

Turbiwell Key Features:

- 0-100 NTU Measurement
- LED Light Source
- Non-Contact
- Low Maintenance
- No Future Calibration
- 4 Year Warranty
- Factory Calibration & Panel-Mounted, Ready for Installation



SWAN TURBIWELL PERFORMS FLAWLESSLY AT SOUTH HAVEN WTP

PROBLEM: When the time came for South Haven to select a turbidimeter for their new Water Filtration Plant, it was brought to their attention that their current units had been discontinued. Having used the same instrument for years, they began looking into current options and technologies. The replacement units would also need to be an LED light source. They also preferred for it to be low maintenance, similar in performance and reliable. The new units would need to tie into the upgraded/customized SCADA system that they were planning to implement as well.



SOLUTION: The City opted to install the SWAN Analytical USA “Turbiwell” analyzer on a trial basis for the Spring and Summer of 2010. Per the City, the Turbiwell worked flawlessly throughout the trial and ever since. They decided to standardize on the Turbiwell and have permanent units installed for monitoring their raw, settled, combined filter effluent and final effluent.

Similar to the City’s previous analyzers, the Turbiwell utilizes a LED light source, designed with a lifetime of approximately 100,000 hours. The Turbiwell is unique in that it is a “non-contact” instrument; the optical elements do not foul. The unit is factory calibrated and panel mounted prior to shipment. Additional future calibration is not required and a 4 Year Warranty comes standard! All of these unique design features greatly reduce maintenance and allow for consistent monitoring of Turbidity.