

G-258

The structure is a one-barreled, corrugated metal pipe culvert, located at the middle of the west perimeter levee of the Everglades Nutrient Removal Project. Control is effected by a gate in a gate structure located at the center part of the pipe. The structure was completed in 1993. Contract Number is C91-2017. Drawing Number is 28. This structure has been revised in STA-1W construction (1997 - 2000). Contract number CE-107. See STA-1W Operation Plan for current information.

PURPOSE

The structure is used to control water flow between polishing cell 4 and the seepage canal of the ENR Project.

OPERATION

The structure is operated as needed.

DESCRIPTION OF STRUCTURE

Type Corrugated metal pipe culverts with control in the middle

Number of Barrels 1

Size of Barrel 60 inches

Length of Barrels 26 feet (east side of gate)

52 feet (west side of gate)

Flow line Elevation 1.5 feet (east side of gate)

2.5 feet (west side of gate)

Water Level Which Will By-pass Structure 15 feet

Control Discharge is controlled manually by a sluice gate in a gate structure.

Gate Size 60"x 60" square gate

ACCESS Go to ENR project.

HYDRAULIC AND HYDROLOGIC MEASUREMENT

Water level Upstream and downstream telemetry and staff gauges

Gate position Telemetry and staff gauges