

G-250S

This structure is a three unit pumping station located at the northeast corner of the Everglades Nutrient Removal Project. The station was completed and operation was begun in 1993. The contract number is C-3009. This structure has been revised in STA-1W construction (1997 - 2000). Contract number CE-107. See STA-1W Operation Plan for current information.

PURPOSE

The station is used to pump water from the seepage canal into the STA-1W project area. The station also can circulate water among cells in STA-1W. .

OPERATION

The pump is operated to control the water elevation in the seepage canal of STA-1W. The pump can be operated remotely or locally.

DESCRIPTION OF STRUCTURE

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|------------------------|--|
| Type | <u>three pumping units in a reinforced concrete building shared with G-250</u> |
| Number of Pumps | <u>3</u> |
| Size and Type of Pumps | <u>36 inch vertical axial flow propeller pump</u> |
| Rated Capacity | <u>67 cfs (30,070 gpm)</u> |
| Pump Manufacturer | <u>M & W Pump Corporation</u> |
| Power Sources | <u>Commercial electricity</u> |

ACCESS Go west on State Road 80 via access road to STA-1W

HYDRAULIC AND HYDROLOGIC MEASUREMENT

Telemetry water levels at upstream, downstream and inside bar screen of pumps.

Remote pump control, telemetry pump and power status.