

## **Management Summary-Clearwater Lake**

- Lake Trout and Smallmouth Bass are the primary management species (2010 Management Plan)
- Current management goals: Maintain a minimum lake trout catch of 2.0 fish/gill net set (deep and shallow sets combined). Maintain a Smallmouth Bass population in which 25% of the bass caught by anglers that at least 7 inches in length are also greater than 11 inches (PSD 25)
- Additional species present include Cisco, Yellow Perch, White Sucker, Green Sunfish, and Burbot
- Lake Trout last stocked in 1993, discontinued due to strong natural reproduction
- Current evaluations: Monitor the Lake Trout population for signs of overharvest or recruitment failures. Evaluate the need for a special regulation to improve size structure of the Smallmouth Bass population.
- 2017 Survey not completed due to staff and funding shortage
- 2014 Lake Survey summary
  - Lake Trout catch surpassed goal, but was similar to survey results since 1991
  - Majority of Lake Trout <20 inches, although fairly abundant
  - Consistent Lake Trout reproduction, fairly strong year class in 2009 and 2007
  - Smallmouth Bass angling survey resulted in 33% of catch >11 inches, meeting size goal
  - Cisco remain abundant and large, likely compete directly with younger Lake Trout
- 2014 Creel Survey results
  - Annual Lake Trout harvest estimated at 0.24 lbs/acre, well below potential annual yield (1.54 lbs/acre/yr)
  - All observed Lake Trout harvest occurred during winter season (est. 232 fish)
  - Summer fishing effort primarily focused on Smallmouth Bass, majority released
  - Annual fishing pressure estimated at 3.2 angler-h/acre
- Management plan will be revised Winter 2019