Lake Koronis 2019 Monitoring Summary

Open water season started late in 2019 with an ice out on April 21st, 2019.

Lake sites are monitored monthly May-September. Lake monitoring is accomplished through a cooperative effort between lake association volunteers and NFCRWD staff.

During the 2019 open water season the NFCRWD along with volunteers collected lake samples at two locations (LKS-211 and LKN-206). (see map)

In this report you will find a summary of the monitoring results for 2019, along with long term trends. If you have any questions about these results please contact NFCRWD Chris Lundeen, 320-346-2869, technfcrrwds@tds.net.

You can find out more information about all the programs and projects on the NFCRWD Website. (nfcrwd.org)

A measure used to quantify these results is Carlson’s Trophic Status (TSI), which is a benchmark for lake water quality.

Carlson’s Trophic Status (TSI)

Eutrophic (TSI 51-70): Decreased transparency, lack of oxygen in the lower levels during the summer, weed problems evident, warm-water fisheries only.

Mesotrophic (TSI 41-50): Water moderately clear; some probability of no oxygen in the lowest levels during summer.
What can you can do to improve Water quality?

Native Shorelines – Native plants can be a good way to decrease erosion and reduce runoff. Native plants have deeper roots than turf grass, which will help in reducing erosion on you shoreline. When most people think of native grasses they think of weeds, but many native grass and flowers can provide a visually appealing shoreline. Native plants also attract wildlife. Taller grasses and flowers will also deter geese from coming on your shoreline.

No-Mow Zone (buffer zone) – A cheaper version to planting a native shoreline, but will take a longer time for the native plants to grow. There is a seed bank in most shorelines, so even though your shoreline could be turf grass right now, if you stop mowing or weed wiping a stretch of shoreline (5-10 feet or more from the waterline), the native plants and flowers will have a chance to grow. Other Practices: Rain Gardens, Rain Barrels, low or no fertilizer.

There may be cost share dollars to install these practices on your property. Contact the NFCRWD for more information.