



Work Plan 2016

Larson Creek Estuary & Rearing Pond

Collaborate with the District to improve the estuary and habitat near the creek mouth in conjunction with plans to upgrade Larson Bay Park in 2017. Near Marine Drive, investigate ways to reduce sediment capture in the rearing pond, clean up debris on the creek bank near the Lions parking lot and control drainage from the elevated highway into the creek. Status: Streamkeeper proposal for creek mouth project being prepared for submission to the District.

- Coordinators: Rich Ketchen & Elizabeth Hardy
- Timeline: Proposal by late January and, if accepted, detailed plans by Q4 2016
- Budget: Nil for proposal, TBD for detailed assessment and work plans

Nelson Creek Estuary

Collaborate with the District to develop a concept plan to improve fish passage at the creek mouth. Status: District agreed to fund a preliminary feasibility study in 2016.

- Coordinator: Bill McAllister, with Rich Ketchen, Elizabeth Hardy and Lori Williams
- Timeline: Preliminary feasibility in 2016, project start-up possible in 2017
- Budget: \$5,000 to \$10,000 for assessment/scoping study, possibly funded by District. Estuary improvement funding TBD

Wood Creek at Parc Verdun

Develop plans to restore and protect eroded creek bank adjacent to tennis courts in Parc Verdun. Status: District waiting for response from Sartori Environmental and for District engineering staff to assess structural components.

- Coordinator: Elizabeth Hardy, with Rich Ketchen
- Timeline: Mid-2016
- Budget: Nil, funded by the District

Eagle Creek near the mouth

District to assess the culvert running under two residential properties near the creek mouth for possible upgrade or replacement, either of which will improve fish passage. Status: Engineering report completed by KWL, waiting for release of report by District.

- Coordinator: Elizabeth Hardy, with John Barker
- Timeline: TBD
- Budget: Nil

Cypress Creek at the DFO weir

Investigate alternatives to the fish ladder at the DFO research lab weir to improve passage for returning pink salmon. Status: Favourable preliminary meeting with DFO staff, who offered support. Consultation with the District on selection of an environmental consultant the next step.

- Coordinator: John Barker, with Rich Ketchen, Don Harrison and Noel Murphy
- Timeline: Preliminary assessment by spring 2016, construction possible by summer 2016
- Budget: Preliminary assessment to be covered by Cypress Creek reserve fund of approximately \$9,000

Rodgers Creek estuary

Assess and adjust estuary enhancements completed in 2015 and finalize accounting. Status: Preliminary meetings held in January with Balanced Environmental to assess conditions and determine next steps for adjusting the defined channel and armour rock.

- Coordinator: Bill McAllister, with John Barker and Rich Ketchen
- Timeline: April 2016
- Budget: Costs covered with initial project funding

McDonald Creek at Fulton Avenue

Monitor the effectiveness of modifications made in 2015 to improve fish passage through the culvert under Fulton Avenue and explore other modifications as needed.

- Coordinator: John Barker, with Dave Martin, Bill McAllister and Mike Akerly
- Timeline: TBD
- Budget: TBD

McDonald Creek at Hay Park

- Install a valve in the water intake line to regulate flow into the rearing pond
- Coordinator: Dave Martin
- Timeline: January/February 2016
- Budget: TBD

McDonald Creek at Inglewood Ave

Assess the feasibility of adding a fishway over the concrete sill on the north side of Inglewood. Status: Preliminary

- Coordinator: Bill McAllister, with John Barker
- Timeline: TBD
- Budget: TBD

Lawson Creek at the Legion

Upgrade or replace damaged fishway at the Legion. Status: Preliminary drawings for concrete fish ladder provided by Sartori Environmental. Waiting for engineering and hydrology reports from Binnie Consulting, and a budget.

- Coordinator: John Barker, with Mike Akerly
- Timeline: TBD
- Budget: TBD

Lawson Creek, near the mouth

Develop a proposal to the District for naturalizing the lowest section of Lawson Creek below Argyle Avenue. This project would be part of the District's plans to revitalize Ambleside. Status: Preliminary meetings held with the District and Resource Restoration Unit of DFO, with favourable response from both parties.

- Coordinator: John Barker, with Bill McAllister, Rich Ketchen, Liz Leduc and Bill Chapman
- Timeline: Proposal by spring 2016
- Budget: TBD

West Brothers Creek at Wildwood Court

Maintain adequate year-round flow in West Brothers Creek by limiting flow into the diversion culvert under the Upper Levels Hwy. Status: District to be asked to inspect area and provide a solution.

- Coordinator: John Barker
- Timeline: Spring/summer 2016
- Budget: Nil, funded by the District

Integrated Stormwater Management Plan

Provide input to the District and its consulting engineers on protecting fish and wildlife habitat in the Brothers, Hadden and Vinson watersheds.

- Coordinator: Bill McAllister, with Don Harrison, Elizabeth Hardy and Hugh Hamilton
- Timeline: Preliminary meetings in 2016, project completion in 2017
- Budget: Nil