

Project Name: City of Estevan: Water Treatment Plant Control Upgrade

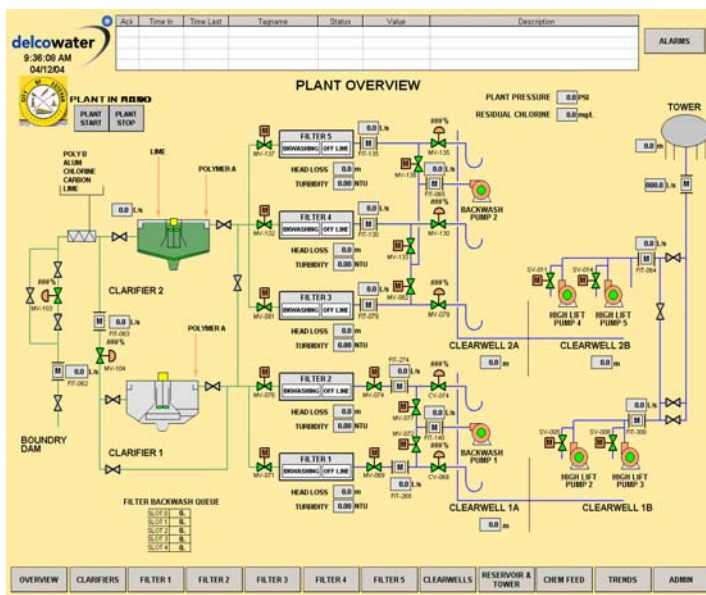
Location: Regina, Saskatchewan

Owner: City of Estevan, Saskatchewan

Prime Consultant: UMA/AECOM, Saskatoon



Plant Facility: The City of Estevan water treatment plant is highly automated and operated from 12 hours to 24 hours a day based on water demand. Various processes are controlled/operated and monitored by SCADA system. The plant has facility to analyze and optimize the processes.



Delco Automation's Scope of Work: Designed, engineered, manufactured, and commissioned PLC based control/automation system to upgrade/replace existing PLC/SCADA system.

Technology: A PLC is programmed to replace an existing GE Processor. PLC is designed to control various processes and to operate various equipments in plant. A new SCADA system is developed incorporating existing screens. The SCADA provided operator set points for equipment and process control. It also provides real time status of equipments and processes on screen with different color. The SCADA system consists of a number of screen for individual process/equipment control such as filter screens, clarifiers screen, clear wells screen, reservoir and tower screen, chemical feed screen and trend screen.