



# Bathymetric Surveys

Echosounding or bathymetric surveys capture highly accurate detail in a fraction of the time it takes using conventional survey methods. This unobtrusive survey is safe, thorough and cost-effective, reducing time on the water, and return visits to the site.

Our team is made up of licensed land surveyors, project managers, field crews and CAD technicians focused solely on achieving client objectives through seamless collaboration and providing seasoned expertise you can rely on. Field crews are Swift Water Safety certified and equipped with the technology to access watercourses of any size and complexity, safely, efficiently, and non-invasively.

## Utilization

- As-built surveys of the bed of a body of water
- Depth of water determination
- Bank determination as defined provincially, certified by professional land surveyors
- High-definition surveys of underwater obstructions or features
- Inspection and analysis of control structures
- Project design and planning, including dock engineering and installation, waterpower, and flood control
- Navigation chart preparation
- Pipeline watercourse crossings
- Integrated bathymetric and UAV surveys
- Slope stability monitoring
- Depth of cover and scour surveys
- Qualified aquatic environmental specialist (QAES) watercourse reports

## Deliverables

- Raw and post-processed comma-separated files
- 3D CAD models
- 2D as-built drawings – topographic, contour
- 3D pdf
- Comparison analysis reports
- 3D fly-through animations

For more information, visit our website or get in touch with your local office at [geoverra.com/contact](https://geoverra.com/contact)