recreating a 6 mile long stream with its original meander pattern and restoring its hydrologic connection to the adjacent Bodghain and wetland areas. CF-harmen habitat will be created and the rightain areas will be planted with naive vegetation. The project will also revegetate 400 acres of the surrounding valley floor which is dominated by wetlands. This project has been split into three phases to spread out the need for securing funding: "Phase II: Restore 1.5 millies of Lower Chap Creak bioloum Hwy. 7 including three phases to spread out the need for securing funding: "Phase II: Restore 1.5 millies of Lower Chap Creak bioloum Hwy. 7 including		Joany, Protatori Competition Disease, Allered Sheam Vorphology/Stream Flow Patterns, Excessive Sediment, High Water femperatures, Loss of Habitat, Loss of Tributary Habitat Diversity, Reduced Access to Soawning Habitat - Fish				restore instream habitat along 1.5 miles of Ohop Creek and 100 acres of adjacent floodplain, riparian		Cuthroat (Secondary Species). Coho (Secondary Species). Pink								South Puget Sound			
4 Prote	ection Pro	rotection Proje	cts Capital	Phase II	channel reconstruction and valley floor revegetation. Evaluation or man-species autom national network in the resepany waterance have native to the Order One Order or the register prom freshwater habitats for restoration. Funded by a previous SRFB grant, a restoration plan for lower Ohop Creek was developed which	1	assage/Anthropogenic/Natural Barriers, Reduced Habitat Capacity		Wetland		habitat	Chinook	(Secondary Species), Steelhead (Secondary Species)						-	12/31/2011	SEG	2700000		11-OHOP-1002
					summarizes habitat conditions in the project insch and evaluates restoration alternatives. Using that assessment, the most comprehensive restoration alternative has been selected and engineering designs developed. The 17 landowners in the project reach are all supportive of this option. The total project will re-devate the 4.4 miles of severity channelized creek back into its original		Roodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Stream Flow, Water																	
Ohop	p Creek Low toration & Res	ower Ohop estoration & Darke		Lower Ohop Valley Restoration -	Rodplain recreating a 6 mile long steam with its original meander pattern and restoring its hydrologic connection to the education Rodplain and wetland areas. Off-channel habitst will be created and the riparian areas will be planted with native vegetable. The project will also receiptate 400 acres of the surrounding vallely floor which is dominated by wetlands. This project has been split information and the surrounding value floor which is dominated by wetlands. The project has been split information and the surrounding value floor which is dominated by wetlands. The project has been split information and the surrounding value floor which is dominated by wetlands. The project has been split information and the surrounding value floor which is dominated by wetlands. The project has been split information and the surrounding value floor which is dominated by wetlands. The project has been split information and the surrounding value floor which is dominated by wetlands. The project has been split information and the surrounding value floor which is dominated by wetlands. The project has been split information and the surrounding value floor which is dominated by wetlands. The project has been split information and the surrounding value floor which is dominated by wetlands. The project has been split information and the surrounding value floor which is dominated by the surr		Quality, Predation/Competition/Disease, Altered Stream Worphology/Stream Flow Patterns, Excessive Sediment, High Water Temperatures, Loss of Habitat, Loss of Tributary Habitat Diversity,				restore instream habitat along 2 miles of Ohop Creek and 200 acres of adjacent floodplain, riparian		Cutthroat (Secondary Species), Coho (Secondary Species), Pink											
4 Prote Ohop	ection Pro	rotection Proje	cts Capital	Phase II	three phases to spread out the need for securing funding: "Place III: Restore over 2 miles of Lower Ohip Creek upstream of first two phases of project including channel reconstruction and valley floor revegetation. Annuise small reconstruction the high invisitiv tetrams in the unner waterband is Ohion Creek and Mashel River Projects would annuise small reconstruction the high invisitiv tetrams in the unner waterband is Ohion Creek and Mashel River Projects would annuise small reconstruction.	1	Reduced Access to Spawning Habitat - Fish assage/Anthropogenic/Natural Barriers. Reduced Habitat Capacity Toodplain Connectivity & Function, Riparlan Areas & LWD Servitiment Stream Subdrate Water Onality. Excessive Sectiment		Wetland		habitat	Chinook	(Secondary Species), Steelhead (Secondary Species)						-	12/31/2011	South Puget Sound SEG	3150000		11-OHOP-1003
4 Prote	ection & Na	Acqui prote	ction for Capital	Upper Watershed Small Properties Protection	Acquire small properties along the high priority streams in the upper watershed, is. Oney Creek and Machel Pilver. Projectiv would bours on areas with heter dynamin theraction, channel migration zone and seek to block with other parotes already in protected status. Some aconfic accretic are already transition. The Neguaity River and Point Defance to identify potential restantion projects	1	Recruitment, Stream Substrate, Water Quality, Excessive Sediment, -Igh Water Temperatures, Loss of Habitat, Loss of Tributary Habitat Xiversity. Reduced Habitat Capacity		Riparian			Chinook	Cutthroat (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steethead (Secondary Species)						_	12/31/2020	Nisqually Land Trust	470000		11-MISC-1006
Near	Poi De	oint efiance			May be bendt samon. Both the WRIA 11 and WRIA 12 Imming bates analyses roted the poor habital condition of this shoreline, including estamates habitat loss and impacts from all line IL Burlington Nethram is a cooperating pattern on this project. A final repor- will identify and prioritize potential restoration project sizes. Preliminary engineering designs and landsware agreements will be diverginged for restoration at 2.3 specific project sizes. Preliminary engineering designs and landsware agreements will be diverginged for restoration at 2.3 specific project sizes. The project construction proposed for 2010 would be the implementation of on	t	Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Loss of Habitat, Reduced Access to Spawning Habitat -						Cutthroat (Secondary Species), Chum (Secondary Species), Coho											
5 Prote	ection & Res	estoration & Resto rotection Proje	oration cts Capital	Nequelly to Pt.Defence Nearshor Assessment Project	I developed for restoration at 2-3 specific project sites. The project construction proposed for 2010 would be the implementation of end of these projects. Because the assessment is still underway the coal estimate for project construction is quite rough at this point. areas and reconstruction of back beach bern where the bank is unstable. Restore a riparian corrifor through removal of invasive	1	Fish Passage/Anthropogenic/Natural Barriers, Reduced Habitat Capacity		Nearshore (Embayments)			Chinook	(Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species)							12/31/2010	South Puget Sound SEG	120000		11-NEARSHORE-1002
					species and planting of native vegetation. Issues:																			
					Lack of riparian corridor along the Chambers Beach and presence of several derelict structures located within the intertidal zone.																			
					Lack of continuous functional habitat along the Nisqually to Point Deflance shoreline. Beach and bank instability as a result of gravel mining operations.																			
					The shoreline between Nisqually and Point Defiance has been highly degraded due to shoreline development and the location of the BNSF railway at or below the MH-HW. The shoreline has very little functional beach habitat to support migration, foreigng and rearing needs of juventies administic and foreign 6th spawing capacity. The 15-mill project reach has some existing function as the BNSF																			
Near	Poi rshore De	oint efiance			causeway is set back from the shoreline and presents and opportunity to support a riparian corridor, backshore barm, beach face and low-lide terrace. However a legacy of gravel mining has significantly disturbed the beach creating instability, degraded beach profiles and little to no native fiparian exectation.								Coho (Secondary Species), Pink (Secondary Species), Bull Trout											
5 Prote	ection & Res	estoration & Resto rotection Proje	oration cts Capital	Chembers Beach Reconstruction and Riperian Enhancement	тираси симатоводале внооди висок такови то персоке солнестику виз так раззади октиван такж вадоки виз тодет болно.	1	Sparian Areas & LWD Recruitment, Loss of Habitat, Reduced labitat Capacity		Nearshore (Beaches)			Chum, Chinook, Cuthroat	(Secondary Species), Steelhead (Secondary Species), Pacific Herring, Surf Smelt, Sand Lance	Feasibility Completed		┝───┤──				12/31/2012	South Puget Sound SEG	1700000	┥──┤	11-NEARSHORE-1009
	Nis	isqually to			Remove shoreline armor and derelict structure to restore/enhance the shoreline. A tidegate installed through the BNSF causeway blocks fait passage and inhibits tidal exchange within the lagoon. Native vegetation such abitet devices how how means with most high bacone limition experime and formation canachy of the lancose. Bioverline same																			
Near	Poi rshore De toration & Res	efiance estoration & p	ration		and habitst discusse have been removed from the lagoon limiting rearing and foraging capacity of the lagoon. Shoreline armor associated with the BMSF railway and park infrastructure impairs beach and riparian processes. Densit pies within the interidal- subtidal region inhibit sediment transport.		Floodplain Connectivity & Function, Channel Structure and Complexity Binarian Areas & I WD Recentitment High Water					Chum, Chinook,	Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species), Bardin	Feasibility							South Puget Sound			
5 Prote	ection Pro	rotection Proje	cts Capital	Titiow Estuary Restoration	Restore marine riparian comidor in and around Chamber's Bay through removal of invasive vegetation and planting of native trees and who he.	1	Complexity, Riparian Areas & LWD Recruitment, High Water remperatures, Loss of Habitat, Reduced Habitat Capacity		Nearshore (Embayments)			Cuthroat	(Secondary Species), Steelhead (Secondary Species), Pacific Herring, Surf Smelt, Sand Lance	Completed		├ ── ├ ─			-	12/31/2012	SEG			11-NEARSHORE-1010
					issues:																			
					Industrial use practices of Chambers Bay for timber storage. Construction of road and mill site over the historic estuarine area.																			
					Construction of dam which has reduced sediment transport.																			
					Gravel mining operations on the north side of the bay which removed mature riparian forest Construction of the BNSF railway which changed the connection of the estuary to Puget Sound.																			
	Nis Poi rshore De	lisqually to aint efiance			Chambers Bay is the major estature feature between the Negually River and Central-North Sound. Given the current lack of habitat structure and food production inside the Bay the historically important habitat feature now provides limited refuge, rearing and foraging capacity for migrating administration.																1			
5 Prote	rshore De toration & Res ection Pro	estoration & rotection Resto	oration Capital	Chembers Bay Estuarine and Ricerian Enhancement		1	Roodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, High Water Temperatures, Loss of Habitat, Reduced Habitat Capacity		Nearshore (Embayments)			Chum, Chinook, Coho, Pink	Cutthroat (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species), Pacific Herring, Surf Smelt, Sand Lance, Steller Sea Lion	Feasibility Completed						12/31/2008	South Puget Sound SEG	2100000		11-NEARSHORE-1007
					railine between Sequalitchew Creek and Solo Point to track and streamline beach nourishment and riparian enhancement techniques along the degraded shoreline.]																		
					The shoreline between Noqually and Point Defance has been highly degraded due to shoreline development and the BNSF railway at or below the MHHW effectively functaring and severing functional nearshore habitat. The shoreline has very little functional beach habitat to support migration, troaging and rearing needs of juvenite samonids and forage fish spawning capacity.																			
Neor	Nis Poi rshane De	lisqually to aint efiance			Several small pocket basehas exist along the East Magually Reach, these basch support forage fais spareing and challow water refugia. Without sediment input into the system, there is not material to feed and accrete these beach. This project seeks to actively nominit these pocket basches and match the results of noutrilament events to better understand this treatment as value restoration.								Coho (Secondary Secolar) Biok /Pde Pi) P											
5 Prote	toration & Res ection Pro	estoration & rotection Resto	oration Capital	East Nequelly Reach Beach Nourishment Plict		1	Riparian Areas & LWD Recruitment, Loss of Habitat, Reduced labitat Capacity chariner Structure and Comprexity, Ripanan Areas & LWD		Nearshore (Beaches)			Chum, Chinook, Cuthroat	Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species), Pacific Herring, Surf Smelt, Sand Lance	Feasibility Completed						12/31/2012	South Puget Sound SEG	602300		11-NEARSHORE-1008
Near Rest	rshore toration &	Armi	isition for	South Sound Neembore Protectio	Protection of nearshore has been identified as a high priority but no specific sites have yet been identified. This cost estimate is more		znannel structure and complexity, Hipanan Areas & LWD Recruitment, Water Quality, Altered Stream Morphology/Stream Flow Patterns, Loss of Habitat, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenio/Natural Barriers, Reduced Habitat						Cuthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout								1			
5 Prote Near	ection rshore	prote	ction Capital	Project	preliminary. This protect would restore access of the saltwater toles and tish occutations of the Nisqually Reach to a small pocket estuary risks	1	Capacity channel Structure and Complexity, Ripanan Areas & LWD		Riparian			Chinook	(Secondary Species), Steelhead (Secondary Species) Cutthroat (Secondary Species), Chum (Secondary Species), Coho			<u> </u>				12/31/2020	unknown	3000000		11-NEARSHORE-1004
5 Prote	toration & ection	Resto Proje	oration cts Capital	Beachcreat Pocket Estuary Restonation	That is some in step along the Thurston County storeline. It would also open up opportunity for some limited spawning by allowing access of adult stations to a small steam feeling the stationary. Access will be actived by removing a writical water control structure which impounds the water, with a bridge that allows for high fedse to backwater into the pond. And assessment of replant registrations in the Medgang waterialities water complexities in zone. The state structure the	1	Recruitment, Altered Stream Morphology/Stream Flow Patterns, .oss of Habitat, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers, Reduced Habitat Capacity.		Nearshore (Embayments)			Chinook	(Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species)	ļ		┝───┤──				12/31/2010	South Puget Sound SEG	208500	┥──┤	11-NEARSHORE-1001
	ually Wa rershed- wia e Res	/atershed- ide Habitat estoration			assessment, isotily provide provide the second seco		Toodplain Connectivity & Function, Channel Structure and																	
	toration & and action Enl	nd Resto nhancement Proje	oration cts Capital	Nacually Veostation Management	and a 5 FTE crew to plant and maintain a minimum of 40 acros of sportner vegetation annually and manage investive general plant watersheet. The crew to plant and maintain a minimum of 40 acros of sportner annually and manage investive general plants in the watersheet. The crew is plantcalar is key to our long term success with vegetation projects. Without proper maintenance many revegetation projects will fail.	1	Exception Contraction of the Contract Contract of Contract Excessive Sediment, Loss of Habitat, Loss of Tributary Habitat Excessive, Reduced Habitat Capacity		Riparian			Chinook	Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)							12/31/2020	Nisqually Indian Tribe	1075790.63		11-MISC-1001

			-																			
Nisqually Watershed- Wide	Watershed- wide Habitat Restoration			Annually identify and enalicate Japanese Knotweed infestations in the Nisqually River basin. This seasonal work would take 3 behaldings and one noticet mesoager up to 3 months for 3 works for them the normal of this highly levels are work. The forum will be the	Floodplain Connectivity & Function, Riparian Areas & LWD Reconstruct Water Carolity, Exception Sectionant Web Water					"utternat (Second ou Secolar) (Prum (Second ou Secolar) (Polo												
Restoration & Protection	and Restoration Enhancement Projects	n Capital	Jacosnese Knotweed Englication	technicians and one project managerup to 3 months for 3 years to stem the spread of this highly invasive weed. The focus will be the reparting and floodplain forests of animon-being stream. Yaking stream and the mon-anadomous area of the basin will also be treated if downstream infrastration from those source areas is downstated probable.	Reculterent, Water Quality, Excession Register Available Edward Recruitment, Water Quality, Excession Sediment, High Water Temperatures, Loss of Habitat, Loss of Tributary Habitat Diversity, Reduced Habitat Capacity	Riparian	treat	at 230 acres, over 400 sites ested with invasive knotweed	Chinook	Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)								12/31/2010	Pierce County Noxious Weed Board	75000		11-MISC-1003
Nisqually Restoration &	Middle Restoration	n	Northern Powell Complex	This project will restore a recently acquired parcel by the Nisqually Land Trust on the mainstern Nisqually River, just a Itile downstream of the confluence with Powell Creek. It will remove sprap and other structures from the property and revegetate the	Floodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Water Quality, High					Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout											1 1	
2 Protection Mainstem Nisqually	Nisquelly Projects	Capital	Restoration	banks. This project is in an active channel migration zone and will allow the river to move more freely again. 2	Water Temperatures. Reduced Habitat Capacity	Riparian			Chinock	(Secondary Species). Steelhead (Secondary Species)								12/31/2010	Nisqually Land Trust	52000		11-MAINSTEM-1013
Restoration & 2 Protection	Restoration & Protection Restoration	n Capital	Hahn Restoration	Restoration of the riparian buffer along a small strip of the Nisqually River mainstem on the Thurston County side downstream of the Powell Creek confluence. 2	Riparian Areas & LWD Recruitment	Riparian			Chinook	Cuthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species)								12/31/2009	Nisgually Land Trust	15000		11-MAINSTEM-1002
Mainstem Nisqually Restantion &	Wilcox Reach		Wiccx Flats Naquelly River Meinstern and Off-Channel	Resionation of Wilcox Flats (mostly owned by Nisqually Land Trust), primarily through revegetation projects, between river mile 28 and 29.5. mile of invertinet, at least 1 to 1 miles of side channels, ipadina zones and uplands tobaling 170 acres, 1 haddlion the adjuscent Wilcos farm is participating in resourcing orgetost maniparty provegisation work) on their property, both along the Nazyawilly manistem and	Floodplain Connectivity & Function, Stream Flow, Water Quality, Loss of Habitat, Reduced Access to Spawning Habitat - Fish					Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout											1 1	
2 Protection Mainstem	Protection Restoration	n Capital	Restoration	abigitiwer nom Creek as it emplies dot mo the mansient.	Passage/Anthropogenic/Natural Barriers	Riparian			Chinook	(secondary species), steenead (secondary species)								12/31/2012	Nisqually Land Trust	100000	 	11-MAINSTEM-1003
Nisqually Restoration & 2 Protection	Yelm/McKenn a Shoreline Projects Restoration	n Capital	Yeim Shoreline Land Trust Restoration Project	110 acre restoration and public access project on properties now owned by the Nagually Land Trust on the Nisqually River mainstem near Yelm on the Thurston County side. Readore along mile of river front plus a stream that accesses a large off-channel webland. Plan and develop a day use and trait system along 1.3 miles of river. 2	Floodplain Connectivity & Function, Riparian Areas & LWD Recruitment, Reduced Habitat Capacity Floodptan Connectivity & Function, Channel Structure and Completive Relation Actions & LWD Recruitment Stream Flow Water	Riparian			Chinock	Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species)								12/31/2012	Nisqually Land Trust	200000		11-MAINSTEM-1004
Ohop Creek Restoration &	Acquisition	for		Protection of 180 acres of Ohop valley including large amounts of wetland and 1 mile of Ohop Creek. The protection of this functioning habitat benefits a array of fah and wildlife, including salmon of upper Ohop Creek, 25-mile creek, and a third salmon-bearing but	Quality, Excessive Sediment, High Water Temperatures, Loss of		prote	stect 180 acres floodplain, 1 mile		Cutthroat (Secondary Species), Chinook (Secondary Species), Coho												
4 Protection Nearshore Restoration &	protection	Capital	Upper Chop Velley Protection	2 unmanned Tibuary. 2 The Niloquily Land Trust owns a small pocket estuary just west of the Niloquily Estuary. They are seeking funds to develop a restoration plan for the property and bagin implementation (\$30,000); 200 feet of saltwater lagoon fromtage and 20 across of uplands during lists the lagoon. The proced work down annihi on ninini mengelation.	Tribulary Habitat Diversity, Reduced Habitat Capacity Riparian Areas & LWD Recruitment, Water Quality, Excessive	Wetland	show	oreline of Upper Ohop creek.	Steelhead	(Secondary Species), Steelhead (Secondary Species) Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Bull Trout (Secondary Species), Steelhead								12/31/2010	Nisqually Land Trust	800000		11-OHOP-1005
5 Protection	Projects	Capital	Hoourn Bay Restonation	tableter pain to the project y and other section and/or of pain revegation. 2 2	Sediment, High Water Temperatures, Reduced Habitat Capacity	Riparian	+ +		Chinock	(Secondary Species)								12/31/2012	Nisqually Land Trust	30000	+ +	11-NEARSHORE-1003
																					1 1	
				Red Sumon Creaks is for by pringing that arise on the subject property and acts as the hadwaters of the stream. The purposed of this propert is to permanently printed is alreg 4-bace track of land affers hadwaters. The tracksprop farmity functions this land, and is the stream of the stream of																	1 1	
Small Tributary Restoration &	Red Salmon Creek Acquisition	for				Circuit and	prote Salm	otect 40 acres headwaters to Red Imon Creek, protect water quality	Churr,	Cutthroat (Secondary Species), Chinook (Secondary Species), Coho	Connection							10.04.0000	Manually Dil and Total		1 1	44 000000000000000000000000000000000000
5 Protection Small Tributary	watershed protection	Capital	Porespring Property Protection	Register parket fan herrier onwert om Brighten Creae wurder Herb Lake Loop Road with a fan Arendy outwart. The outwart is highest proving Jourter for ageocement of any outwart assessed in the Nacayali waterherb because it is a more complete harrier and here is still some good intact habita updream that is currently mostly haccessible for saimon. It is however not neted a 1 because it is on a minor tructury to the Akayality and within the wei splittant dist cleant for Christon or stellehead. It will have greatest benefit soch		Hopanan	0.84	red samon slough estuary	Chum	(Secondary Species)	Conceptual							12/31/2009	Nisqually R Land Trust	30000		11-HSSWASH-1002
Restoration & 6 Protection	Restoration	n Capital	Brighton Creek Culvert Replacement Project	and chum as well as some smaller benefit for steelhead and indirect benefit for Chinook salmon. 2	Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers	Instream			Stelhead	Cutthroat (Secondary Species), Coho (Secondary Species)								12/31/2010	Pierce County	820000		11-BRIGHTON-1001
Restoration & 6 Protection	Restoration	n Capital	Horn Creek Fish Passage Project	Replace partial fish barrier at Horn Creek. A man-made waterfail at rivermile 1.0 precludes most salmon from migration upstream. Greatest banefit will be to coho and chum with some banefit also for sitealhead. There is a partial barrier just upstream of this site under Harts Lake Loop Road that should also be addressed to ensure that access to the sterem for salmon. 2	Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers	Instream			Stehead	Cutthroat (Secondary Species), Chinook (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species)	n							12/31/2010	South Puget Sound SEG or Pierce County	132000		11-HORNHARTS-1001
																					1 1	
										1												
Small Tributary Restoration &	Darter-T			The lower Tanwax Creek flows for 4.5 miles through a 98 acre rigarian wetland that had been cleared and now consist of small shrubs and large amounts of reed canary grazs. A 1996 wetland assessment of Niaqually basin wetlands identified this areas as a high priority for retrostrond note to its benefits to samon. This project would work with local volumees and landowners to revegetate	Floodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Stream Substrate, Water Quality, Excessive Sediment, High Water Temperatures, Loss		resto	store 3 to 5 acres a year of arian habitat along lower Tanwax		Cuthroat (Secondary Species), Chinook (Secondary Species),									Nisqually River			
6 Protection	Projects	Capital	Tenwax Creek Riperian Restoratio	between 3 to 5 acres annually in this high priority area.	of Tributary Habitat Diversity, Reduced Habitat Capacity	Riparian	ripari Cree	eek.	Coho	Steelhead (Secondary Species)	+						<u>├</u>	12/31/2018	Foundation	95000	├	11-TANWAX-1001
										1												
Nisqually	Watershed-				Floodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Stream Substrate, Stream Flow, Water Quality, Altered Stream Morphology/Stream					1												
Watershed- Wide Restoration &	wide Habitat Restoration and Restoration			One FTE farm planner/habitat specialist each for Pierce and Thurston Conservation Districts with additional funds for cost share accidance. Each farm planner would conduct tameted outsoach to farms in binh priorite salmon reaches of the Microally. Earn plans	Stream Flow, Water Quality, Altered Stream Morphology/Stream Flow Patterns, Excessive Sediment, High Water Temperatures, Loss of Habitat, Loss of Tributary Habitat Diversity, Reduced Access to Spawning Habitat - Fish Passaea/Anthropcoenic/Natural Barriers.					Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout									Pierce Conservation			
Protection	Enhancement Projects Nisquelly	Capital	Necually Basin Farm Planning	assistance. Each farm planner would conduct tageted outreach to tame in high prority samon reaches of the Nisqually. Farm plans would be developed for willing indevents and cost-share and technical assistance would be provided for instrumentation. 2 Develop and implement an invasive species monitoring and integrated past management control program for the Nisqually National	Reduced Habitat Capacity, Unscreened Water Diversions	Riparian	┨────╂		Chinook	(Secondary Species), Steelhead (Secondary Species)	+				├			12/31/2020	Conservation District	680000	+	11-MISC-1002
Estuary Restoration &	Wildlife Refuge Restoration &		Investvo Species Management at	Detector and implement in involves species instructing and integrated pass instructions of polyaim to invertigation transmission with the second sequel information and Weblike Biologist, UNISHE Retrogous using both manual and chemical transmission transmission with second sequel information go 15 FTE FEI biologist, GS-7/0 (225-400 starting annual cost), to conduct the monitoring program and guide treatment efforts as well as some time for a 0.5 FTE Biologist Echnician, GS-567 (202.500 starting annual cost), to assist in monitoring the establishment of invasive species and	Floodplain Connectivity & Function, Riparian Areas & LWD					Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout									Nisqually Wildlife			
1 Protection Mainstem Nisqually	Protection Restoration	n Capital	Investive Species Management at NWR (obl. 1.4) Manually Management and Tout	The unodgiven recentrant, up-out (accord maning and accord, or aske in monoring the calecontribution or interact apopter and implementing control measures as necessary.	Recruitment, Water Quality Floodplain Connectivity & Function, Riparian Areas & LWD	Estuary River Delta	+ +		Chinook	(Secondary Species), Steelhead (Secondary Species)								12/31/2020	Retuge	222000	├ ──-	11-ESTUARY-1003
Restoration & 2 Protection	Restoration Projects	n Capital	Niequally Mainstern Land Trust Boundary Protection and Restoration	Survey and fence upland boundaries on four properties totaling 2 river miles and over 200 acres that are experiencing trespass and dumping. Remove debris and excitic plants. 3	Recruitment, Excessive Sediment, High Water Temperatures, Loss of Habitat, Loss of Tributary Habitat Diversity, Reduced Habitat Capacity	Riparian			Chinock	Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steelhead (Secondary Species)								12/31/2010	Nisqually Land Trust	45000		11-MISC-1005
Small Tributary Restoration &	Red Salmon Creek Restoration watershed Projects	n Capital	Red Selmon Creek/Wash Creek Restoration - Phases IV and V	Phase IV: Weed control and fence removal along Red Salmon Creek upstream of the railroad crossing on Nisqually Land Trust properties. Phase V: planting of ripatina and adjucent upland areas adjucent to salt marsh and Red Salmon Creek and tributaries upstream of the railroad crossing. Politow up maritemance. 3	Riparian Areas & LWD Recruitment, Stream Substrate, Water Quality, Excessive Sediment, Loss of Tributary Habitat Diversity, Reduced Habitat Capacity	 Riparian			Chum	Cuthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Steelhead (Secondary Species)								12/31/2011	Nisqually and Tourt	50000		11-RSSWASH-1001
Small Tributary Restoration &			Harts Lake Loop Road Horn Creek	This project will replace the partial fish passage barrier at Harts Lake Loop Rd. (RM 1.2) and replace it with a bottomless arch culvert	Reduced Habitat Capacity Reduced Access to Spawning Habitat - Fish					(Secondary Species), Steelnead (Secondary Species) Cutthroat (Secondary Species), Chinook (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary	n			1					country card 1103			
6 Protection Small Tributory Restoration &	Restoration	n Capital	Culvert Replecement Project	Fish Passage Project that is located just downstream to obtain maximum benefit. 3	Passage/Anthropogenic/Natural Barriers	Instream	<u> </u>		Steelhead	Species) Cutthroat (Secondary Species), Chinook (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary	n							12/31/2010	Pierce County	294000	<u>├</u> ──┤	11-HORNHARTS-1002
6 Protection Small Tributary	Restoration	n Capital	Culvert Replacement	This project will replace the profile find passage barrier under a private access road and replace 1 with a bottomities such culved or ment bridge that you dog on up severe milles of sairon holdburg updream. This project is located at RM 1.3 and is downstream of the recently replaced this passage barrier at Ball Hills R at RM 1.6. This novies will receive the passage barrier at Ball Hills R at RM 1.6.	Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers	Instream	┼───┼		Stelhead	Species)								12/31/2010	South Puget Sound SEG	176000	+	11-LACKAMAS-1001
Restoration & 6 Protection	Restoration Projects	n Canatal	Powell Creek Neighborhood Road	This project will replace the partial fish passage barrier under a neighborhood access road and replace it with a 508quot; X 148quot; sheel bridge that will open up several miles of salmon habitat upstream. The project at RM 0.9 has received funding through the DECEMB ender recomm	Channel Structure and Complexity, Reduced Access to Spawning	1	1 1		Charles	Cutthroat (Secondary Species), Chinook (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Steelhead	1 1			1	I		1		South Puget Sound	L	I	11-POWELL-1001
2 - 2		Capital	Passage Barrier	rerer gran program. 3	Habitat - Fish Passage/Anthropogenic/Natural Barriers	Instream			Swerneau	(Secondary Species)	<u> </u>							12/31/2010	SEG	192000		
6 Protection Small Tributary Restoration & 6 Protection	Restoration Projects	n Capital	Powell Creek Watershed	This project will educate and inform the Powell Creek watershed community about potential restoration actions in the watershed. This	Habitat - Fish Passage/Anthropogenic/Natural Banters Altered Stream Morphology/Stream Flow Patterns, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Banters	Riparian, Instream, Wetland, Rivers/Streams/Shoreline	i.		Coho	(Secondary Species) Cutthroat (Secondary Species), Chinook (Secondary Species), Chum (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)	n Feasibility Pending							12/31/2010	SEG South Puget Sound SEG	300000		11-POWELL-1004
6 Protection Small Tributary Restoration & 6 Protection Nisqually Watershed-	Restoration Projects Watershed- wide Habitat	n Capital		This project will educate and inform the Powell Creek watershed community about potential restoration actions in the watershed. This project will adu identify new restoration projects.	Altered Stream Morphology/Stream Flow Patterns, Reduced Access	Instream Riparian, Instream, Wetland, Rivers/Streams/Shoreline	4.		Coho	Secondary Species) Cutthroat (Secondary Species), Chinok (Secondary Species), Chum (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)	n Feasibility Pending							12/31/2010 12/31/2011	SEG South Puget Sound SEG	300000		11-POWELL-1004
6 Protection Nisqually	Restoration Projects Watershed- wide Habitat Restoration and Restoration	n Capital		This project will educate and inform the Powell Creek watershed community about potential restoration actions in the watershed. This project will adu identify new restoration projects.	Altered Stream Morphology/Stream Flow Patterns, Reduced Access	Instream Riparian, Instream, Wetland, Rivers/Streams/Shoreine	1.		Coho	(aeconiaary Species) Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead	n Feasibility Pending							12/31/2010	SEG South Puget Sound SEG	300000		11-POWELL-1004
6 Protection Nisqually	Restoration Projects Watershed- wide Habitat Restoration and Restoration Enhancement Projects	n Capital	Powell Creek Watershed Restoration	This project will educate and inform the Powell Creek watershed community about potential restoration actions in the watershed. This	Altered Stream Morphology/Stream Flow Patterns, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers	Instream Riparian, Instream, Wetland, Rivers/Streams/Shoreline	4		Caho Chinook	(deconcary opecies)	Feasibility Pending							12/31/2010 12/31/2011 12/31/2020	SEG South Puget Sound SEG Nisqually Indian Tribe	300000 77272.5		11-POWELL-1004 11-MISC-1004
6 Protection Nisqually	Restoration Projects Watershed- wide Hobitat Restoration Enhancement Projects	Capital Capital Capital	Powell Creek Watershed Restoration	This project will educate and inform the Powell Creek watershed community about potential restoration actions in the watershed. This project will adu identify new restoration projects.	Altered Stream Morphology/Stream Flow Patterns, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers	 Instream Rigarian, Instream, Wetland, Rivers/Shoreline			Coho Chinook	(aeconiaary Species) Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead	Feasibility Pending							12/31/2010 12/31/2011 12/31/2020	SEG South Puget Sound SEG Nisqually Indian Tribe	300000		11-POWELL-1004 11-MISC-1004
6 Protection Nisqually	Restoration Projects Watershed- wide Habitat Restoration Pohencement Projects	Capital	Powell Creek Watershed Restoration	This project will educate and inform the Powell Creek watershed community about potential restoration actions in the watershed. This project will adu identify new restoration projects.	Altered Stream Morphology/Stream Flow Patterns, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers	Instream Riparian, Instream, Wetland, Rivers/Steams/Shoreline			Coho Chinook	(aeconiaary Species) Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead	r Feasbilty Pending							12/31/2010 12/31/2011 12/31/2020	SEG South Puget Sound SEG Nisqually Indian Tribe	300000		11-POWELL-1004 11-MISC-1004
6 Protection Nisqually	Restoration Projects Watershed- wide Hubitst Restoration and Restoration Enhancement Projects	Capital	Powell Creek Watershed Restoration	The regist will access and inform the Pewel Deals waterated community along optical restoration actions in the waterated. This proper will also been the restoration of the restoration of the restoration of the restoration actions in the waterated. This provide will also been the restoration of the restoration of the restoration of the restoration. The feasibility of the restoration of the restoration of the restoration of the restoration of the restoration. The feasibility of the restoration of the restoration of the restoration of the restoration of the restoration. The feasibility of the restoration of the	Altered Stream Morphology/Stream Flow Patterns, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers	 Instream Riparia, Instream, Wetland, Rivers/Steams/Shoretine		plement and successfully erate wet to achieve 5% or	Coho Chinook	(aeconiaary Species) Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead	n Feasbilty Pending							12/31/2010 12/31/2011 12/31/2020	BEG South Puget Sound SEG Nisquaty Indian Tribe	300000		 11-POWELL-1004
6 Protection Nisqually	Restoration Projects Watershed- wick Habitet Restoration Fabriceners Projects Hatchery Hatchery	Cepter Ce	Powell Creek Watershed Restoration	The project and calculate and inform the Powel Deals waterable community along potential restoration actions in the waterabel. This project and a solubility was addressed and provided. In some or associates to be transmerse where the restoration and the solubility and potential restoration and the solution. The solution and and the solution and the solution and the solution and the solution and the restoration. The solution is a solution of the solution and the formation and the calculates at the functiony. The function is constrained with the posterior and the formation and the solution and the solution of the solution of an advection of the solution of the solution and an anongoing program to contravit by purposed with the values of the bodies of the solution of the solution of the solution of the solution and the contravity of the solution of the solution of a solution of the poster. The is deviated as an engoing program to contravit by purposed with a deviated for other to they address a solution of the poster. The is deviated as an engoing program to contravit by purposed in the values of the bodies of the solution of the poster. The is deviated as an engoing program to contravit by purposed in the values of the bodies of a solution of the poster. The is deviated program for contravit by purposed in the solution of trackits to bodies to help as the provide granties must be contravit. An associated are not the location of trackits to bodies to the prevised granties must be contravited. An association of the back bodies are the prevised granties that the bodies of a solution of purposed in the solution of trackits the prevised granties and the bodies of purposed and the prevised of the back bodies of trackits the prevised granties and the bodies of purposed and purposed and the purposed in the prevised and purposed a	Altered Stream Morphology/Stream Flow Patterns, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers	Instan Riparan Insteam Welland Inversityeam/Boodine		plement and successfully entite wet to achieve 3% or mposition on spawning surds.	Coho Coho Chinook	(aeconiaary Species) Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead	Peasbilly Pending	attoo 7	75.000	Weir Construction and Operation	1 500 000	Wer Operation		12/31/2010 12/31/2011 12/31/2020	BEG South Puget Sound BEG Nisqually Indian Tribe	77272.5		 11-POWELL-1004
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6 Protection Nisqually	Restoration Projects with relation of and relation of Pathonement Projects Restoration Pathonement Projects Restoration Pathonement Restoration Restor	n Captur n Captur Ca	Powell Creek Watershed Restoration	The project and calculate and inform the Powel Deals waterable community along potential restoration, actions in the waterabel. This project and along based on the project and the project a	Alevel Baars Mappinggelleven Tex-Paren Texture Access Events Texture 1 - Tex Passage/orderpoint/feature factors Events Texture 1 - Tex Passage/orderpoint/feature factors Events Texture 1 - Tex Passage/orderpoint/feature factors Events Texture 1 - Te	Patian Reprint, Insteam Webnet Reprint Distance Patient Insteam		st possible HOR/NOR	Chinask Chinask	California (Bacondary Species), Drum (Secondary Species), Dito California (Bacondary Species), StateRead (Bacondary Species) (Bacondary Species), Province (Secondary Species), StateRead (Bacondary Species), Province (Secondary Species), Date California (Sacondary Species), Drum (Secondary Species), DateRead (Bacondary Species), Province (Secondary Species), DateRe	Pessbilly Panding	nition 2	75.000	Half Controller and	1.500.000	Wer Goraton		12312010 12312011 12312020 0n - coing 12312020 12312010	Geo Geo Popel Sound BEO Nogesty Index Titles Nogesty Index Titles Normals Index Titles Normals Index Titles	77272.5 400000		 11-POWEL-1004
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Habitat	n Non-Canital	Thurston County CAO Revision	Thurston County staff time to do required undates to Thurston Countys Critical Jeea Ontinance	Regulatory Mechanisms		N/A			Chinook	Cutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Steehead (Secondary Species)								12/31/2009	Thurston County	280000		11-MISC-1010
Habitat	no Neo Capital	Thurston County Shoreline Master Program Revision	Tourston County staff time to do required undates to the countyr Shoreline Marter Dimension	Bassister Machanisme		NZA			Chinask	Seconday Secies Steehed (Secondary Secies) Cuttroat (Secondary Species), Chun (Secondary Species), Coho (Secondary Species), Pirk (Secondary Species), Bull Tout (Secondary Species), Pirk (Secondary Species), Bull Tout (Cuttroat (Secondary Species), Tum (Secondary Species), Cho (Secondary Species), Tum (Secondary Species), Cho (Secondary Species), Pirk (Secondary Species), Bull Tout (Secondary Species), Pirk (Secondary Species), Bull Tout								12/21/2011	Thurston Courty	444000		11 MISC 1011
Habitat		Pierce County Shoreline Master	INDEREN COMPTERENTING DE OFFICIENTS DE UN COMPTERENT DE LA							Cuthroat (Secondary Species), Churn (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout	1											
Protectio	nn Non-Canital	Program Revelues		Reculatory Mechanisms Photoptanic Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Stream Substrate,		NA			Chinook	(Secondary Species) Steelhead (Secondary Species)								12/31/2020	Pierce County	0		11.MISC.1012
				Completily, Ripositan Areas 8, LVD Tecouriment, Stream Subortan, Stream Flow, Water Courisity, Predatoricon-pression (Steasae, Attend Stream Morphology/Stream Flow Patterns, Excessive Sediment, High Water Temperatures, Loss of Hisbatt, Lead Thibattan Habit Diversity, Reduced Access to Spawning Habitat – Fah Diversity, Reduced Access to Spawning Habitat – Fah Diversity, Reduced Access to Spawning Habitat – Fah Diversity, Reduced Access to Spawning Habitat – Fah																		1 '
Habitat F	Project	Nisquelly Chinook Recovery Hebitat Monitoring		Diversity, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers, Reduced Habitat Capacity,					Objects	Cuthroat (Secondary Species), Coho (Secondary Species), Pink								10.04.0000	Manuali Jadas Taka	100010		44 1055 4044
Monitore	00 1000.1 2012		I reason and investoriation of a waterched whe handst and technological action monotoning stars in assess effect of non-setu stan	Floodplain Connectivity & Function, Channel Structure and		Nea.			1.00008	(Servinger Saenes) Steenesd (Servinger Saenes)								12201/2020	Nisoliaty Ionian Tope	466740		11.4051.1014
			The significance of Ohop Creek for salmon recovery has prompted the Nisqually Tribe and our partners to develop a	Completing, Reparting Action Section Records and Action Records and Ac	r						Feasibility	Plan Development, Initial										1 '
Habitat F Monitorin	Project no Non-Capital	Ohoo Monitoring Plan	The significance of Ohop Creek for salmon recovery has prompted the Nisqually Tribe and our partners to bevelop a large scale restoration and protection initiative in the basin. The magnitude and importance of this initiative creates a clear need to monitor the effectiveness of our efforts for protection and restoration Dhor Creek salmon babitat	 Passadevaliatedodence/valuar Barters, Reducted Padrat Cabacity Passadevaliatedodence/valuar Barters, Reducted Padrat, Cabacity 		NA			Chinook	Cutthroat (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)	Complete, Plan Outline Complete	Plan Development, Initial Data Collection and Analysis	40.000	Data Collection and Analysis	80.000	Data Collection and Analysis	60.000	12/31/2018	Niscually Indian Tribe	190000		11-OHOP-1006
				Recruitment, Stream Substrate, Steam Flow, Wete Chully, Reconstructment, Heam Substrate, Steam Flow, Wete Chully, Excessive Sadiment, High Water Temperatures, Loss of Habitat, Loss of Tributary Habitat Euversity, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenic/Natural Barriers, Reduced																		1 '
Habitat F	Project	Forest and Fish Prescription Implementation Monitoring/Tech.	This 1 FTE would support the continued monitoring of forest practices to ensure consistency with the Forest and Fish agreement and the Nieuwilli colored monitoring of the second secon	Loss of Tributary Habitat Diversity, Reduced Access to Spawning Habitat - Fish Passage/Anthropogenio/Natural Barriers, Reduced Mahitat - Concrite Resulton: Mechanisms		Piesrise			Chinosk	Cuthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Statebard (Secondary Species)								12/21/2020	Necually Jorian Tribe	209252.66		11 MISC 1012
			The significance of the Nisqually River estuary for salmon recovery has prompted the Nisqually Tribe, Nisqually	Floodplain Connectivity & Function, Channel Structure and				Implement ecosystem based restoration plan focused on fish, invertebrates, vegetation,														
Habitat F	Project	Refuge Estuary Restoration Project	National Wildlife Refuge, and our partners to implement large scale restoration projects in the estuary. The magnitude and importance of the estuary restoration projects creates a clear need to monitor the effectiveness of our efforts.	Complexity, Riparian Areas & LWD Recruitment, Water Quality, Predation/Competition/Disease, Altered Stream Morphology/Stream forw Enternet Loss of Unbit Medicated Hohity Councils		Entrana Plans Dalta		fish, invertebrates, vegetation, sedimentatio, hydrology, and other metrics	Chinock	Chum Bink Coho Steelhead	Feasibility Complete, Plan	Plan Refinement, Baseline	1 000 000	Data Collection	1 000 000	Data Collection	1 000 000		USGS, NIT, USFWS, Ducks Unlimited	2 000 000		11 ESTUARY 1005
Moritori	no recalcital		our enors.	 Flow Patterns. Loss of Habitat. Reduced Habitat Caeacity Floodplain Connectivity & Function, Channel Structure and Complexity, Riparian Areas & LWD Recruitment, Water Quality, Predation/Competition/Disease, Altered Stream Morphology/Stream Complexity, Loss of Lishibit, Deduced United Caeacity, Stream Complexity, Stream Stream Stream Stream Stream Stream Stream Complexity, Stream Stream Stream Stream Stream Stream Stream Complexity, Stream Stream Stream Stream Stream Stream Stream Stream Stream Stream		Callery River Locia		outer means.	Chilliook	Clutthroat (Secondary Species), Chum (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species), Pink (Secondary Species), Bull Trout	Occurre Complete	Conection	1.000.000	Data Conection	1.000.000	Data Collection	1.000.000		Ducks onlining	3.000.000		11-2010/471-1005
Habitat F Monitorin	Project no Non-Capital	Monitoring of Estuary Restoration at Red Selmon Slough	Monitoring of the physical and biological response to the 140 acres of tribal estuary restoration on the east side of the river.	Flow Falleris, Loss of Fabrial, Recoded Fabrial, Cabacity		Estuary River Delta			Chinosk	(Secondary Species), Pink (Secondary Species), Bull Trout (Secondary Species). Steelhead (Secondary Species)								12/31/2016	Nisqually Indian Tribe	174000		11-ESTUARY-1007
			The significance of the Mashel River for salmon recovery has prompted the Nisqually Tribe and our partners to develop a Jame scale restoration and protection initiative in the basin. The manifulde and importance of this	Podopani Connectivity & rolicolo, Charme outchine and Competity, Riparta Areas & LUN Recruitment, Steam Substrate, Steam Flow, Water Quality, Altered Steam Morphology/Stream Flow Patterine, Excessive Sodiment, High Water Temperatures, Loss of Habitat, Loss of Tributary Habitat Diversity, Reduced Habitat Connochi.																		1 '
Habitat F Monitorin	Project ng Non-Capital	Mashel Monitoring Plan	The significance or the reasone rows for sampler recovery has prolinging the reaganty must also due particular to develop a large scale restoration and protection initiative in the basin. The magnitude and importance of this initiative creates a clear need to monitor the effectiveness of our efforts for protecting and restoring Mashel River salmon habitat.	of Habitat, Loss of Tributary Habitat Diversity, Reduced Habitat Capacity		NA			Chinook	Cuthroat (Secondary Species), Coho (Secondary Species), Pink (Secondary Species), Steelhead (Secondary Species)	on-going	Data Collection and Analysis	55.000	Data Collection and Analysis	58.000	Data Collection and Analysis	61.000	12/31/2018	Nisqually Indian Tribe/SPSSEG	174.000		11-MASHEL-1004
																						1 '
Habitat Project		Nearshore Restoration	Nearshore restoration project treatments are relatively new and inherently experimental. This project will ensure that nearshore restoration projects are monitored sufficiently in order to assess the effectiveness of various											Plan Development and					SPSSEG, NIT,			1 '
Monitor	ring Non-Canital	Monitoring	restoration treatments						Chinook	Chum Pink Coho Steelhead		Plan Development	40.000	Implementation	100.000	Continued Implementation	75.000	2015	Souaxio WDFW			
																						1
		1				1	1	1	1		1	1		1								1
Harvest	:		The Variable Harvest and Weir Operations Schedule will utilize pre-season forecasts and in-season run updates to guide the passage of Chinook over the weir and harvest management to ensure that escapement and NOR/HOR				1		1		L						1					1
Manage Support	ement t Non-Capital	Variable Harvest and Weir Operations Schedule	guide the passage of Chinook over the weir and harvest management to ensure that escapement and NCR/HOR composition goals are met.	├		ļ		ļ	Chinook		Feasibility Completed	Schedule Developed	40.000	Schedule Implemented				2010	NIT			
						1	1	1	1		1	1		1								1
		1				1	1	1	1		1	1		1								1
Harvest			Monitoring the treaty commercial fishery is critical for stock assessment and adaptive management. Fishery monitoring provides fundamental data for management including but not limited to NOR and HOR abundance, timing,				1		1		1						1					1
Manage Support	t Non-Canital	Treaty Commercial Fishery Monitoring	momuning provides rundamental data for management including but not limited to NOR and HOR abundance, timing, and composition				+		Chinook	Pink Coho, Chum	On-oning		100.000		100.000		100.000	00-00100	NIT	\vdash		I
						1	1	1	1		1	1		1								1
						1	1	1	1		1	1		1								1
		1				1	1	1	1		1	1		1								1
Hannet			Salartius commercial fiching has the estential to increase batchery (Dincel: harvest rates while decreasing inpact on																			1
Manage	ament t Non-Capital	Testing Selective Commercia Fishing Gear	Selective commercial fishing has the potential to increase hatchery Chinook harvest rates while decreasing impact on natural origin fish. Various commercial fishing gear types will be tested for their effectiveness in catching Chinook while alvine the fisher the cooportunity to scenarade HORs from NORs and Ive release NORs.					Test 3 selective gear types	Chinook	Pink	Conceptual	Gear Purchase	100.000	Gear Test	50.000	Gear Test	50.000	2015	NIT			1
																						1
																						1
																						1
Stock	100	EDT Habitat Attribute	EDT Habitat Attribute Updates are needed to model the response of the Chinook population to habitat changes caused by large scale habitat restoration projects. Data from various monitoring and assessment projects will be synthesized and used to run the model updates. Model updates will be coordinated with major adaptive																			1
Support	t Non-Capital	Updates	management cycles (every 2 years).						Chinook			Model Updates	40.000	Database maintenance	20.000	Model Updates	44.100		NIT			 ┣────
																						1
Stock Monitor	ing	Chinook Spawner Surveys (mainstem, mashel, ohop,	Chinook spawner surveys are essential for determining the abundance, spatial and temporal distribution, and								Surveys on- going, would be					_						1
Support	t Non-Canital	rotating nanel)	composition of spawning Chinook						Chinook	Pink Coho	expanded	Survey	40.000	Survey	42 000	Survey	44 100	on-color	NIT WDFW			L
																						1
																						1
																						1
Stock Monitor	ring	Downstream Migrant	WDFW installed a downstream migrant trap on the Nisqually River in January 2009. The trap will enable managers to determine the abundance, timing, and diversity of migrating juvenile salmonids. When combined with adult the same same same same same same sales are safety as the same state of the same same same same same same same sam						Chinook,	Churr Balt Cala	1st Season	The Counting	135.000	Tere Counting	135.000	Tere Occurring	135.000		WDDW			1
			Charge and that to the that we also they is the ability to examine the other twey is the waters not						Sussen			train canada nois.	173.000	tran crimanus	123.000	nan constances.	123 1001		wurw.			
Chards																						1
Monitor	ring t Non-Capital	Otolith Analysis	Chinook otolith analysis provides key information on Chinook life history diversity including growth and residency in key habitats like the estuary						Chinook		00-00100	analysis of adult otoliths	100.000	analysis of adult otoliths	100.000	analysis of adult otoliths	100.000	on-coine	USGS, NIT, USFWS NisquallyNWR			1
Stock		Steelhead Spawner Surveys									Surveys on-											1
Monitor Support	ring t Non-Canital	(mainstem, mashel, ohop, rotating panel)	Stellhead spawner surveys are essential for determining the abundance, spatial and temporal distribution, and connosition of scaunion steelhead						Steelhead		going, would be expanded	Survey	40.000	Survey	42.000	Survey	44 100	on-oolog	NIT. WDFW			──
							1		1		1						1					1
		1				1	1	1	1		1	1		1								1
							1		1		1						1					1
							1		1		1						1					1
Stock			All salmon, including Chinook and steelhead, that spawn in the upper Nisqually River and in Ohop Creek and the Mashel River must swim through the fish ladder at the Centralia Diversion Dam. This creates an opportunity to Install a scone fish counter, at Microvide invaluable took assessment data, sepecially for steelhead that			1	1	Install sonar and get accurate counts of fish moving through	1		1	1		1								1
Monitor Support	ring t Non-Capital	DIDSON Counter @ Centralia Diversion Dam	install a sonar fish counter. A fish counter will provide invaluable stock assessment data, especially for steelhead that run at a time of high turbidity in the Nisqually River which prevents accurate spawner counts.					counts of fish moving through fish ladder	Steelhead	Chinook, Coho, Chum, Pink	Conceptual	Purchase and Install DIDSON	200.000	Operate DIDSON	40.000	Operate DIDSON	40.000	None	NIT			
							I –	I –	1		1									I I	T	1 -
																						1
		1				1	1	1	1		1	1		1								1
						1	1	1	1		1	1		1								1
			Puget Sound steelhead were listed as threatened in 2007. Preliminary information suggests that steelhead are experiencing poor survival as they migrate through Puget Sound. This project utilizes acoustic tags and receivers to track individual steelhead as they move through the lower Nisqually river, estuary, and Puget Sound in order to				1		1		1						1					1
Researc	ch Non-Capital	Steelhead Acoustic Tracking	determine mioration patterns and survival.	<u>├</u>					Steelhead		On-oping	tao >50 steelhead	59.000	tao >50 steelhead	61.000			2010	NIT			
							1		1		1						1					1
Watersh	hed						1		1		1						1					1
Man Implem ion &	ientat	Adaptive Management Plan	The Nisqually Chinook Adaptive Management Framework Implementation Project will provide the population modeling, habitat characterization, and stock status update support necessary to complete an adaptive management			1	1	1	1		1	Plan Development and		1		Major Adaptive						1
Coordin Watersh	nation Non-Capital hed	Implementation	cycle.		<u> </u>		+	1	Chinook		 	model runs	60.000	Plan refinement	40.000	Management Update	65.000	On - aoina	NIT	├		ł
Plan Implem	ientat	In-stream, off-channel, and estuary habitat project					1		1		1					a server of local local	1					1
ion & Coordin Watersh	nation Non-Capital	Restoration Biologist					+		 		 	1 FTE (including 54% indirect)	\$105.000	1 FTE (including 54% indirect)	\$110.000	1 FTE (including 54% indirect)	\$113.300		Nisqually Tribe	\$328.300		ł
Plan Implem	ientat	L					1		1		1						1					1
ion & Coordin Water	nation Non-Canital	Salmon RecoveryProject Technician				I			I		I	.5 FTE (including 54% indirect)	\$40.425	.5 FTE (including 54% indirect)	\$47.446	.5 FTE (including 54% indirect)	\$43.720		Nisqually Tribe	\$126.591		I
Plan Implem	ientat	Lead entity coordination/Salmon					1		1		1						1					1
ion & Coordin	ation Non-Capital	coordination/Salmon Recovery Program Management					l					Staffing (1 FTE + 54% indirect)	\$124.740	Staffing (1 FTE + 54% indirect)	\$129.360	Staffing (1 FTE + 54% indirect)	\$133.241		Nisoually Tribe	\$387.341		
Watersh Plan Teople	ientat																					1
ion & Coordin	nation Non-Capital	GIS support for plan development /implementation										Staffing (1 FTE + 54% indirect)	\$124.740	Staffing (1 FTE + 54% indirect)	\$129.360	Staffing (1 FTE + 54% indirect)	\$133.741		Nisqually Tribe	\$387.341		
Watersh Plan	hed	Development and																		T	T	1
Implem ion & Coordin	ation Non-Capital	Development and Coordination of Adaptive Management Program										Staffing (1 FTE + 54% indirect)	\$118.580	Staffing (1 FTE + 54% indirect)	\$123.200	Staffing (1 FTE + 54% indirect)	\$126.896		Nisqually Tribe	\$368.676		<u> </u>
Watersh Plan	hed																					[
Implem ion &	Non-Carity	Identify and research key				1	1		1		1	Staffing (1 FTE + 54%	\$118 580	Staffing (1 FTE + 54%	\$123.200	Staffing (1 FTE + 54%	\$176.896		Nisqually Tribe	\$368.676		1
 - oprolin	the second second second	and the second s							_									_				

	Watersh	ned																			
	Impleme	entat	complete Adaptive Management plan and									1									
	Impleme ion &		Management plan and							complete structure,											
	 Coordina	ation Non-Capital	database							trackino database	\$75.000	update, adjust structure	\$25.000		\$0		Nisqually Tribe	\$100.000			
												1									
	Watersh	hed										1									
	Plan											1 FTE data manager,		1 FTE data manager,							
	Impleme ion &	entat										database maintenance		database maintenance							
	ion &		Adaptive Management									costs, maintenance, data		costs, maintenance, data							
	 Coordina	ation Non-Capital	database		 							input	\$126.000	input	\$129,780		Nisqually Tribe	\$255.780			
												1									
												1									
			Nisqually National Wildlife									1									
	Outread	th &	Nisqually National Wildlife Refuge Education Program									1									
	 Educatio	on Non-Capital	(obi. 3.1. Goal III)	Conduct environmental education program at Nisoually NWR to serve up to 15 000 students annually						outreach and education	\$75.000	outreach and education	\$79.000		\$82.000	on-coina	USEWS	\$237.000	\$20.000	Friends of Nisqually NWR, USEWS	
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1 1	Outreed	h 6.	Nicoually Rive-					1	1 1			1								City of Yelm, Dept. of Ecology, EPA, NFWF, Nisqually Indian Tribe, Pierce Co.	1 1
	Educatio	on Non-Capital	Education Project	outreach and education for K-12 students in the Nisoually watershed				1		1 FTE plus program costs	\$90.000	1 FTE plus program costs	\$90.000	1 FTE plus program costs	\$90.000	on-going	Nisqually River Foundati	\$130.000	\$140.000	Thurston Co.	
	Outread	th &	Nisqually River Education Project Nisqually Stream			1															
	 Educatio	on Non-Capital	Stewards Implementation/Effectivenes	outreach and education for all residents in the Nisoually watershed and surrounding areas						1 FTE plus program costs	\$120.000	1 FTE plus program costs	\$125,000	1 FTE plus program costs	\$130.000	on-colog	Niscually Tribe	\$275.000	\$100.000	Nisqually Tribe, WDFW	
1 1	000	New Conduct	Implementation/Effectivenes s/Validation Monitoring	Coordination of monitoring of overall recovery plan				1	1	Monitoring of projects /	445 350	Monitoring of projects /	447.741	Monitoring of projects /	440.177		Table	4142.262		Mission Br. Tolka	
	 Uther	Non-Capital	s/Validation Monitoring	Coordination of monitoring of overall recovery gian						oran	\$46.350	olan	\$47.741	olan	\$49.173	on-coing	Inde	\$143.263		Nisoually Inibe	
												1									
												1									
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			Nequally Land Trust administrative/facilities support	Nisqually Land Trust program support is critical for the continued operation of the land trust and the fulfillment of its mission. The								1									
	 Other	Non-Capital	administrative/facilities support	Nisoually Land Trust is the major organization working on salmon habitat protection in the Nisoually basin.							\$50.000		\$50.000		\$50.000	onaoina	Nisoually Land Trust	\$127.500	\$22,500		
	Other	Non Capital	Manually Diver Council Support	Staffine of Nisqually River Council, Watershed Festival, newsletters, and subcommittees							\$100.000	1	\$100.000		\$100.000		Nisqually River	*0	200.000	WA Dept of Ecology	
	 outer	Ron-Califia		Samo o resolary rove Courte mainship reside investers, and solectionings							3100.000		5100.000		5100.000		Foundation	30	5300.000	His Dive & Proces	
												1					Nisqually River				
	Other	Non-Capital	Nacually Sustainable Initiative	Marketino of sustainable local businesses						Development	\$100.000	Implement	\$500.000	molement	\$500.000		Foundation	\$217.000	\$883.000	EPA	
												1					Nisqually River				
	Other	Non-Capital	Nacually Low Impact Developmen	Implementation of Low Impact Development projects in the Nisoually watershed						FTE Implement	\$75.000	FTE Implement	\$75.000	FTE Implement	\$75.000		Foundation	\$125.000	\$100.000	WA Dept of Ecology	
												1					Nisqually River				
	Other	Non Capital	Neously Water Conservation	Write conservation plans for Class A water purveyors in the Nisnually Watershed						Otoff write plans	\$100.000	Implement plans	\$60,000				Nisqually River	*0	160.000	WA Dept of Ecology	
												1									
1 1		1	1	1				1	1	coordinate plan		coordinate plan									
		1	1							development, work with		development, work with									1 1
		1	1							contractor to model		contractor to model									1 1
		1	Multispecies Nisqually	Utilize EDT and other models to publish a multi-species Nisqually salmon recovery plan that addresses all four 4 H's.					1 1	conditions, scenarios,		conditions, scenarios,									1 1
	 Other	Non-Capital	Salmon Plan	This includes formulation of noals, objectives and an action plan to restore salmon purs to PEC						develop options	\$75.000	develop options	\$75.000			2009	Tribe	\$150.000			
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South Puget Sound 3-Year Priority Project List

The Excel spreadsheet lists the 3 year project list for the South Puget Sound action area. This is defined as the marine waters south of the Tacoma Narrows and all freshwater sources flowing into them.

The term "South Sound" refers to a geographical location. Numerous non-governmental and governmental entities have coalesced around this geographic area and agreed to cooperatively identify, prioritize, and implement projects on the list. However, the only legislatively mandated group recognized for administering funds is the Water Resource Inventory Areas, the WRIA. Because of this constraint the information in the spreadsheet is displayed for each of the WRIA's in South Sound.

The projects presented are the highest priority projects in each WRIA as designated by the technical and citizens committee for that WRIA.