





THM-METER™

Total THM Analyzer

The benchtop THM-METER™ provides an economical means to measure Total THM concentration at your plant or out in your distribution system.

The new system has been designed for water treatment operators & superintendents, consulting engineers, and THM treatment system vendors, the THM-METER™ delivers on-site and near real-time data for rapid feedback on total THM levels.

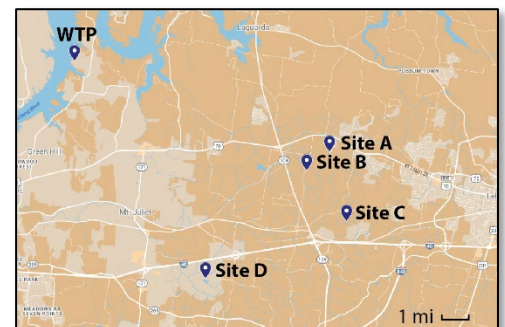
Utilization Strategies

Process Optimization	Activated Carbon Feed Rates (PAC/GAC)
 <ul style="list-style-type: none"> Establish baseline THM data at your plant and out in distribution to aid in understanding short- and long-term fluctuations Correlation of process changes or environmental events to THM levels Proactive vs reactive response to control THM levels On-site data to aid in process optimization efforts 	<ul style="list-style-type: none"> Control and regulate your GAC / PAC consumption with confidence with on-site THM data Adjust feed rates to control THM precursors Reduce overfeed or over usage to extend bed life and/or reduce costs of PAC 
Flushing, Storage, and Consecutive System Testing	Confidence in Compliance Testing
 <ul style="list-style-type: none"> Utilization of on-site THM testing capability to optimize flushing programs reducing labor and excessive water waste Monitoring of THM-levels at storage tanks throughout distribution THM monitoring at consecutive connections and/or systems to ensure proper THMs levels 	<ul style="list-style-type: none"> Frequent THM data from your system will increase your confidence at compliance monitoring time Enables year-round THM control and monitoring enabling better positioning for the tough summer months Rest and relaxation while awaiting testing results 

THM-METER™ Comparison Data

- Independent test conducted by utility comparing data from THM-METER and external contract lab to validate performance
- Samples collected in duplicate at the water treatment plant and at 4 sites out in distribution
- Sample data from the THM-METER were compared to the contract lab and the average difference was within 0.001 mg/L

Site ID	THM-METER	Contract Lab
Treatment Plant (WTP)	0.010 mg/L	0.010 mg/L
Site A	0.016 mg/L	0.022 mg/L
Site B	0.024 mg/L	0.029 mg/L
Site C	0.037 mg/L	0.032 mg/L
Site D	0.029 mg/L	0.028 mg/L



Approximate sampling site locations for comparison testing study.

For this study the average difference between the contract lab and the THM-Meter was 0.001 mg/L. The average quantification range for the THM-Meter is 0.010 to 0.180 (±0.005) mg/L.