

Case Study

Implementing Online Water
Quality Monitoring System for
Fortune City - 600 Acre
township by Hiranandani

About The Customer

Aeron Systems was approached by Hiranandani, a leading real-estate developer developing a 600 acres - an integrated township named Hiranandani Fortune City, comprising of 9 towers of 32 storeys each with 1200 apartments. Located at Panvel, the site has its water supply from the Patalganga river.

The Challenge

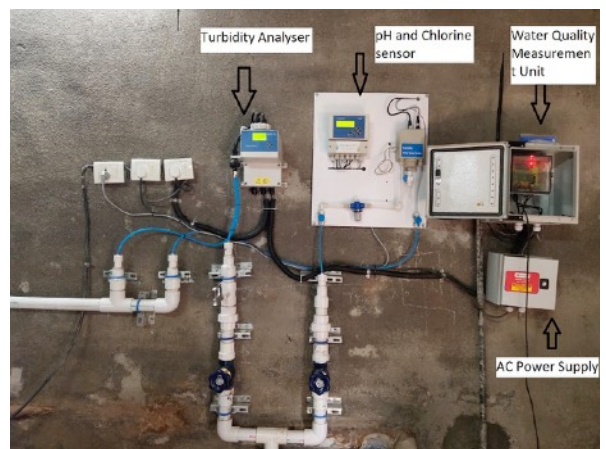
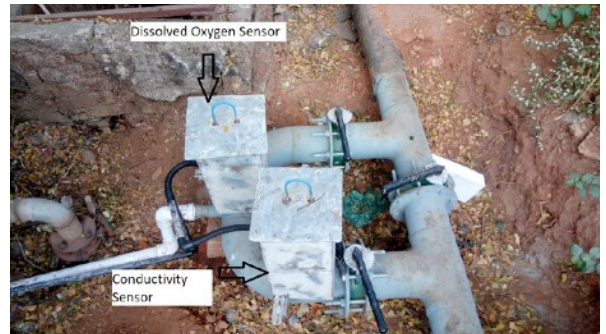
The customer had a basic water quality monitoring system in place which was totally dependent on manual intervention. The customer wanted to migrate to a real time monitoring system which could monitor parameters like pH, Cl, dissolved oxygen, turbidity, etc. Due to manual operation, the system was cumbersome to manage and take corrective actions.

The Solution

To mitigate the above mentioned challenges, Aeron designed a smart water quality monitoring system powered by its ACE DLG89 data logger. Following are the unique features and advantages of these systems:

1. Sensors and analysers measure pH, DO, Turbidity, EC and Chlorine values in real-time.
2. Aeron's high resolution ACE DLG89 data logger accurately captures the data at the desired intervals.
3. Data is sent to cloud for storage and analysis. Cloud interface offers visual data representation to customer.
4. If any of the monitored parameter levels are breached, the quality control team gets the alerts.
5. Residents are assured of high quality water they are using for drinking, cooking and other purposes.

Installation Pictures:



Screen shot of the cloud based web portal:

