

G-255A,B,C,D,E

Each structure is a one-barreled, corrugated metal pipe culvert, located at the north end of the FP&L access road/levee of the Everglades Nutrient Removal Project. Control is effected by stop logs in a CMP riser pipe. The structure was completed in 1993. Contract Number is C-3011. Drawing Number is ENR-15. These structures have 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 the buffer cell and flow-way cell 2 of the ENR Project.

OPERATION

The structure is operated as needed.

DESCRIPTION OF STRUCTURE

All structures are the same unless listed individually

Type Corrugated metal pipe culverts with upstream control.

Number of Barrels 1

Size of Barrel 72 inches

Length of Barrels 54.5 feet

Flow line Elevation 5 feet

Diameter of Riser 144 inches

Top of Riser (Reference Point) G-255A 13.98 feet

G-255B 13.99

G-255C 13.98

G-255D 13.92

G-255E 13.92

Water Level Which Will By-Pass Structure 15.5 feet

Control Discharge is controlled by stop logs placed in a CMP riser pipe.

Stop Log Size 6"x 3"x

ACCESS Go to ENR project.

HYDRAULIC AND HYDROLOGIC MEASUREMENT

Water levels Upstream and downstream telemetry and staff gauges.