

---

# POPULATION T'USSI

## GRAYLING

---

### Concern

#### Populations are down

Community knowledge, acquired through consultation for this plan, indicated concern about grayling populations. It was not clear whether this meant fewer fish or smaller fish or both.

#### Solution Get better information on grayling in the Teslin Tlingit traditional territory

This solution relies on community knowledge about grayling and is intended to build up a detailed and ongoing picture of grayling populations in the traditional territory.

#### Actions

Responsible parties, Time line

##### TTC

2001/02

2002/03

2003/04

2004/05

##### Track grayling harvest

The TTC harvest monitoring program (see Harvest monitoring, page 12) will track fish harvesting, and thus grayling could be included and would form another means of assessing populations. The Yukon government system is not structured to track fish harvests and these are only done as special projects (see section on trout, page 11). [2001-Tes-AI-18]

##### RRC

2002/03

##### Ask volunteers to report "observations" on grayling fishing

Local grayling fishers are well known in the Teslin community. This action would ask them to volunteer to check out known grayling areas in the traditional territory (by fishing) and tell the RRC what they see. The RRC would advise the volunteers ahead of time what they should be looking for (e.g. are you catching just a few fish, mainly small fish, mainly large fish?, etc.) [2001-Tes-AI-20]

### Concern

#### Spawning areas at risk

Spawning runs are sometimes at risk. This is known to be the case at Johnson's Crossing. A problem with grayling at Hermit's Lake was addressed by TTC with support from the Yukon Fish and Wildlife Enhancement Trust and is no longer a matter of concern.

#### Solution Manage grayling harvest at spawning areas

This solution is not aimed at prohibiting fishing at spawning runs but at managing the harvest for as long as necessary.

#### Actions

Responsible parties, Time line

##### YG, RRC, TTC

2001/02

##### Monitor grayling harvest and inform the public about regulations at Johnson's Crossing

Last year, the RRC proposed a reduction in the daily limit at Johnson's Crossing from four per day to two per day. This has been passed into regulation. This action would inform anglers about the regulation change, and get their opinions about grayling in general. [2001-Tes-AI-19]

##### YG, RRC

2003/04

##### Evaluate the need to maintain Johnson's Crossing regulations

The reduced catch limit at Johnson's Crossing is intended as a temporary measure to rebuild fish stocks. The need to maintain the regulation should be revisited during the lifetime of the plan. [2001-Tes-AI-21]