SWAMP AIRBOAT

Remotely operated airboat for metal-free, ultraclean sampling

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It is imperative for environmental trace elements research that all aspects of sample contamination be avoided if possible.

One way to mitigate sample contamination is to collect samples using metal-free materials and to create minimal disturbance to the sample source.

Aerial drones have been developed to sample water, but can drift once landed on the water, impacting sample accuracy.

This non-aerial device was constructed of metal-free ultraclean materials to limit sample contamination typically introduced using other sampling devices, and operated remotely to reduce contamination caused by watercrafts and researchers.

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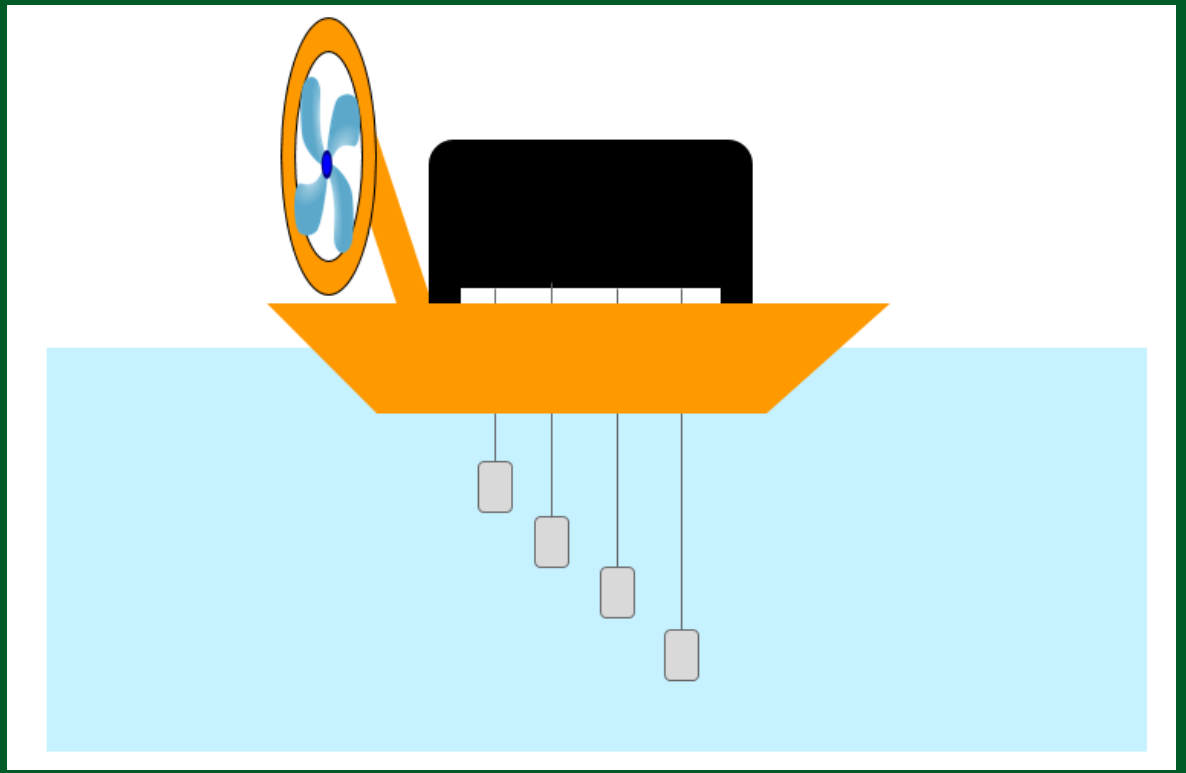
Autopilot drone technology on a **remotely operated airboat** that can be used to sample water systems by **deploying bottles to desired depths**

1. Constructed of clean sampling materials for sampling of low Trace Element concentrations.

2. Permits sampling in shallow areas

3. **Enhanced safety**



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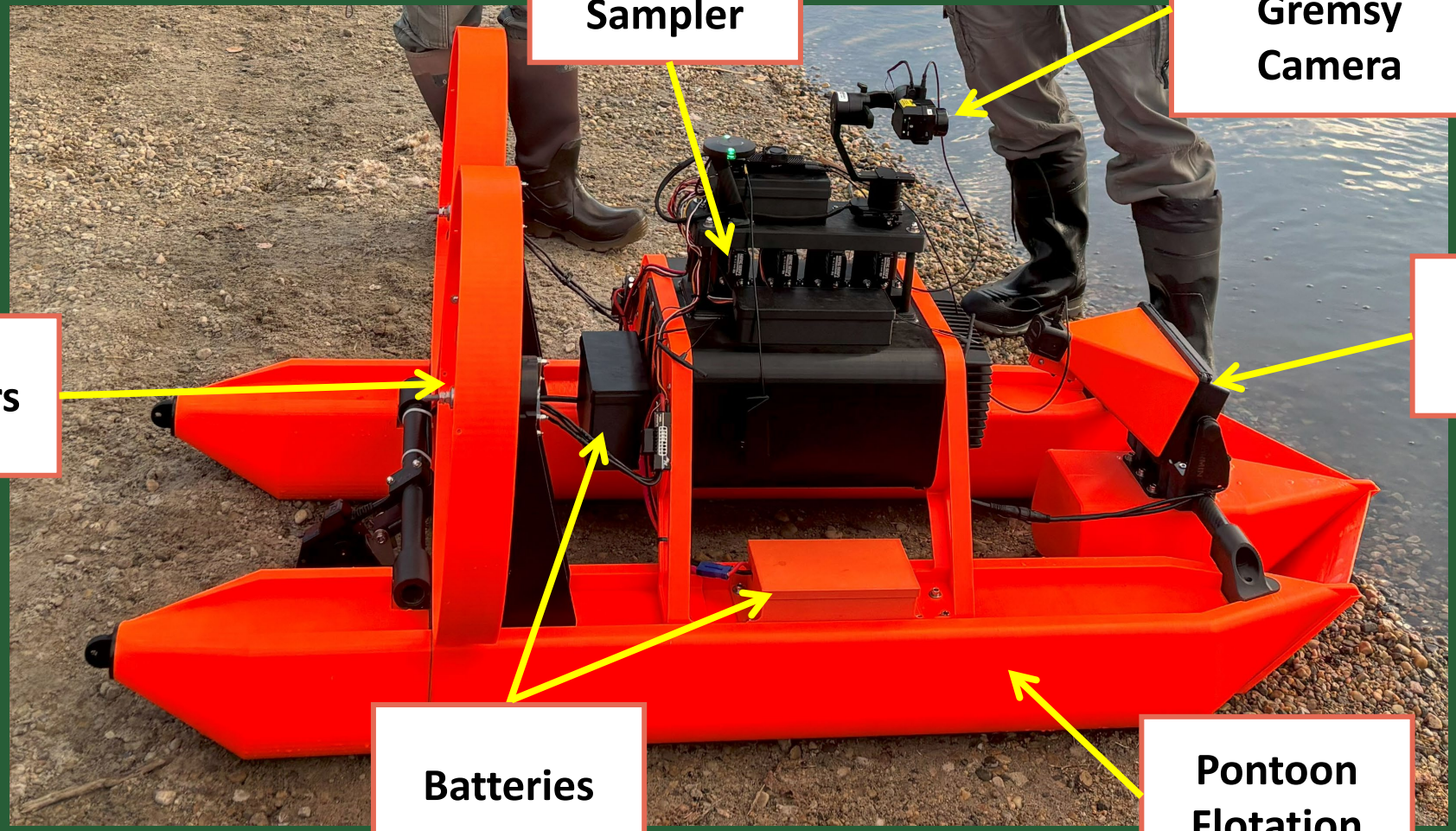

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