PumpWatch™: Diesel Monitoring System

Monitor your pumps without labor cost. Reap big savings!

PumpWatch was designed to monitor important data from diesel pumps, and bring that data to a unique web site for viewing on a cell phone or any Internet-connected device. Dramatically cut labor costs.

How PumpWatch Works:

- PumpWatch allows for interaction between the viewer and the station, for example, changing set-points for alarms or operating a gate or additional equipment.

- Each connected sensor has an alarm (high, low, Intrusion) that will initiate an email -- or text up to as many as 10 staff to signal which sensor was in alarm.

- PumpWatch emails or texts when the parameter returns to normal as well.

- Custom software is available to add control capabilities such as operating a gate to maintain a level in a canal, or a pump to maintain pressure.

Standard Website Components:

- Controller/Data logger: Campbell Scientific CR-300
- I/O: 6 Analog, 8 pulse counters, 7 DI or DO
- Cell-Modem: Microhard Bullet Cat LTE
- Internal power: 12 VDC 5 AmpHr Gel-cell battery
- External power: Solar, Diesel on-board battery, AC converter
- Enclosure: NEMA 4X
- Waterproof Connectors: Power cable, Pressure, Level, Temp
- On-Board Relays: 2