Master Thesis

WATER SAMPLER

Construction and integration with drone
WATER SAMPLER

Ruttner sampler
Mechanical water sampler often used today. A messenger hits the sampler when desired depth is obtained which closes the sampler.

Sofia Olsson, Mechatronics KTH Royal Institute of Technology

Master thesis, 16 Jan – 10 June sofia.j.olsson@afconsult.com
WATER SAMPLER

Developing concepts
- Winch
- Hanging freely
- Pump the water to container on drone

Increase data gathering
- Temperature
- Minerals
- Other important data

Improve sampling procedure
- More precise depth measurement
- Lower risk for contamination
- Less disturbance of water environment
Questions or input?

Please contact sofia.j.olsson@afconsult.com or write your name in comment field so I can contact you.