

West Vancouver Streamkeepers Work Plan 2015

Introduction

Creeks are listed in order from West to East.

This year we expect returning (in order of arrival) Pinks, Coho and Chum.

Ongoing Tasks for all Creeks

- Monitors will survey for emerging salmon fry during April and May.
- Monitors will survey for spawning salmon each fall - September to December.
- Monitors will observe creeks for blockages and unnatural debris to assist fish passage and keeping creeks clear and clean.

Larson Creek

- The assessment of this creek will continue before any further enhancement work commences. The water sampling by DWV will be completed this year.
- DWV Audubon certification for Gleneagles golf course will continue.

Nelson Creek

- Sartori Environmental is assisting to develop an estuary improvement recommendation which will provide better access into the creek from the ocean for returning adult salmon.

Nelson Creek Hatchery

- Just over 100,000 chum eggs were received from the Alouette River Hatchery in mid-December 2014. In addition, about 30,000 coho eggs will be received from the Capilano River Hatchery in late January.

Eagle Creek

- KWL Engineering, under the direction of the DWV, is currently conducting an assessment of the culvert that runs under two properties near the mouth of the creek. This will require an upgrade or replacement of the culvert which is expected to improve fish passage.

Wood Creek

- Continue the assessment of the effectiveness of the introduction of woody debris (logs and root wads) and six boulder clusters placed in Parc Verdun in 2014. These placements are designed to improve both spawning and rearing habitat.

Willow Creek

- Further assessment and clearing of the culvert will continue during 2015.

Cypress Creek

- The fish ladder, which is presently undergoing some repairs, will be installed in late August and removed in late summer after the pink salmon run is over.

West Vancouver Streamkeepers Work Plan 2015

Rodgers Creek

- The fish ladder at Marine Drive will need to be cleared prior to the spawning season.
- Consideration is being given to seeking approval and funding to create a similar enhanced estuary as constructed at the mouth of McDonald Creek. This is intended to assist returning adult coho and chum salmon to gain easier and steady access to Rodgers Creek through the spawning season.

McDonald Creek

- The Estuary Enhancement Project will be completed this spring. Remaining work includes the placement of large perimeter rock on the north side of the new creek path, more beach sand and topsoil, planting of native vegetation and the installation of permanent interpretive signage.
- The Hay Park intake box will be re-installed.
- The existing Memorial Park intake pipe may need to be upgraded to an intake box due to continuous build-up of fine sediment and leaves around the intake which block the flow of water into the rearing pond.
- The Fulton Avenue culvert assessment by KWL Engineering will be completed and hopefully confirm the fish ladder design is suitable for this crossing. The ladder may then be installed this summer.

Lawson Creek

- The fish ladder was damaged by boulders during a heavy rain event and needs to be repaired. A design for a more effective fish ladder will be investigated in 2015.

Hadden Creek

- At Hadden Drive, the DWV is exploring the feasibility and cost of making this culvert crossing passable for returning coho salmon. Salmon surveys last fall show numerous coho staged in several pools below the Hadden Drive culvert.
- Capilano Golf Club . preliminary work is being undertaken led by the Club to explore the feasibility and cost of creating similar passage for salmon at the culvert where Hadden Creek leaves the golf course.

Storm Drain Marking

- The program enters the eighth year of painting the yellow fish+adjacent to storm drains on local streets with elementary-aged school children. There are three possible schools that will participate in storm drain marking this spring.

Yellow Fish Creeks Roadside Signs

- Streamkeepers, in partnership with DWV, will continue the program of installing new yellow fish+metal signs at road crossings of local streams. We expect to complete 10 installations this year.