District Water Control Structures in Levy County

The Southwest Florida Water Management District maintains and operates 81 water control structures throughout the District’s 16-county region. These structures help provide flood protection, manage lake water levels and prevent salt water from flowing up freshwater streams and creeks. Two of these structures are located in Levy County.

1. Inglis Bypass Spillway
The Inglis Bypass Spillway is located at the west end of Lake Rousseau in Levy County. Normally, all water flows from Lake Rousseau are passed to the Withlacoochee River through the Inglis Bypass Spillway. The spillway’s gates can be remotely operated to discharge fresh water into the lower Withlacoochee River in sufficient quantities to sustain environmental health, prevent saltwater intrusion, maintain the level of the lake and accommodate navigation interests. A generator supplies backup electrical power to the structure in the event of a power outage.

2. Inglis Main Dam
The Inglis Main Dam is located at the west end of Lake Rousseau, spanning the Withlacoochee River in Citrus and Levy counties. The gates of the Main Dam are normally closed while the Inglis Bypass Spillway is used to maintain water levels. During periods of increased flows that exceed the operating capacity of the Bypass Spillway, the Main Dam will be operated to discharge the excess flow into the Gulf of Mexico. Its gates can be remotely operated, and a generator supplies backup electrical power to the structure in the event of a power outage.