

| Rivers Smith Projects | | 2004-5 | | | | | | | | |
|-------------------------------------|--------------------------------------|------------|---|---|----------|--------------|------------|------------|------------|---------------|
| | Project Area | Species | Outcome | 2004/5 Activities | Priority | Cost | PSEF | DFO | Other | |
| Information and Coordination | Coordination and Support | | | | 1 | \$ 52,000 | \$ 52,000 | | | |
| Abundance / Stock assessment | Docee Fence | sk, co, ch | adult counts for inseason and postseason | | 1 | \$ 95,000 | | \$ 95,000 | | |
| | Long Lake juvenile assessments | sk | fall fry abundance for postseason | spring and fall surveys | 1 | \$ 25,000 | | \$ 25,000 | | |
| | Owikeeno Lake juvenile assessments | sk | fall fry abundance for postseason | spring and fall surveys | 1 | \$ 25,000 | | \$ 25,000 | | |
| | Owikeeno adult enumeration | sk | index of adult abundance for tribs | Fall stream surveys | 1 | \$ 70,000 | | \$ 70,000 | | |
| | | sk | absolute abundance of Owikeeno aggregate | Wannock acoustic | 2 | \$ 75,000 | \$ 50,000 | | | |
| | | | | Marine sounding program | 2 | \$ 45,000 | | | | |
| | Sockeye smolt size and age - Owikeno | sk | linked to fall fry abundance estimates | Wannock RST | 3 | \$ 20,000 | | | | |
| | smolt size, age, and timing - Long | sk, co, ch | linked to fall fry abundance estimates | Docee RST | 2 | \$ 30,000 | | \$ 15,000 | | |
| | Chinook assessments | ch | index of adult abundance, juvenile surveys? | dead pitch | 1 | \$ 16,000 | | | \$ 16,000 | PST + private |
| | Chinook assessments | ch | | Aerial surveys, stream walks | 1 | \$ 18,000 | | \$ 18,000 | | |
| | Coho assessments | co | index of adult abundance, juvenile surveys? | fry density surveys | 3 | \$ 10,000 | | | \$ 10,000 | PST |
| | Coho assessments | co | | adult AUC estimates | 2 | \$ 30,000 | | | | |
| | Chum assessments (Nekite) | cm | index of adult abundance, juvenile surveys? | mark recapture survey | 3 | \$ 30,000 | | | | |
| | Sport harvest monitoring | ch, co | catch data | lodge and non-lodge creel surveys | 2 | \$ 25,000 | | | | |
| | Strategic Enhancement | all | fry augmentation #s?, fecundity | broodstock, incubation, marking, sampling | 1 | \$ 150,000 | | \$ 150,000 | | |
| | | sk | recovery of marked enhanced sockeye | samples? | 1 | \$ 25,000 | | \$ 25,000 | | |
| | | | | Wannock chinook coded wire tagging | 1 | \$ 35,000 | | | \$ 35,000 | Sport Fish |
| Habitat Protection / Rehabilitation | Critical habitat surveys | all | Highest level of protection | Long Lake chinook | 1 | \$ 5,000 | \$ 5,000 | | | |
| | | | | assemble critical spawning & rearing habitat data | 1 | \$ 5,000 | \$ 5,000 | | | |
| | | | | write-up Wannock estuary mapping | 2 | \$ 5,000 | | | | |
| | Logging impacts to lake habitat | sk | opportunities to improve habitat | Machmell flats log removal feasibility study | 2 | \$ 10,000 | | | | |
| | | | | Dallary / logged watershed comparison | 3 | \$ 10,000 | | | | |
| | Various stream restoration | co, ch, sk | opportunities to improve habitat | Investigate channel connection opportunities | 3 | \$ 15,000 | | | | |
| | Estuary assessment/restoration | all | opportunities to increase survival | breach the Wannock dyke and monitor | 1 | \$ 10,000 | | | \$ 10,000 | TransLake |
| | Lake enrichment | sk | increased survival | Long Lake fertilization | 3 | \$ 150,000 | | | | |
| Knowledge | Owikeeno and Long Lake limnology | sk | factors limiting fry production | monitor zooplankton community - summer | 1 | \$ 5,000 | \$ 5,000 | | | |
| | Early marine productivity studies | sk | factors limiting smolt survival | SFU study | 1 | \$ 90,000 | \$ 50,000 | \$ 15,000 | \$ 25,000 | |
| | Early marine seal predation studies | all | factors limiting smolt survival | seal survey | 3 | \$ 10,000 | | | | |
| | Lake sediment studies | sk | historical abundance info | core analysis | 3 | \$ 10,000 | | | | |
| | Gather traditional knowledge | all | historical abundance, distribution, use | Gwa'sala-'Nakwaxda'xw Nation interviews | 2 | \$ 10,000 | | | | |
| | Ecosystem studies | all | increased understanding of ecosystem | model ecosystem | 3 | \$ 250,000 | | | | |
| | Capacity studies | co | | develop habitat model for coho | 3 | \$ 20,000 | | | | |
| Monitoring and Evaluation | Various stream restoration | co, sk | | Machmell channel | 1 | \$ 15,000 | | | \$ 15,000 | |
| | | | | | | \$ 1,396,000 | \$ 167,000 | \$ 438,000 | \$ 111,000 | |