

Nashville District Water Quality Program

Water/H₂O. It is essential to life; it is considered to be the universal solvent; it is something we humans like to be near; increasingly it is something we no longer take for granted; in short, it is many things!

Since the early 1970's the Nashville District has monitored water quality of the Cumberland River reservoir system. This monitoring includes measurement and collection of physical, chemical, and biological parameters. The monitoring program is fully authorized and supported by various agency regulations and enables the Nashville District to comply with numerous Federal and state laws. Water quality monitoring provides information immediately useful to guide Nashville District water control actions during critical periods and long term information enabling deeper understanding of environmental trends that ultimately affect all users.

The comprehensive, ongoing monitoring program covers all ten Cumberland River reservoir projects and features data collection at a variety of sites from the impounded portions of the reservoirs, various inflow streams, and tailwaters below the dams. In addition, a growing network of remote monitors collect vital information needed for effective water management.

The physical, chemical, and biological data collected by the Nashville District is available on the following pages in a variety of forms. These include trip reports summarizing results of discreet monitoring efforts on district reservoirs. Water quality data is presented in the form of text reports, charts, and graphs.