

## Sampling for Water Quality Analyses in Lake #6 (alongside fairway #5)

For our grant project we are collecting water samples for analyses which will be done at NO COST to Heritage Oaks, thanks to our START grant and free analyses from U of F. We are using volunteers to help us with the sampling of 3 sites along Lake #6 – at the inlet, outlet, and in the middle. These samples are taken once a month using a resident's kayak and bottles supplied to us by U of F Florida LAKEWATCH. Specific protocols are followed for the sampling and storage of the samples until delivery to the Twin Lakes facility on Clark Road is done every 2-3 months. The analyses are for levels of nitrogen, phosphorus and chlorophyll. We also measure water clarity and depth as well as weather conditions at the time of sampling. Pictures below are of Ron Kohut (resident on Samoset) taking the samples from the kayak and Jack Mordini (resident on Legacy) completing the sampling form provided with the bottles.



Results are obtained from the U of F and used to prepare water quality trends and described in a brief report. We have maintained these water quality analyses monthly since 2021. The report is available on the Natural Assets webpage of the Heritage Oaks website.

