

## **ABSTRACT**

*Water is a natural resource that plays an important role in human life, one of which is for consumption. Water used for consumption must be clean, odorless, tasteless, colored and according to standards set by the Ministry of Health.*

*This water quality measurement tool uses an analog pH meter kit and uses Arduino as the microcontroller. From these problems the authors intend to design a water pH Monitoring tool using Arduino and the IoT system to be used at PT.*

*Bina Sarana Swadaya for purposes such as: drinking, cooking and bathing. In order to monitor water pH and can be monitored remotely using a web app that can be monitored via computer or android.*

***Keywords : Design and design of water pH monitoring systems, water pH monitoring using IoT systems, water pH monitoring using arduino***

