

STRUCTURE G-603

This structure is a trapezoidal broad crested weir, made of concrete filled geoweb material, with 15 foot wide crest at elevation 14.2' NGVD and 10:1 (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

This structure serves to move water from the G-600 inflow pump station into treatment cell 3 of STA-6, Section 1.

OPERATION

This structure is a passively operated structure.

FLOOD DISCHARGE CHARACTERISTICS

	Design
Maximum Discharge Rate	<u>140 cfs</u>
Headwater Elevation (normal)	<u>16.09' NGVD</u>
Tailwater Elevation	<u>15.47' NGVD</u>
Type Discharge	_____

DESCRIPTION OF STRUCTURE

Size and Type: Trapezoidal broad crested weir

Crest Elevation: 14.2 feet

Length of Weir: 15.0 feet

Date Acceptance into Service: 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

DEWATERING FACILITIES (per gate) None