

## STRUCTURE G-348

The G-348 structure is a single culvert situated near the northeastern corner of STA-5 and serves to transfer seepage that is collected in the discharge canal into the north seepage collection canal.

### PURPOSE

This structure transfers water into the north seepage collection canal up to design capacity of 18 cfs.

### OPERATION

This structure is equipped with a flap gate on the upstream (west) end of the culvert which prevents unintended increases in stages east of the structure during either recirculation or delivery of supplemental water to STA-5 via G-349B pump station to the north seepage collection canal.

### FLOOD DISCHARGE CHARACTERISTICS

	Design
Discharge Rate	<u>18 cfs</u>

### DESCRIPTION OF STRUCTURE

Type: Corrugated aluminum pipe (CMP) with risers

Number of barrels: 1

Size of barrels: 48" diameter each

Length of barrels: Approximately 80 feet

Date Acceptance into Service: October 1999 \*

\* Temporary operations authorized for 14-day period in response to Hurricane Irene.

Routine operations began June 2000.

**ACCESS:** Access to this structure is from the STA-5 eastern perimeter levee

### HYDRAULIC AND HYDROLOGIC MEASUREMENTS

Water Level: None

**DEWATERING FACILITIES (per gate)** None