

ABSTRACT

Water monitoring with online monitoring system technology (onlimo) has a role to facilitate efforts to control river pollution. Until 2021, the Blue Leaf Engineering Company and KLHK have installed various PDAM Monitoring Stations at 21 location points in Indonesia. The Onlimo system has two installation methods, namely: the method of immersing directly into the river and measuring outside the river with a pump system. The pumping system of river water samples is applied when river conditions do not allow for direct immersion of the sensor. Vibration tool is a vibration measuring instrument used on machines to analyze vibrations and can identify conditions, problems, and engine damage. The manual book has a function as a guide for its users.

Keywords: *Onlimo, Sensor, Water Quality, Vibration. User Manual*