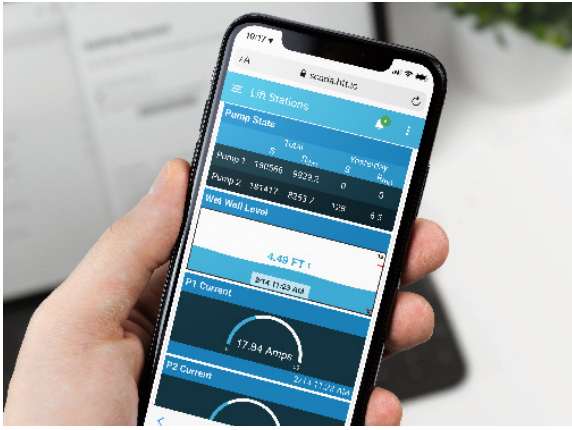


ACCESS YOUR DATA. MONITOR YOUR LIFT STATION EQUIPMENT.
RECEIVE ALERTS FROM ANYWHERE. ANYTIME.



The Simple & Modern Lift Station Monitoring Solution

Cloud-based monitoring is flexible, affordable,
and accurate. We provide custom solutions
for any wastewater collection system.



Lift Station Monitoring Essentials

Operating a lift station presents a unique set of challenges. A failed pump can cause flooding that results in costly repairs and clean up, or worse, a potential health risk with associated fines. As a measure of prevention, lift station operators need to have a proactive monitoring plan in place. This can be as minimal as basic autodialer functionality or as robust as having remote control capabilities. Regardless of where your needs fall on the spectrum, your monitoring plan needs to meet the minimum requirements to ensure efficient lift station operation.

MINIMUM MONITORING REQUIREMENTS

- High-level alarm
- Low-level alarm
- Pump failure
- Pump overload
- Pump overheating
- Seal failure

Customize Your Monitoring Solution

Our cloud-based platform makes lift station monitoring easy, affordable, and accurate. The best part? Your data is securely accessible with any Internet-enabled device, from any location. In addition to the minimum monitoring requirements listed, we offer custom configured monitoring solutions that are sure to meet the demands of your unique system.

Hourly Pump Starts & Runtime Reports

Monitor the number of pump starts as well as the total number of pump hours-run in a period of time. This data can be graphed hourly, daily, monthly, etc.

Reports include data on failed pump alternators, excessive inflow & infiltration, comparisons between pump capacities, and alerts regarding pump degradation. These reports enable you to perform proactive maintenance on your pumps.

Flow Estimation

Get detailed information about inflow to your station and pump capacity. Unlike “pump draw-down tests” that test basic pump capacity and functionality once a year, flow estimation runs continuous tests that provide deeper insight into system health.

Flow estimation can eliminate the need for a standalone flow meter, allowing you to graph comparative data points over time (hourly, daily, etc.).

Flow estimation is determined by wet well geometries and the distances between the pump-on/pump-off points to calculate volume in and volume out.

Meters & Rain Gauges

Meter and rain gauges use a meter in the system to measure outflow. Rain gauges tie into the system on a 15-minute basis to give customers the ability to cross-reference weather events & rainfall with pump performance.

Pump Amp Monitoring

Measure pump performance as well as clog detection through a current transducer. Customers can graph this on a 15-min, hourly, daily, monthly basis, as well as set thresholds for amperage to alarm yourself to clogs, etc. And the best part is your amps are only reported when the pump is running

Pump amp monitoring offers another way to monitor pump and station health overall, as well as clog detection, preventing pump failure. You can also save electricity, even if it doesn't fail a pump!

Real-Time Pump Data

Real-time pump data offers a finer resolution of pump-on/off status, correlated with wet well levels optionally. Additionally, we display pump-on/pump-off visuals on your website allowing for monitoring of the pump controller.

Pump Force-On/Force-Off

Now you're equipped with the power to disable a pump when technicians can't get to the site quickly enough, while technicians are in-transit or overnight.

Force-on can be used to override a failed pump controller to prevent an overflow, and you can use this to interlock two stations, as to prevent one station from overflowing the other.

2-minute Analog Reporting

Our 2-minute analog reports provide a finer resolution on wet well levels for pump controller analysis for a more detailed analysis of system performance.

Flexible Monitoring Solutions

	ESSENTIAL	PRO	ELITE
Minimum Alarm Monitoring	x	x	x
Hourly Pump Starts & Runtime Reports	x	x	x
Flow Estimation		x	x
Meters & Rain Gauges		x	x
Pump Amp Monitoring			x
Real-Time Pump Data			x

EXTRAS:

PUMP FORCE-ON/FORCE-OFF AND/OR 2-MINUTE ANALOG REPORTING

About High Tide Technologies

Since 2002, High Tide Technologies has made it possible for a utility of any size to have a modern SCADA system without any internal technical expertise required. We provide easy-to-install hardware and handle all of the user interface configurations, thus simplifying monitoring and control for our customers. Our web-based interface makes it possible to access important data from anywhere. Our distributors are all factory-trained and are able to provide any installation and service requirements that our customers may need.

Our flexible options for communication include satellite, cellular, and Ethernet, making it possible to reliably reach any point in any system. Most importantly, our commitment to 24/7/365 customer support is at the core of our company values. All of our employees are dedicated to giving the best possible service, both before and after the sale.

Talk with one of our representatives to learn how High Tide Technologies can meet your lift station monitoring needs.

Let us be your lift station
monitoring partner



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