SEE WHAT'S BELOW

MAPPING UNDERWATER TOPOGRAPHY WITH STATE OF THE ART TECHNOLOGY

Have you ever wanted to see what's beneath the water surface? Well, we can. State of the art technology allows us to accurately map the depth of underwater features of any water body.

Chris Nelson & Associates, Inc. provides bathymetric and hydrographic survey maps using manned and unmanned vessels to measure water surfaces and subsurface land formations using multi-beam echo sounders which are connected with GPS. In turn, this data can be integrated into shoreline mapping, water surface and depth limits, as well as geodetic locations of subsurface land formations.

These tools combined with other survey methods can provide designers, municipalities, miners and agencies with the maps needed to understand what exists below water surfaces.



Topographic data of lake bed acquired from bathymetric survey.



GPS receiver attached to a dinghy boat.



Echo sounder taking sub-surface elevation measurements