

# Try Retriever™ For Yourself.....

## FREE!

To see how easy and powerful Retriever is, try it yourself. Go to [www.water-to-web.com](http://www.water-to-web.com) and view the data from a demonstration site. See how quick and easy it is to see what's happening at distant sites. If Retriever's remote site management convenience would help you, call us today at 1-800-624-2026. You could start looking at your own site's data in just days after your order.



### Capabilities and Specifications

<b>Power Supply</b>	Solar powered, no external power source required
<b>Communications</b>	Wireless cellular system-based, 98% U.S. coverage, call QED for details
<b>Available sensors*</b>	
<b>Level</b>	Bubbler tube backpressure type or submersible pressure transducer, with or without wellhead pressure /vacuum compensation
<b>Pressure/Vacuum</b>	Direct or differential
<b>Flow</b>	SmartMeter™ electronic, pneumatic cycle counter, paddlewheel or other pulse output flow meters
<b>Weather type</b>	Rainfall, wind speed/direction, barometric pressure, sunlight intensity
<b>Water quality type</b>	Conductivity, pH, other specific ion sensors
<b>Other</b>	0-5 VDC or 4-20mA output sensors
<b>Retriever sensor capacity</b>	Analog inputs - 4 sensors, 0-5 VDC or 4-20 mA Counter input - 1 counter
<b>Internal sensors</b>	Enclosure temperature, battery voltage, solar voltage
<b>Enclosure</b>	
<b>Dimensions</b>	16 in. H x 7 in. D x 14 in. W
<b>Weight</b>	35 lbs.
<b>Materials</b>	Fiberglass, NEMA
<b>Rating</b>	NEMA 4
<b>Mounting Hardware</b>	Various options available
<b>Lightning Protection</b>	Available per site condition

\* Consult QED for sensor range and accuracy specifications for your application



The First Truly Simple Water-to-Web Remote Data Collector

### More Information

We're dedicated to making remote site data as accessible as possible for you, and are ready to answer your questions. For more information about Retriever's capabilities and specifications, **contact QED at: 1-800-624-2026, [info@water-to-web.com](mailto:info@water-to-web.com) or go to [www.water-to-web.com](http://www.water-to-web.com) and take the Retriever online product tour.**



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# Remote Site Data Has Never Been So Accessible.



The First Truly Simple Water-to-Web Remote Data Collector



Retriever™  
Makes Remote Site  
Data Truly Accessible.....



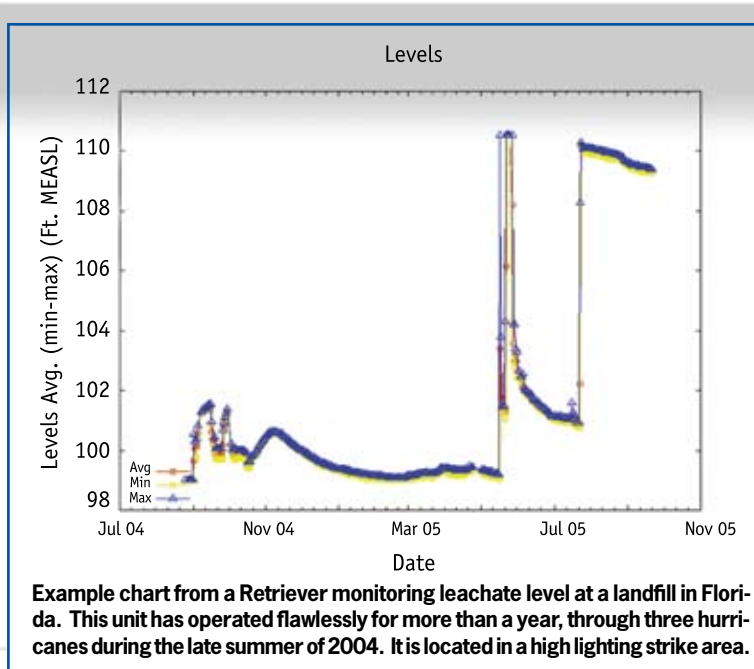


# Retriever™ Makes Remote Site Data Truly Accessible

## Quick and Easy to Install and Use

Retriever is a solar-powered, wireless data collection solution that is quicker and easier to order, install and use than any previous product of its type. The Retriever is not just hardware, but an entire data delivery and reporting system. Retriever delivers what you really want: dependable daily reporting of site data, such as water level, flow rate, pressure/vacuum, weather or other measurements you select.

Retriever eliminates the time and complexities of putting together conventional remote data systems.



### What Retriever Can Measure

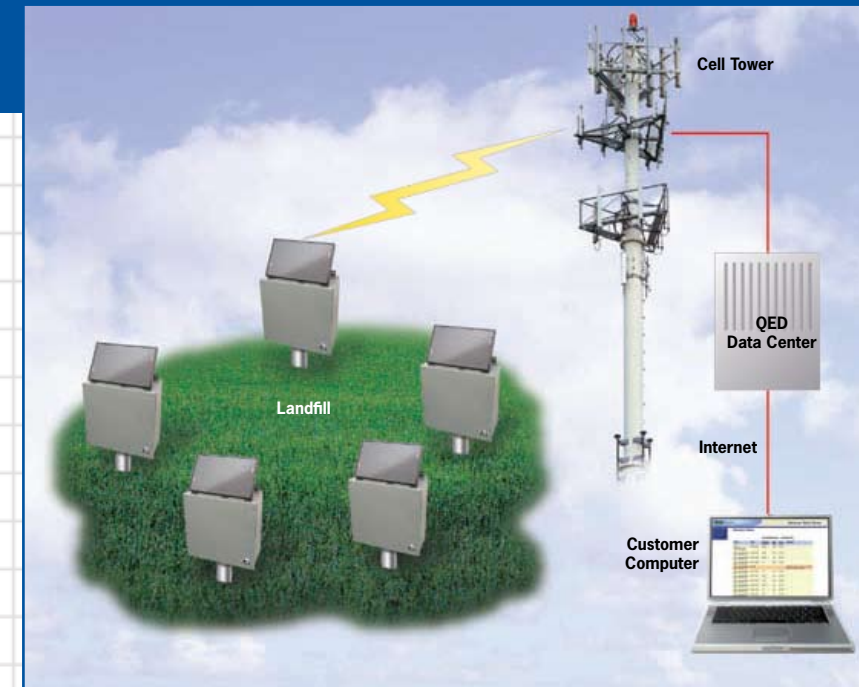
The Retriever system offers a range of sensors types, but call us if what you need is not included in the list below:

- Water level in wells, ponds and tanks
- Flow rate in pipes
- Pressure/vacuum
- Wind speed and direction
- Temperature
- Rainfall
- Chlorides

The standard Retriever configuration collects data hourly, then once a day reports the daily average minimum and maximum values. Call QED if you have questions about shorter data reporting intervals.

Retriever delivers the data most projects really need- daily data reports and summaries in plain language, not streams of raw data that you have to sort out later. The Retriever web site does all of the tedious work of intermediate calculations. You can review your data online by selecting the date range of interest and selecting and displaying it in graphical and/or tabular form.

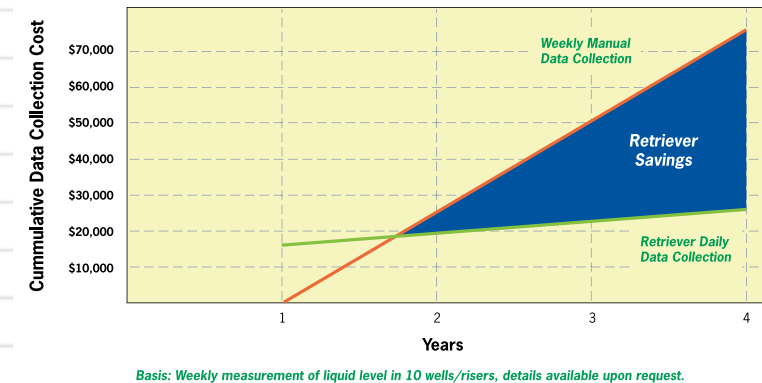
## Retriever – Typical Site



A typical Retriever field installation, land fill to desktop at you location

### Cost Savings with Retriever™

Regulations and good site management often call for more data collection, yet reduced budgets and staffing can make it harder to collect and process that data manually. Costs and concerns related to safety, worker exposure and travel can add to the data collection challenge. Even electronic data loggers are at best only a partial solution - they still require regular trips to the field to download the data, and the data isn't current. To answer this data collection challenge, Retriever is designed to deliver more data at lower cost, by sending it daily in finished form to your desk via the web. Retriever sharply reduces or eliminates the time and cost of travel, site access, and data transcription, calculations and archiving. The chart below gives an example of Retriever cost savings:



## Retriever – Sample Screens

- Web Service Features:**
- Data tables and charts
  - Data range selectable queries
  - Multi-site and multi-unit database management
  - Statistics and totals
  - Data downloading to spreadsheet format

### Retriever Advantages

- Lower cost site data collection than by manual methods
- Easy to install- complete, stand alone all-weather package, solar-powered, and wireless communication- no utility connections required
- Web site data presentation provides easy reviewing, charting and reporting of your data, accessible from any computer

### Easy to Order

Retriever eliminates the steps of selecting data loggers, communication protocols, power supplies, software, sensors, and enclosures...and trying to get them to work together smoothly. As quickly as two days after you place your order, your Retriever system is displaying your data on your secure, individual web site.

### Easy to Install

Retriever comes complete and ready to run out of the box, with no programming or setup. It is solar-powered and wireless so that no utility connections are required. Just mount the Retriever module to a well or post and connect the level and flow sensors.

### Easy to Use

After installing Retriever, go to your individual web site to view the data- no other steps! Your web site conveniently displays, charts and backs up your data- no training or software are required to access it! No other remote data system comes close to Retriever's simplicity of use and completeness, from water-to-web. You get just what you want: dependable daily field data from the convenience of your desk.



### How Retriever™ Works

The Retriever data collector is solar powered and uses wireless communications, so it can be quickly installed anywhere without having to run power supply or phone lines to it. Here's how it works:

- The built in microcomputer takes hourly data readings from the sensors and stores the data.
- Each night, a data packet containing the daily data is sent to your web site via a special, broad coverage cellular communications channel.
- The Retriever web site stores the data in your own separate, secure location, and displays it in tabular and charted form. The data is backed up and hosted at a specialized Tier-one data center. You can download data to your local spread-sheet for further analysis and processing.
- You can access your data from any internet-connected computer, simply using your web browser- no special software is required. The Retriever web site provides simple but powerful access to the data you want- by date, by module, by site, even managing multiple sites. Without going to the site, you can produce the site reports you need for regulatory or project purposes.

### See Data now!

Call QED now at 1-800-624-2026 to learn about examples of Retriever applications, or go to the Retriever web site to see what your web window into remote site data could look like - ([www.water-to-web.com](http://www.water-to-web.com)).