STRUCTURE G-206

This structure is a five-barreled corrugated metal pipe culvert, located under L-5. Control is effected by the flashboards.

PURPOSE

This structure is used to release water from the Holey Land into Water Conservation Area 3.

OPERATION

This structure is based on an agreement (C-90-1057) between the District and the Florida Game and Fresh Water Fish Commission.

1. Wet Season (May 15 - October 31)
    a. During the transition from the dry season to the wet season, when the average stage in the Holey Land reaches + 11.5 ft. MSL, flashboards at the outlet culverts will be fully removed. The boards will remain out for the remainder of the wet season.
2. Dry Season (November 1 - May 14)
    a. Operations during the transition from the wet season to the dry season, will be based on the average stage in the Holey Land beginning on October 24.
        i. If the average stage in the Holey Land is more than one foot below schedule, the flashboards will be placed to a crest elevation of + 13.5 ft. MSL.
        ii If the average stage in the Holey Land is on or above schedule, flashboards will <u>not</u> be installed until the stage falls below the schedule, at which time the transition specified in the next paragraph will be initiated.
        iii If the average stage in the Holey Land is less than one foot below schedule, boards will be placed at elevation + 12.5 ft. MSL for one week, + 13.0 ft. MSL for one week and then + 13.5 ft. MSL for the remainder of the dry season.

b. If the average stage in the Holey Land exceeds the schedule by 1.0 ft., the flashboards will be removed to a crest elevation of + 11.5 ft. MSL. The boards will be replaced to a crest elevation of + 13.5 ft. MSL when the stage drops below the schedule.

c. Use of Cattail Infestation as a Trigger to Alter the Pumping Schedule. If the annual monitoring of vegetation by FGC indicates that an increase of over 2,000 acres of cattails has occurred since pumping started, the boards will be installed at + 13.5 ft. and pumping shall be reduced to that necessary to meet the 0-2 foot schedule (the 15% operation).

DESCRIPTION OF STRUCTURE

Type Corrugated metal pipe culvert with upstream control

Number of Barrels: 5

Size of Barrels: 66 inch dia.

Net Length: 66 feet

Flowline Elevation: 3.75 feet

Size of Riser: 66 inch dia.

Water level which will bypass structure: 13.7 feet

Stop logs:

Number of Bays: 10

Size: 7.5" X 2.5" X 33" (2 stop log bays per barrel)

Reference point: Top of riser elevation 13.70 feet

ACCESS: Structure is located approximately 7.7 miles east of S-8 via L-5.

HYDRAULIC AND HYDROLOGIC MEASUREMENT

Water Level: Upstream and downstream staff gauge

Rain Gauge: None