

# UAV Sampling

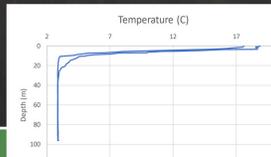
**Not every location is easy to access...  
That doesn't mean you don't need the data.**

## Same Day Sampling

Our custom designed and patented Water Sampling Plate (WaSP) is equipped with an independently controlled winch system, allowing us to collect physical samples and water quality data at depths far beyond the 400ft flight ceiling of traditional static line methods. We have collected data from depths exceeding 800ft.

The WaSP supports a range of sampling needs:

- Water column profiles
- Discrete depth water samples
- Sludge samples from pit bottoms



## Long Term Sampling

When time is a critical part of the question, long term deployment of sampling equipment becomes essential. We have successfully deployed Imhoff sediment cones suspended from floats in the water column for periods exceeding six months, giving clients clear insight into sedimentation rates and material composition. Floating sampling lines are placed in position, tracked via GPS, and later retrieved by a heavy lift UAV so the intact, layered sediment can be returned for analysis. It's a flexible system to capture slow moving processes with precision. What long term data could we collect for you?

