

## STRUCTURES G-601 and G-602

These structures are trapezoidal broad-crested weirs, made of concrete filled geoweb material, with 11 foot wide crests at elevation 14.0' NGVD and 6:1 (H:V) side slopes, located on the STA-6, Section 1 west perimeter levee, just east of the L-3 Borrow Canal, in Hendry County, Florida.

### PURPOSE

These structures serve to move water from the G-600 inflow pump station into treatment cell 5 of STA-6, Section 1.

### OPERATION

These structures are passively operated structures.

### FLOOD DISCHARGE CHARACTERISTICS

	Design
Maximum Discharge Rate	<u>180 cfs each</u>
Headwater Elevation (normal)	<u>16.34' NGVD</u>
Tailwater Elevation	<u>15.45' NGVD</u>
Type Discharge	_____

### DESCRIPTION OF STRUCTURE

Size and Type: (2) Trapezoidal broad crested weirs

Crest Elevation: 14.0 feet

Length of Weir: 11.0 feet

Date Acceptance into Service: December 1997

**ACCESS:** This structure is located on the STA-6, Section 1 inflow levee. Access is either from a USSC, Unit 2 development drainage canal/levee located directly north of STA-6 or through STA-6 (locked gate) via the inflow levee located along the western perimeter of STA-6.

### HYDRAULIC AND HYDROLOGIC MEASUREMENTS

Water Level: Headwater and tailwater data available via telemetry for G-602 only

**DEWATERING FACILITIES (per gate)** None