

Cultus Lake

MONITORING AND SUPPRESSION OF SMALLMOUTH BASS

Smallmouth bass (*Micropterus dolomieu*) have been illegally introduced into Cultus Lake.

Given that bass are aggressive predators that feed on native fish species, we are concerned that they may negatively impact the two species-at-risk in Cultus Lake (sockeye salmon and pygmy sculpin).



Our objectives are:

1. Angle for adult bass and surgically implant acoustic tags to track their distribution.
2. Conduct diet analysis to determine if bass are preying on species-at-risk.
3. Physically destroy bass nests for species suppression.



What can you do to help?

If you catch a bass with an external spaghetti tag please record tag number, fish size, time spent fishing and **return the fish to the water**. These bass are being used to track the movements of the fish as well as understand population characteristics. For all non-tagged bass, please record fish size, time spent fishing, and remove fish from lake. Email all information with a picture to margettsw19@mytru.ca. **Thank you!**

PARTNERSHIPS WITH:



FUNDING FROM:



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For more information please contact the researcher, Wendy Margetts at margettsw19@mytru.ca

YOU MIGHT SEE



Biologists angling for bass and implanting acoustic tags. Using these tags, we can create a map of where bass are congregating to more effectively eliminate the species.



Biologists snorkeling in shallow water. Bass create large rock nests in the spring for spawning. Biologists will be physically destroying these nests to suppress the population.



External tags on the bass. If you see an external green or pink spaghetti tag **please** return the fish to the water. These bass are being used to track the movements of the fish and understand population characteristics.