

Knob Creek Wastewater Treatment Plant

The Knob Creek Wastewater Treatment Plant, located off Austin Springs Road in Johnson City, has been serving residents of Johnson City since 1972. The original plant was designed to treat normal daily wastewater flows of 1 million gallons per day (MGD). The plant was expanded in 1985 to a facility designed to treat normal daily wastewater flows of 4 MGD. During wet weather, the plant can hydraulically handle peak flows of 15 MGD. In 2010, another upgrade converted the disinfection process from chlorine gas to a much safer chemical feed of sodium hypochlorite (bleach).

The Knob Creek Wastewater Treatment Plant has consistently met discharge limitations set by federal and state regulators. This continued compliance with discharge limitations makes the wastewater safe to reintroduce into the environment and helps to keep Boone Lake safe for swimming, boating and fishing. The facility received the National Association of Clean Water Agency (NACWA) Platinum Award and is also the recipient of the Kentucky-Tennessee Water Environment Association Operational Excellence Award. The facility continues to serve the wastewater needs of the community in a safe and environmentally responsible manner.