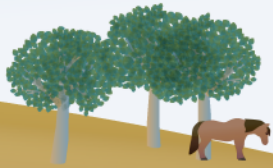




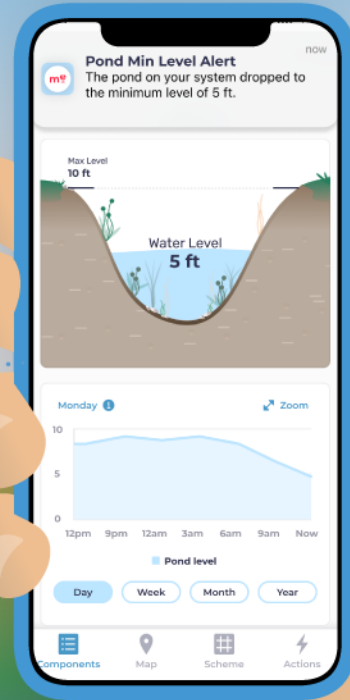
Pond Level Monitoring

The **meter.me**® pond monitoring system offers remote visibility to your pond levels, even in areas where there is no power or Internet network available.

Stay informed effortlessly with our easy-to-install system and user-friendly mobile app.



West End Pond



Benefits

- Monitor and manage your pond water level trends.
- Know the water level in your pond or reservoir **24/7**.
- Have **peace of mind** by staying informed about your pond levels.

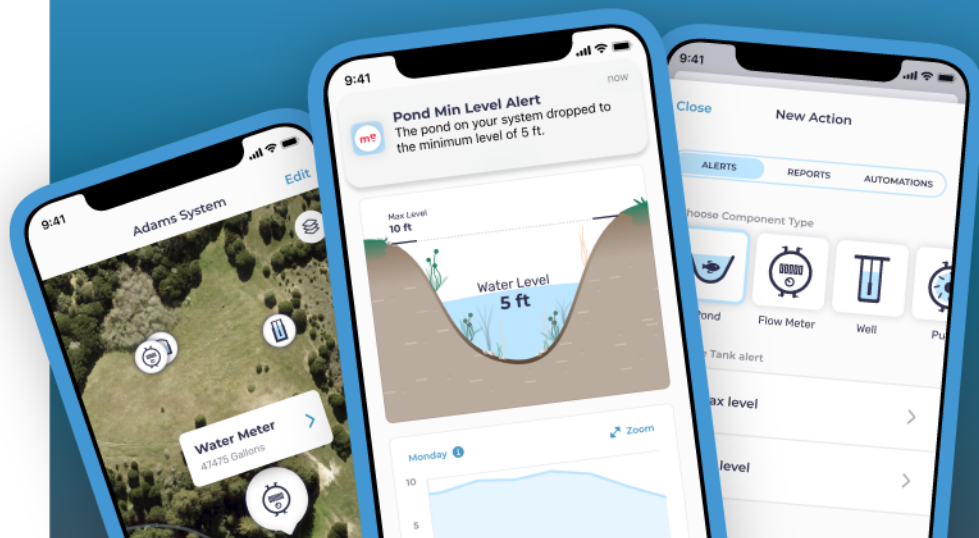
Key Features

- Remote visibility of pond levels
- Leak detection by patterns & capacity
- Cloud-hosted mobile application
- LoRa network connectivity
- Grid & off-grid powered

Mobile Application

Our mobile application is supported on iOS and Android devices and allows you to:

- View current & historic pond levels
- Receive minimum and maximum level alerts via SMS, push or email
- View your water system on the map



Connectivity



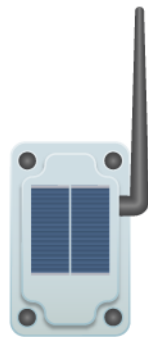
The **meter.base** (a LoRaWAN gateway) that is deployed with each meter.me installation, uses LoRa or long-range low power technology to facilitate communication between the water system components and the meter.me service platform.

The LoRa network functions even in areas of poor cellular or internet connectivity.

Equipment

Pond Level Monitoring

Our equipment line is continuously being evaluated and improved; these renderings are for general representation purposes.



meter.mote

Water Level Communicator



meter.base

LoRaWAN Gateway



meter.sense

Barometric Pressure Sensor

Technical Specifications

Operating temperature	-35C to +75C
Power draw	Idle Current 10µA, Transmit Current 130mA
Charge	5V 80mA Solar Panel, 2200mAh battery giving 5+ years depending on working conditions & solar coverage
Regulatory compliance	RAK carries CE Certification and FCC Certification
Connectivity	LoRa US915
LoRa gateway range	Up to 15 km (rural) & 2 km (urban)
Dimensions	L x W 160.27mm x 92.9 mm / 6.3" x 3.6"
Antenna	4.2dBi SMA Whip Style 915Mhz Antenna with female SMA connector
Housing	IP66/IP68 - Dust Tight, Water Resistant, Waterproof
Reporting frequency	2-4 hour standard reporting intervals; reports on change