

LITERATURE SURVEY

AUTHOR	PARAMETERS	MODULES	POWER SUPPLY	APPLICATION SCENARIOS
Shoa et al.(2012)	Temperature, pH	LPC2138 ARM-7 core, CC2530 ZigBee module	Not Specified	Sewage treatment plants, Range is limited to 1.5km
Khetre and Hate(2013)	Temperature, Turbidity, Water level, Salinity	ARM-7 MCU, ZigBee module (30m range)	Not Specified	Surface water sources such rivers, lakes and dams
Vijayakumar and Ramya(2015)	Temperature, Turbidity, pH, Conductivity, Dissolved oxygen	Raspberry Pi model B+, USR WIFI 232 module	Not Specified	Water sources
Chung and Yoo(2015)	Temperature, Dissolved oxygen, pH, Conductivity, Turbidity, Depth of water	ATmega 128, IEEE 802.15.4(100M RANGE)	12V battery + solar panel	Streams, Rivers and Coastal areas
He and Zhang(2013)	Temperature, PH, Turbidity	CC2430 MCU, ZigBee	Batteries	Industrial plants and Aquaculture