

G-254A,B,C,D,E

Each structure is a one-barreled, corrugated metal pipe culvert, located along the west interior 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 flow-way cell 2 and polishing cell 4A 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-254A 14.11 feet

G-254B 13.84

G-254C 14.17

G-254D 14.00

G-254E 13.79

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 level Upstream and downstream staff gauges.