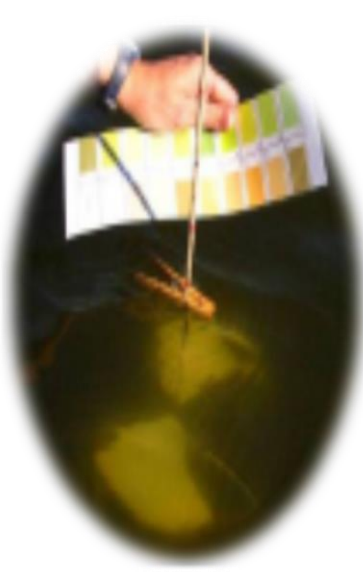


Vernon Hills' Lakes to be Sampled in 2019!



The Lake County Health Department-Ecological Services (LCHD-ES) will be monitoring Big Bear, Little Bear, and Charles Lake in Vernon Hills as part of routine water quality monitoring in 2019. LCHD-ES collects baseline water quality information in the county on a select number of lakes each year. These lakes must be at least 6 acres in size. Water quality is obtained through the collection of water samples once per month from May through September, usually at the deepest areas of the lake.

Samples will be analyzed for nutrients, solids, temperature, dissolved oxygen and various other parameters. A plant survey to analyze the aquatic plant community for different species and their relative occurrence is also conducted as well as a shoreline assessment to characterize severity of erosion. In addition to routine water quality monitoring, samples will also be collected for the [Des Plaines River Watershed Workgroup](#).

At the end of data collection, summary reports will be written and presented to the management entity of the lake.

For more information contact: Lake County Health Department, 847-377-8020.

