

FluidIQs team member of successful Co-Composting Facility project

"The Co-Composting Facility is a true success," stated Board President Wyatt Troxel.

Inland Empire - At its regular board meeting in January, 2007, the Inland Empire Utilities Agency's (IEUA) Board of Directors proclaimed IEUA's Co-Composting Facility Project a success by meeting its purpose and goal to cost-effectively recycle biosolids and dairy manure thus assisting in the protection of the Chino Groundwater Basin.

FluidIQs designed, supplied and installed a fully redundant SCADA (Supervisory Control and Data Acquisition) system at the facility, coupled to a state-of-the-art programmable logic system in a split control dual redundant configuration, performing process control and back up in the event of system failure.

The system utilizes a fiber optic backbone which allowed FluidIQs to place remote input output controls throughout the plant. While the SCADA system monitors, a separate database server logs all occurrences in the plant at all times. All systems communicate via a dedicated fiber optic Ethernet

Composting is unique by nature, performed on large piles of green waste literally scattered on a plant floor, in this case the size of 1 ½ football fields. Part of the complexity of the project involved the management of chemicals used to control

the waste mixture in a continuous process route. FluidIQs engineered a solution for monitoring the temperature of the compost piles using a radio communication system between probes for different radio

units located in the plant.

In parallel, FluidIQs also designed and assisted with the installation of a complete office network involving 25 to 30 workstation outlets with a file server, a domain controller, and voice over IP telephony throughout the plant, finally integrating all this into an existing plant that is across the street.

Inland Empire represents a turn key solution developed by FluidIQs, a complete plant integration system from office infrastructure and the control system integrated into one package.

The systems installation provided by FluidIQs allows Inland Empire to operate with more sophistication, fewer people, and increased uniformity in the resulting product. With improved quality control, and more efficient production, the ability to forecast production more accurately is also achieved.

About FluidIQs, Inc.

FluidIQs is a leader in the design and integration of instruments and control systems for water and wastewater agencies. Headquartered in Napa, California, the company has operations in Newport Beach, California, Salt Lake City, Utah, Las Vegas, NV, and Buffalo, NY.. FluidIQs is a registered member of the Control and Information System Integrators Association (CSIA), signifying industry recognition for its leading position in adopting and deploying best practices among its peers. FluidIQs has recently

announced a strategic partnership with Revere Control Systems and Instrument Control Systems (ICS) called FluidIQs National that is focused on marketing to municipal design/build contractors, national design consultants and process equipment OEMs. For more information, please visit www.fluidiqs.com.

