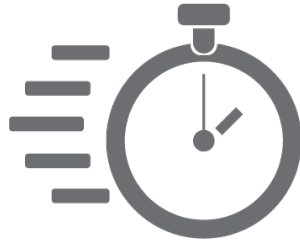




## Suburban Testing Labs uses Hanna Instruments' Field Meters to Improve Efficiency and Accuracy for Environmental Testing

Suburban Testing Labs, a nationally recognized independent environmental testing laboratory, in Reading, PA sought to resolve several issues that hindered their confidence and field testing efficiency. The field testing equipment they used frequently malfunctioned and calibrations took at least 20 minutes or more. These problems contributed to inconsistent results in the field. Suburban Testing Labs grew tired of this instability and searched for more reliable instrumentation. Their quest for better field testing equipment led Suburban Testing Labs to Hanna Instruments.

## Hanna's Field Testing Equipment helped Suburban Testing Labs:



- Achieve **faster test results**, cutting testing time in half and saving approximately 10 minutes on average per sample.



- Collect more **reliable and accurate measurements** for their customers.



- Improve field testing processes with **cutting-edge technology**, simple operation, and data logging capabilities.

## Suburban Testing Labs Has Over 50 Years of Experience in Environmental Testing

Suburban Testing Labs specializes in the analysis of water, wastewater, and solid materials such as biosolids, sludge and soil. Their team of highly skilled lab analysts and field service technicians work daily to collect and analyze a variety of samples such as public bathing water, ground water, waste water, soils, and solids. They are accredited in accordance with NELAC (National Environmental Laboratory Accreditation Conference) standards. Suburban Testing Labs prides itself on providing their customers with accurate, sound, and defensible data. With a business culture that embodies ingenuity and optimizes resources, Suburban Testing Labs is able to successfully build relationships that preserve the health of the environment, work life, home life, and community life.





## Previous Instrumentation Created Unnecessary Challenges in the Field

Prior to Hanna Instruments, Suburban Testing Labs experienced significant problems with their field testing equipment. Their previous equipment was extremely slow to work with, required excessive effort to calibrate, and oftentimes struggled to stabilize. Sometimes they would spend up to 20 minutes or more trying to achieve a stable and accurate calibration. This became problematic and it was difficult for Suburban Testing Labs to perform their field sample analysis within their 15 minute window requirement.

The meters they relied on previously did not have a robust design, especially with regards to the cable. The field technicians would frequently spend additional time stretching out the instrument cable so the meter would perform properly. If Suburban Testing Labs did not take this extra step, the meter readings would not stabilize enough to calibrate. This prevented field service technicians from achieving their testing goals and negatively impacted their productivity. Sometimes the measurements would still be incorrect even after the instrument was calibrated. In these instances, the time spent and the results collected in the field were completely wasted.

Another key feature that was missing from the field testing equipment they were using, was data logging capabilities. Not having a digital backup or the ability to securely store data created its own set of challenges. If there were any data discrepancies, it was difficult to review this after the fact. The inability to review data electronically did not provide Suburban Testing Labs the peace of mind that they were looking for.





## Switching to Hanna Instruments Made Field Testing Accurate and Simple, Just the Way it Should Be

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“Simplicity makes an unimaginable difference; it really, really does, especially in the use of field work.”

-**Christopher Moyer**, Field Services Supervisor, Suburban Testing Labs

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Once Suburban Testing Labs discovered Hanna Instruments, they found that Hanna offered field meters that met all of their testing requirements. Field service technicians needed to quickly perform pH measurements at a moment's notice. Hanna's HALO Bluetooth Wireless pH Meters were a perfect solution, as they offer laboratory pH meter capabilities and precision in the field. With Hanna's HALO Wireless Field pH Meter (HI2302), Suburban Testing Labs used their smartphones to operate the pH electrodes and log data. **Hanna's progressive technology helped Suburban Testing Labs improve and advance their testing processes for their customers.**

Suburban Testing Labs also searched for a multiparameter meter that could accurately measure for key indicators such as pH, ORP, Dissolved Oxygen, Conductivity, Temperature, and Barometric Pressure. After the field service technicians used Hanna's Multiparameter Waterproof Portable Meter (HI98194) in the field they saw a huge improvement. The field technicians really liked Hanna's HI98194 Meter for its ease of use and simple operation. They immediately noticed other beneficial features such as the meter's tough and durable design as well as how fast they could take accurate measurements. All of these capabilities together truly separated Hanna's HI98194 Meter from the field testing equipment that Suburban Testing Labs previously used. **As a result of their positive experience, Suburban Testing Labs made the decision to switch to Hanna's field testing equipment.**

Driven by their success, Suburban Testing Labs decided to also add the Hanna Multiparameter Waterproof Meter (HI9829) to their field testing equipment. This further expanded their field monitoring capabilities. Field service technicians collected Turbidity measurements while still reaping the benefits of Hanna's HI98194 Meter. Moyer states, “Simplicity makes an unimaginable difference; it really, really does, especially in the use of field work.”





## The Perfect Partnership Ensures Successful Environmental Testing

Suburban Testing Labs experienced a few challenges that plagued their field testing processes and the instruments that they used prior to Hanna caused them to have some major setbacks. The field technicians faced a multitude of problems such as inaccurate measurements and too much time spent calibrating. It was imperative that Suburban Testing Labs find a better testing solution. The company needed field testing equipment that could solve all of these pressing issues as well as improve their field testing procedures to help propel them forward. With Hanna Instruments by their side, they accomplished just that!

Suburban Testing Labs has continued to deliver concrete and reliable data to their clients, and Hanna Instruments' field testing equipment helped them meet their testing goals. Hanna's products have continued to bring ease, accuracy, and peace of mind to Suburban Testing Labs. Moyer further adds, "Hanna's customer service is phenomenal, it is absolutely phenomenal." Hanna has always provided and will continue to extend support to Suburban Testing Labs so that they can achieve environmental testing success well into the future.

