

2014 Work Plan Results 2014

Creeks are listed in order from West to East

Larson Creek

- The rearing pond adjacent to Marine Drive was suctioned of excess silt in July.
- The by-pass culvert junction under the fire hall parking lot has been caulked to maximize the flow to the pond during the summer months.
- We are undertaking an assessment of this creek to attempt to understand the lack of returning adult coho. Water samples have been taken by DWV.
- DWV Audubon certification for Gleneagles Golf Course is in progress.

Nelson Creek

- Sartori Environmental is working on a potential estuary improvement that will provide better access into the creek for returning adult salmon.
- Assessment at higher flow conditions was necessary to complete the design criteria.

Hatchery Report

- Nelson Creek Hatchery . 120,000 chum fry were released in late April and 40,000 coho fry were released in mid-June 12 into local creeks.

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 is expected to require a significant upgrade or possible replacement. The present condition of this culvert is becoming a deterrent to salmon passage.

Wood Creek

- The addition of woody debris (logs and root wads) and six boulder clusters downstream from Marine Drive in Parc Verdun was completed in July prior to the spawning season.

Willow Creek

- A partially plugged culvert and an excess of silt downstream were vacuumed (cleaned) to improve water and spawning habitat. The work was under the direction of environment consultant Whitehead and Associates.

Cypress Creek

- The fish ladder was installed in late August due to a small school of pinks observed at the mouth. A large number of pinks were observed in the pool below the weir in early October at the location of the fish ladder. The ladder was removed in early November and will be re-installed in August next year.

Rodgers Creek

- The fish ladder at Marine Drive was cleared prior to the spawning season.

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McDonald Creek

- The construction phase of the Estuary Enhancement Project was completed. After the site settles following winter weather conditions, more work will be undertaken to complete the project including vegetation planting and large rock placement. Temporary information signage will be replaced with permanent interpretive signage which also recognizes those who funded or donated to the project.
- The new Hay Park intake box that was installed this year was dislodged from its foundations during a heavy rain event on November 3 and will be re-installed during a low water period. A temporary remedy has maintained the flow.
- The existing Memorial Park water intake system for that rearing pond was also impacted by the same storm event and will need to be upgraded in 2015.
- The Fulton Ave fish ladder has been designed and KWL Engineering is completing a feasibility study to confirm the suitability of this enhancement.

Lawson Creek

- The trash rack at the Legion became plugged during the November 3 severe `10 Year` rain event and overflowed and flooded the Legion and several Marine Drive establishments. The fish ladder was partially damaged and became filled with stream debris. The ladder was cleared and temporarily repaired. A new design ladder will be investigated in 2015.

Hadden Creek

- Two returning adult salmon events have prompted the urgency to extend salmon access in upper Hadden Creek. A good run of coho resulted in fish holding in several pools below Hadden Drive, below the impassable culvert at this location. We are working with DWV to determine a means of making this crossing passable and develop a cost estimate to achieve this stream enhancement initiative. In addition, a large number of chinook salmon were observed in Hadden Creek upstream from Stevens Drive this fall.

Storm Drain Marking

- Four outings were completed in the spring with two schools . Pauline Johnson and West Bay Elementary schools. A total of 178 storm drains were marked with the painted yellow fish+bringing our combined total to 1,798 for the seven years of this program.
- The effect of the teacher's strike and poor fall weather for painting resulted in postponement of the events for St. Anthony's and Caufeild Elementary schools until the spring of 2015.

Yellow Fish Creeks Roadside Signs

An inventory of locations for new signs was conducted in late fall. Twenty possible locations were identified.