

G-251

This structure is a six unit pumping station located at the southeast corner of the Everglades Nutrient Removal Project. The station was completed in 1993. Operation of the station began on August 18, 1994. 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 treated agricultural runoff water from the ENR project into Water Conservation Area 1.

OPERATION

The pump is operated to pump water out of the ENR project as required. The pump can be operated remotely and locally.

DESCRIPTION OF STRUCTURE

Type	<u>six pumping units in a reinforced concrete building</u>
Number of Pumps	<u>6</u>
Size and Type of Pumps	<u>36 inch vertical axial flow propeller pump</u>
Rated Capacity	<u>75 cfs (33,660 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 the ENR project

HYDRAULIC AND HYDROLOGIC MEASUREMENT

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

Remote pump control, telemetry pump and power status.