

G-111

This structure is a five barreled, corrugated metal pipe culvert with flashboard control. It is located at the outlet of Lake Jackson in the Upper Kissimmee River Basin. The structure was completed in June 1994. The contract number is C-4062. The drawing number is DM-325.

PURPOSE

This structure is operated to control the water level in Lake Jackson.

OPERATION

This structure is operated by the Florida Game and Fresh Water Fish Commission according to Amendment No. 1 to the Memorandum of Understanding between the South Florida Water Management District and Florida Game And Fresh Water Fish Commission. Riser boards are set at 53.5 ft under normal conditions. When the lake level exceeds 56.0 feet, remove boards to elevation 51.5 feet.

DESCRIPTION OF STRUCTURE

Culvert

Type Corrugated Aluminum Bituminous Coating pipe with upstream control

Number of Barrels 5

Size of Barrels 7 feet

Length of Barrels 46.5 feet

Flow line Elevation 45 feet

Water Level which will by-pass structure 59 feet

Control Discharge is controlled by manually operated flashboards

Board Size 3" x 6" x 108"

HYDRAULIC AND HYDROLOGIC MEASUREMENT

Upstream and downstream staff gauges