

Hoy Creek Fish Kill

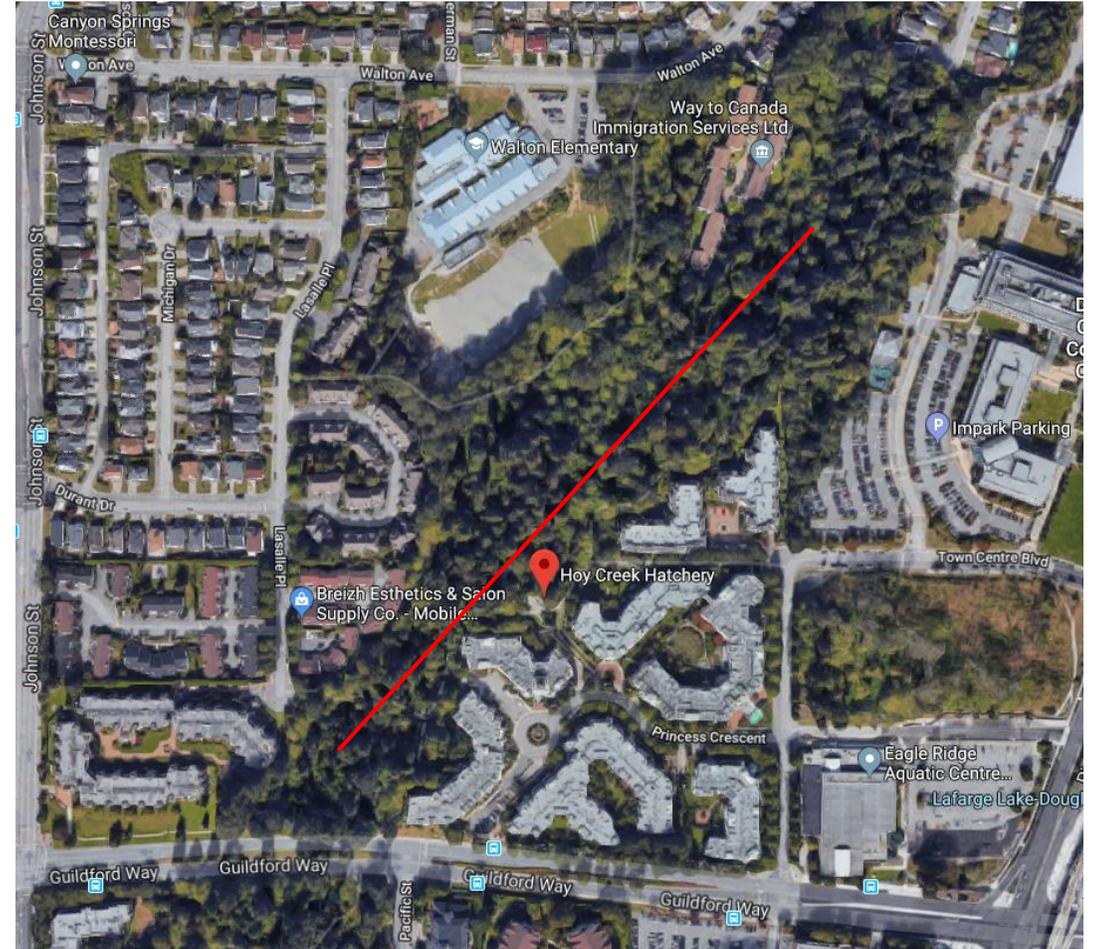
May 29, 2019

Summary

- Dead fish observed in Hoy creek by local residents during the morning of May 29, 2019 and reported to City of Coquitlam Engineering.
- Bylaws officers attended and suspected a release of chlorinated pool water to the creek.
- Hoy Creek hatchery volunteers attended the hatchery ~ 4pm to find a mass mortality event of the coho fry raised at the hatchery (estimated 80% loss)
- Hoy Creek hatchery volunteers walked the creek to observe the impact to wildlife in and around the stream:
 - In each pool and run from the source to the end, there were dead fish and invertebrates present. Very few live fish, if any were observed.
 - Dead carcasses observed: Coho fry, rainbow trout fingerlings, lamprey, cutthroat trout, crayfish, terrestrial worms.
- It is unclear if there was further risk to human health, domestic pets or wildlife around the creek → there was evidence of animals scavenging on fish carcasses.

Length of fish kill

- Start: Culvert west of Hoy creek downstream from the foot bridge at the White Pine cul de sac
- End: 30m-40m upstream of the culvert at Guildford Way





***Dead fish circled in red

- 5" trout



- 8" lamprey



- Crayfish



- 5" rainbow trout



- Pool of dead Coho fry



- Mortalities at the hatchery – estimated 80% loss across the population of over 5000.
- Most fish were dead. Many at the surface were moribund – still breathing but not likely to survive



Next steps

- Reports have been made to the City of Coquitlam Engineering & Bylaws as well as DFO's Observe, Record, Report line.
- We will await further follow-up from the authorities as they conduct their investigation.