



CITY of CALHOUN

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May 14, 2007

The City of Calhoun Mauldin Road Water Treatment Facility tested Sentrol Systems product, Coagulant Dosage Intelligent Control System, which includes an online instrument, the Streaming Potential System, SPS, and a computer control system during the months of April and May, 2007. The entire system was installed in my plant for the purpose of coagulant dosage automatic control during this period of time.

The system design is highly automated, and performs as expected. The following advantages impressed my operators:

1. The control system samples SPS online sensor absolute signal. The system automatically tunes and calibrates the signal itself. Operators do not need to spend valuable time calibrating this system.
2. The system does not need to set working point.
3. The system detects raw water flow rate changes, and automatically adjusts coagulant dosage corresponding to raw water flow rate.

The system can hold our desired dosage point day and night without any maintenance. My operators feel confident with its performance.

We also tested other companies' SCM and their control systems. They all use Honeywell traditional controller with PI control. My operators have to do much more work to maintenance the controller, such as set point, SCM signal tuning and calibration, adjust controller parameters to hold dosage point, and other PI control problems, which add unproductive labor to our daily routine.

The Sentrol Systems' SPS is my clear choice for our automated coagulant dosage control. The performance of this system far exceeds that of the competitive brands we tested not only in producing higher quality potable water, but also in ease of maintenance.

Please contact me if there are any questions concerning Sentrol Systems' Coagulant Dosage Intelligent Control System.

Sincerely,



Danny Stephens

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