

Monitoring level of chemical in tank

APPLICATION C150

Chloride is a useful and reliable chemical indicator of river / groundwater fecal contamination, as chloride is a non-reactive solute and ubiquitous to usage in sewage treatment & potable water. Many water regulating companies around the world utilize chloride to check contamination levels of rivers and potable water sources as fecal contamination of water sources are highly prevalent worldwide, accounting for the majority of unsafe drinking water.

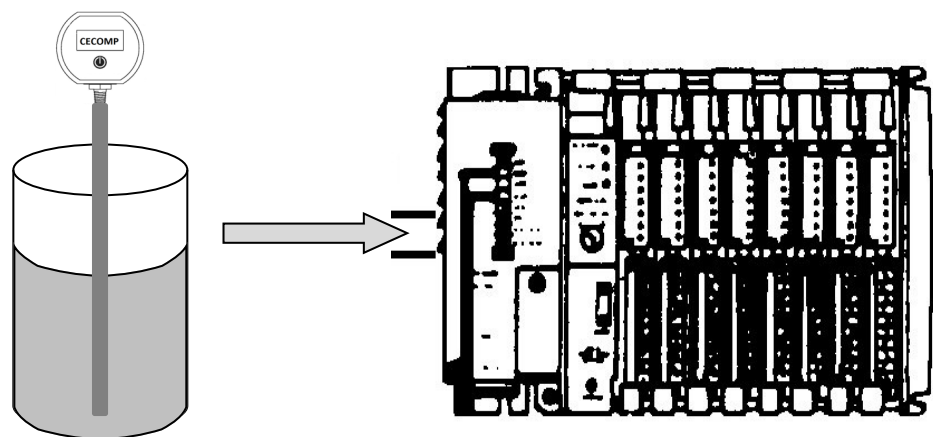
Type of Company: Public Utility - Groundwater Treatment

Location: Texas



The Engineering Issue

- The engineer has a requirement to accurately monitor the level of chloride in a tank.
- The requirement is for a local visual display in feet of water column and a signal to send to the PLC for data logging and alarming.



The engineer used a Cecompe DPG1000L. The DPG1000L gives both a visual indication scaled in feet of water column and a 4-20 mA signal to send to their PLC for both data logging and alarming.

Problem. Solved.