

# Project Profile

## Wastewater Treatment Plant Expansion Collier County, Florida



# Wastewater Treatment Plant

## Collier County, Florida

**Owner:** Project Integration

Contact: Jack Miles (941) 774-6886

**Engineer:** Hayzen & Sawyer

Contact: Tony Cattaneo (561) 9978070

### **Description:**

1. New equipment—two PLC 5 processors; two PC's—one SCADA node and one (1) hot backup, which also serves as a view node during normal operation. By utilizing an existing PC and third party software the view node provides an almost seamless failover that requires no operator intervention. Communications: Fiber/AB DH+.
2. Existing Equipment—two existing PLC's, SCADA screens and database merged into the new system.
3. Field Equipment—two smart pressure transmitters; one smart temperature transmitter; two dissolved O<sub>2</sub> transmitters; five magmeters; three ultrasonic level transmitters; four thermal dispersion flowmeters; one Infa-Red gas detector; and one multi-point level switch.

**Accepted:** January, 1998

**Approximate Value:** \$365,000.00