



Volunteer Opportunities

www.ghostwatershed.ca

Water Monitoring Program

CreekWatch Citizen Science Water Sampling, Ghost River:

Participate in water quality sampling in the Ghost Watershed! Using a portable lab kit provided by CreekWatch, volunteers will sign up to conduct water quality tests at their own preferred time. Training will be provided for first-time volunteers. Commitment varies by interest and availability of each individual, but as a group we are aiming to collectively test once per week for two sites on the Ghost River starting from after the May long weekend to just after the Thanksgiving weekend.

2-3 volunteers per sampling event



Stream Temperature Loggers:

The Ghost Watershed is home to some of the few remaining populations of bull trout and westslope cutthroat trout in Alberta's Eastern Slopes. These native trout species require clean and cold water to thrive and so GWAS has been monitoring stream temperature across the watershed since 2022.

We need volunteers to help us install, collect the data and take out loggers at the end of the season. Most sites require a 4x4 vehicle to access the area as well as hiking to the site. Waders are recommended. Local knowledge of the Ghost Watershed is helpful, but we are happy to show you around of course and provide training for the installation and data collection.





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Watershed Monitoring following the Canadian Aquatic Bio-monitoring Protocol (CABiN)

CABiN is a national biomonitoring program developed by Environment and Climate Change Canada (ECCC). It provides a standardized sampling protocol that is used across Canada to assess the health of the watershed using aquatic invertebrates as the main indicators. ECCC provides online and field training to become trained in CABiN sampling. We always need lots of hands to undertake the sampling and help us carry equipment to and from the sites. If you are interested in hands-on watershed monitoring, enjoy being outdoors and working with a great team, this volunteer opportunity may be for you!

