



## VAPORLINK® HYDROGEN SULFIDE MONITOR FOR WASTEWATER TREATMENT SYSTEMS

### Description

The VaporLink® hydrogen sulfide monitor combines effective hydrogen sulfide analysis with a remote, customer interface for improved recording and responsiveness to changes in site conditions. The VaporLink monitor is equipped with a cellular modem that communicates the logged data to Evoqua's Link2Site® website. Remote personnel have convenient access to site specific data from any location with an internet connection. This improves the ability to make necessary adjustments to chemical dosing and alarm setpoints - quickly and efficiently.

The hydrogen sulfide concentration, the variability of the concentration and the time of the monitoring event determine the VaporLink monitor's operating parameters. The robust, moisture-resistant hydrogen sulfide logger is available in two detection ranges, (0-200 ppm, 0-1000ppm). For general purposes, a 0-200 ppm unit is recommended. For most collection lines, a 300 second recording interval is sufficient to detect slow changing hydrogen sulfide levels. In applications where concentration levels change more rapidly, a 60 second recording interval is preferred to assure the accuracy of collected data from the site. The VaporLink® monitor can be programmed to log as frequently as once a second, or as infrequently as once an hour.

Logged data can be transmitted to the Link2Site interface hourly, once every 4 hours or once a day. The VaporLink monitor can also send instantaneous alarms when the hydrogen sulfide concentration exceeds the high level or

average alarm setpoint or, when the gas concentration is less than the low level alarm setpoint. The system also includes an alarm to replace the VaporLink monitor and a low battery alarm.

### Applications

- Wet wells
- Forced main discharges
- Gravity collection systems
- Headwork facilities
- Chemical scrubber inlet
- Biofilter inlet and discharge

### Features and Benefits:

- Site security and controller access via user passwords (when used with Link2Site program)
- Immediate alarm notification (SMS, email, phone call or all of these)
- Reports (daily, monthly, yearly) - on hydrogen sulfide data log
- Widest range of alarm setpoints; unmatched by any other logger
- Sensor lifetime alarm



EVOQUA WATER TECHNOLOGIES NORTH AMERICA SERVICE NETWORK

**NORTH AMERICA SERVICE NETWORK**

Our North America service network is backed by more than 80 offices staffed with certified technicians and applications experts who can solve your problems. In addition, Evoqua Water Technologies provides response flexibility through either a lease or capital purchase option, and the company offers assured liability protection through environmentally safe waste destruction.

**SERVICES AVAILABLE**

- Activated carbon supply, removal and reactivation services
- Filter media supply and removal
- Ion exchange resin supply
- Membrane supply and cleaning programs
- Parts and expendables
- Service contracts
- Temporary/emergency water systems

**TECHNOLOGIES AVAILABLE**

- Odor Control
- Chlorine Dioxide
- Reverse Osmosis (RO) membrane filtration
- Conventional clarification and filtration
- Oil/Water separation
- Granular activated carbon adsorption
- Demineralization
- Inorganic metals removal
- Chemical addition

Evoqua Water Technologies delivers cost-effective, reliable systems guaranteed for quality, safety, and compliance. Our trained service staff is available to make sure your systems is running at peak performance and to your specification. For your water treatment system, choose the partner that is committed to taking care of the world’s water...and yours.



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