

**Bridge Coastal Restoration Program:
Stave River Watershed – Summary of Agency Fish Priorities**

| Species | Priority | Project | Agency |
|--------------------------|---------------|---|--------|
| Fish | | | |
| Lower Stave River | | | |
| Chum Salmon | high | Population stable and likely at or near capacity. Current escapements range from 200,000 to 600,000 spawners. | DFO |
| | high | Ongoing replenishment of gravels in the Lower Stave and upgrading of existing spawning areas is a high priority. DFO advises that every 10-15 years, maintenance is required and is a priority. | DFO |
| | high | Lower elevation of east bank channel (near boat launch) to reduce stranding of both adult and juvenile salmonids. | DFO |
| Coho Salmon | high | No target identified for coho and most use is confined to Thompson Creek. | DFO |
| | high | Ensure access to Thompson Creek and maintain existing habitat. | DFO |
| | high | East bank spawning channel project identified for chum will benefit coho. | DFO |
| | low | Few projects for coho are practical and DFO advises that coho projects other than above should be considered a low priority. | DFO |
| Sockeye Salmon | medium | No targets identified at this time | DFO |
| | medium | Genetic analysis of sockeye adults to determine origin. | DFO |
| Pink Salmon | low | Number of spawners appears to be increasing. Target set for 15000 spawners. | DFO |
| | low | Pinks will benefit from chum projects so any pink specific projects are considered a low priority. | DFO |
| Chinook Salmon | low | Interim Target of 500 naturally producing spawners. | DFO |
| | low | No practical chinook restoration projects. Chinook will benefit from chum projects. | DFO |
| Steelhead Trout | high | No target available but the highest priority in the lower river. | MOE |
| | high | Feasibility assessments to identify projects to improve steelhead parr habitat. | MOE |
| | high | Undertake projects identified in feasibility assessments. | MOE |
| Cutthroat Trout | high | Blue listed, no targets provided. | MOE |
| | high | Stream evaluations to determine stock status and habitat capacity required before restoration feasibility can be undertaken. | MOE |

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| | high | Feasibility assessments for habitat restoration projects in mainstem and tributary streams. Subject to completion of stream habitat and capacity assessments. | MOE |
| | high | Ensure access and maintain habitat in Marshall Creek. | MOE |
| Bull Trout | low | Limited information, no targets identified . Restoration is a low priority at this time. | MOE |
| Other species | low | Rainbow trout, bass and sturgeon are also present but little information is available. Restoration is a low priority at this time. Bass is an invasive species and MOE does not support any projects which would benefit these species. | MOE |
| | high | Projects which would control/reduce bass populations. | MOE |
| Hayward and Stave Reservoirs | | | |
| Kokanee | high | No targets , limited information although MOE are a high priority from a management perspective. No feasibility or restoration projects identified. | MOE |
| Cutthroat Trout | high | No targets , limited information. | MOE |
| | high | Projects directed at improvements to or removing man-made obstructions in tributaries | MOE |
| Littoral productivity | high | Projects aimed at improving littoral productivity including fertilization of existing plant communities and control of ATV traffic in plant communities. | MOE |
| Multi-Species Watershed- wide | | | |
| | high | Due to limited information, MOE staff are unable to identify targets or prescribe restoration opportunities. MOE staff advised that any well designed project which provides insight into fish use and limiting factors ultimately leading to identifying restoration projects is a high priority. | MOE |
| Unsupportable projects | high | Any recontouring projects undertaken in the lower river need to address the potential impact on parr habitat and limiting steelhead production. MOE staff will not support projects which may impact parr habitat. | MOE |

**Bridge Coastal Restoration Program:
Stave River Watershed – Summary of Agency Wildlife Priorities**

| Species | Priority | Project | Agency | Conserv Framework |
|----------------------------|---------------|--|------------|--|
| Wildlife | | | | |
| Pacific water shrew | high | Projects should link to Recovery Team objectives Habitat Restoration using Existing BMPs Recovery habitat assessment in watershed Manage suitable habitat where possible | MoE | 5,6,1 |
| Western Screech-Owl | high | Riparian dependent Species at Risk, habitat restoration and securement potential. Inventory lacking Nest box programs? | MoE | 6,2,4 |
| Great Blue Heron | high | Species at Risk. Nesting habitat (riparian) and foraging habitat restoration and securement potential | MoE CWS | 6,2,3 |
| Riparian Habitat | high | Conservation covenants and restoration of damaged sites, especially low-gradient areas | MoE CWS | |
| Wetlands | high | Conservation and restoration to more natural conditions. Long term conservation. | MoE CWS | |
| Species At Risk in general | High | Inventory is key, we know very little about many species' distribution and abundance Restoration of habitat Securement of Critical Habitat | MoE CWS | |
| Ungulate winter range | high | Winter range enhancement (mountain goat at nw end of Stave Lake, elk, black-tailed deer), by thinning, spacing, prescribed burns Riparian forest conservation (elk and deer) | MoE | |
| Elk | high | Recently transplanted into Stave, monitoring required | MoE | 3,2,3 |
| Spotted Owl | high | Needs landscape-level management Projects should link with Recovery Strategy | MoE | 5,6,2 |
| Riverine birds | medium | Mergansers, American Dipper, Harlequin Duck, this species group affected by multiple BC Hydro operations Water quality, stream productivity and fisheries relationships Riparian conservation Research on genetics and dispersal of birds between river systems, connectivity of populations over larger scales | CWS | AMDI 6,6,6 HADU 4,1,3 COME 6,6,5 |
| | | | | |

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| Band-tailed Pigeon | medium | Securement of critical mineral sites | MoE, CWS | 5,2,3 |
| Northern Goshawk | medium | Breeding habitat conservation, landscape level land management | MoE | 2,6,1 |
| Red-legged Frog, Western Toad Coastal Tailed Frog | medium | Conservation of streams and riparian habitats Conservation covenants on private lands Water quality initiatives Inventory and research needed | MoE, CWS | 3,1,2 3,2,4 4,1,2 |
| Furbearers | Low-medium ? | Inventory and landscape-level habitat management | MoE | |
| Bald Eagle | Low-medium ? | Winter roost, nesting habitat conservation Riparian covenants | MoE | 6,6,6 |
| Osprey | Low-medium ? | Nest sites on Stave Lake and lower Stave River | MoE | 6,6,6 |