

## STRUCTURE G-600

This structure consists of 5-100 cfs capacity diesel pumps, located at the northwestern corner of STA-6, Section 1, directly east of the L-3 Borrow Canal, in Hendry County, Florida.

### PURPOSE

This structure serves as the primary inflow control structure for STA-6, Section 1. United States Sugar Corporation owns and operates this station. Surface Water Management Permit No. 26-00041-S (issued by the District) authorizes the operation of this facility.

### OPERATION

This structure is operated by USSC in accordance with District issued permit referenced above. Three of the five pumps also have the ability for reverse operation.

### FLOOD DISCHARGE CHARACTERISTICS

	Design
Discharge Rate	<u>500 cfs (100 cfs each)</u>
Headwater Elevation (normal)	<u>' NGVD</u>
Tailwater Elevation	<u>' NGVD</u>

### DESCRIPTION OF STRUCTURE

Size and Type: Five 100-cfs capacity diesel pumps

Number of pumps: 5

Design Rating: 100 cfs each

Pump Manufacturer:     

Engine Make and Model:           

Engine Horsepower:   Hp each

Normal Operating Engine Speed:   rpm

Power Source: Diesel

Water level which will by-pass structure     

Date Acceptance into Service: N/A

**ACCESS:** This structure is located at the northwestern corner of STA-6, Section 1. 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 Cell 3 and Cell 5 inflow levee located along the western perimeter of STA-6.

**HYDRAULIC AND HYDROLOGIC MEASUREMENTS**

Water Level: Remote digital upstream and downstream recorder and staff gauges

Pumps: Remote digital recorder

**MONITORING:** Flow and Water Quality compliance monitoring required by FDEP Permit

Number 262918309 (EFA).