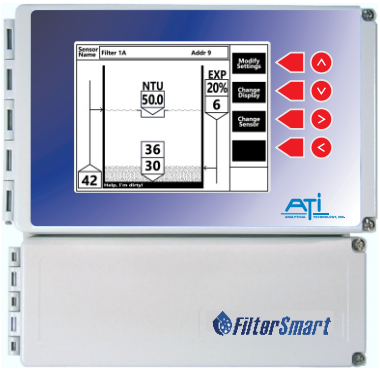
Optimize Filter Cleaning With

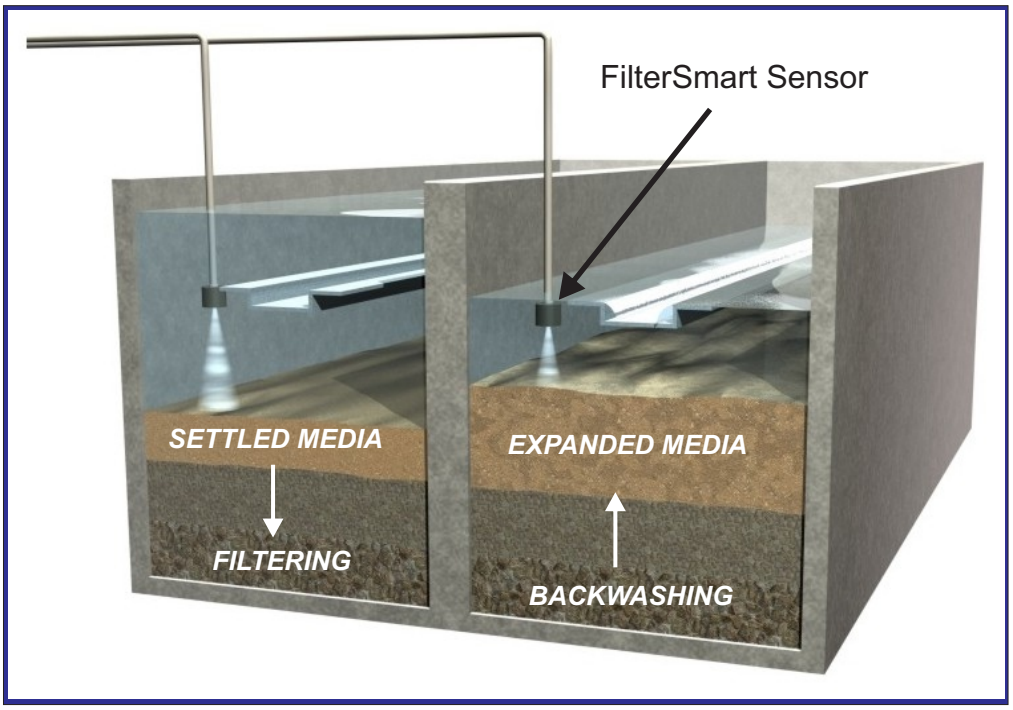
FilterSmart Filter Backwash Monitor

Media expansion measurement takes the guesswork out of gravity filter backwashing



Primary Benefits

- Improve Filter Cleaning
- Extend Filter Run Time
- Reduce Media Loss
- Reduce Backwash Water and Power Usage
- Save Money



Media Expansion AND Turbidity Monitoring with one sensor is the key to savings (see examples other side)

Only FilterSmart:

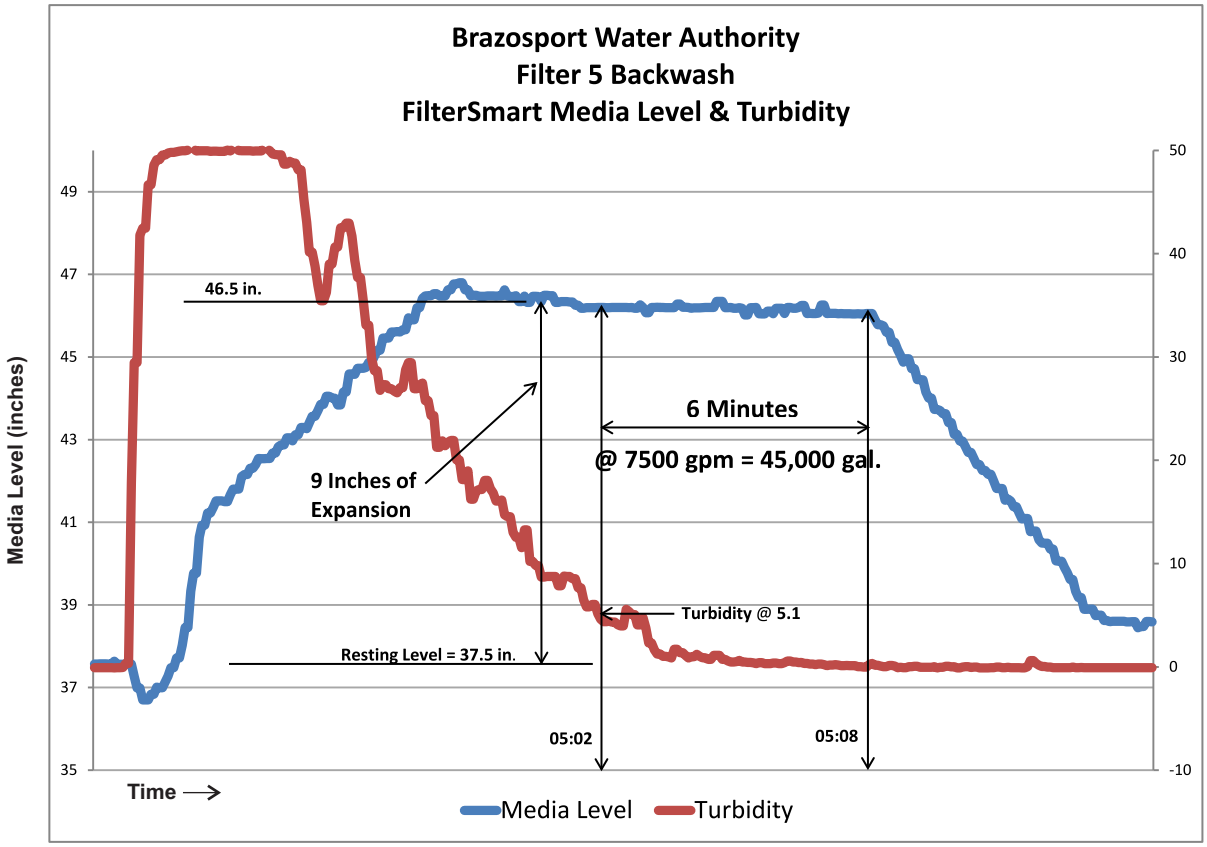
- Measures media level and loss between backwash cycles
- Measures media expansion and turbidity while backwashing filter
- Monitors media re-compaction after backwash
- Ensures optimal expansion regardless of water temperature, every time

Features:

- Cost effective single & multi-sensor systems
- Multi-function LCD & operator control panel
- Simple set-up and operation
- Automatic initialization
- Optional Wireless Network streamlines installation eliminating the need for costly conduit and cabling

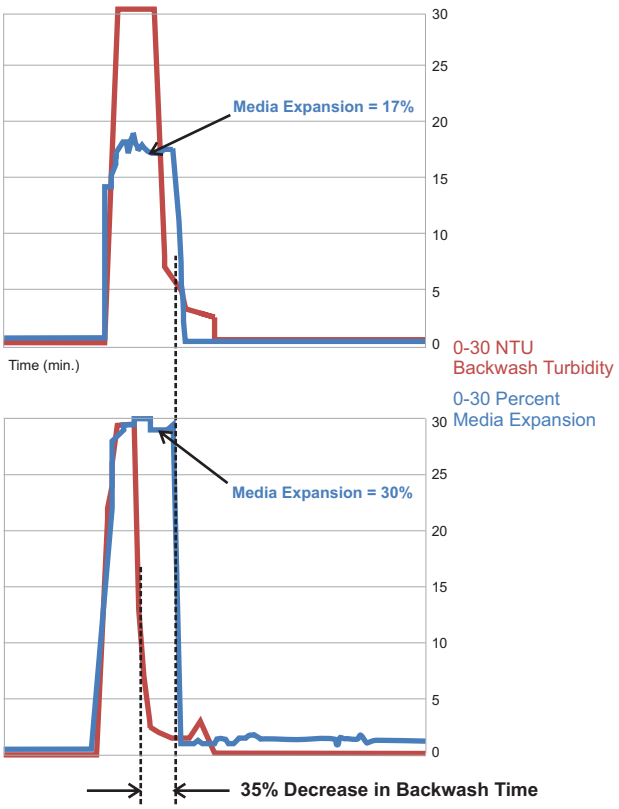
3 EXAMPLES OF HOW FILTERSMART CAN SAVE YOU MONEY

1) Know when the filter is clean with Conditional Backwash Control. Don't wash longer than necessary.



2) Achieve optimal expansion. Proper fluidization = shorter backwash duration.

FULL EXPANSION WASHES FILTER FASTER



3) Measure turbidity in the filter. Terminate the backwash sooner and save valuable minutes.

IN-FILTER VS DOWNSTREAM TURBIDITY MONITORING

1. Sub-fluidized flow starts. Turbidity present at filter.
2. High-rate wash begins. Media expansion recorded.
3. Turbidity recorded by down-stream meter.
4. Turbidity at filter drops.
5. Down-stream turbidity drops.
6. Wash flow terminated.