

ACTIONABLE DATA FOR RISK MANAGEMENT & PROJECT OPTIMIZATION

ADVANCED REMOTE MONITORING & CONTROL SYSTEMS

FOR PUMPING & FLUID MANAGEMENT



Your Partner and Gateway to the Best Dewatering and Pumping Solutions
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Your project's success and efficiency relies on performance and compliance data.

We are disrupting on-site pumping & fluid management data collection; providing reliable and streamlined solutions for collecting accurate, actionable data that is critical in achieving your end result with significantly less liabilities, cost, and time.

A WELL DESIGNED ADVANCED MONITORING & CONTROL SYSTEMS IS AN ESSENTIAL TOOL FOR:

Avoiding Unexpected and Costly Downtime

Proactive Risk Management with Real-Time Alerts & Control

Environmental Compliance

Compliance Management & Maintain Due Dilligence Records

Maximiming Project Reliability & Efficiency

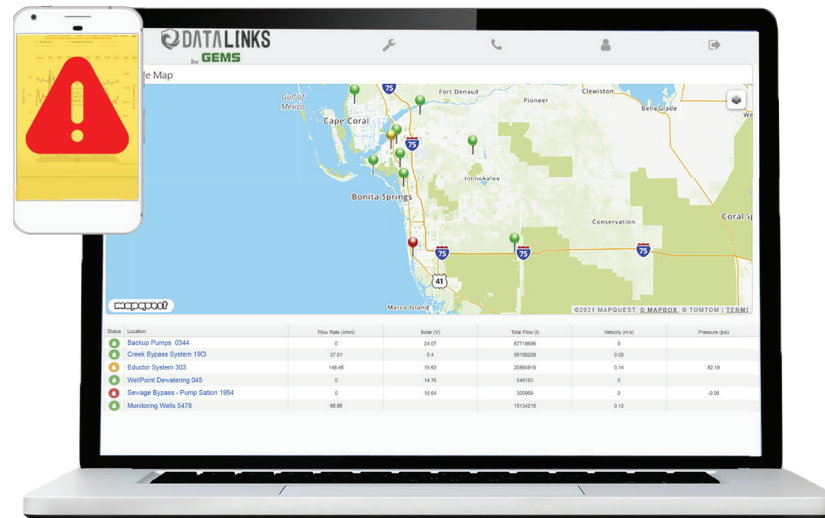
Make Live System Optimization Adjustments with Continuous Data

Competitive Edge

Added value and confidence in your operations



Actionable Data for Risk Management, Environmental Management & Project Optimization



User-Custom Dashboards
Group projects/data



User-Defined Live SMS /Voice/Emails Alerts
Define thresholds & schedule



SCADA HMI
Control system components

Custom User Profiles & Permissions



Easy Data Exporting
Time range & data selection



Asset Tracking
Map equipment location & status



ENDLESS APPLICATIONS

Discharge Filtration & Treatment

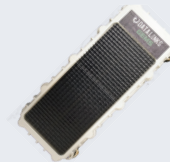
VOC's, In-organics, Hydrocarbons, TSS & Turbidity, Metals & other Treatment Systems: Live monitoring of pressure differentials between media, flow and multi-parameters of water quality



PORTABLE DISCHARGE
TURBIDITY MONITORING

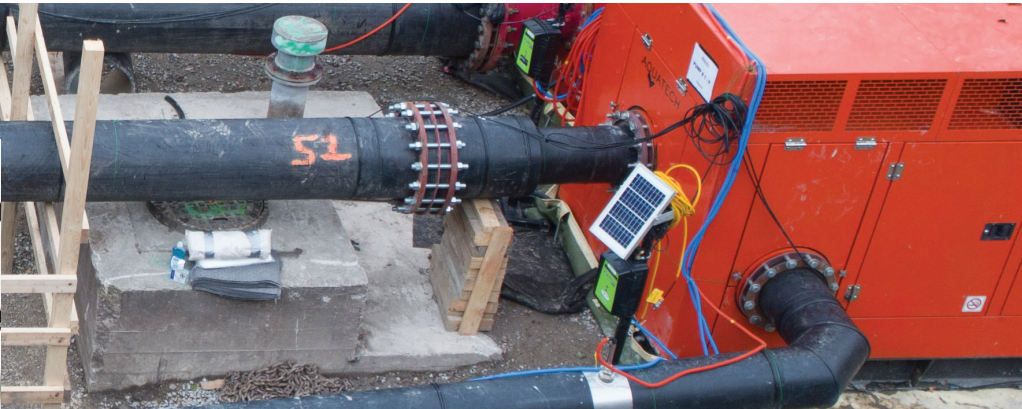


FLOOD ALERT SYSTEM /
FUEL LEVEL MONITORING



PUMP STATUS & LOCATION
MONITORING





Sewage & Bypass Pumping

Wastewater and critical fluid bypass applications where continuous operation and maximized operation is essential



Construction Dewatering

Groundwater and surface water dewatering permit compliance and operations performance monitoring



Creek Bypass and Baseline Studies

Document existing conditions, maximize operation performance or minimize damage to natural environment

DATA CUBE

TURN-KEY IN-LINE MONITORING STATION

Our newest plug-n-play packaged design:
Evolved from years of hands-on experience, and
pre-configured for your application requirements

- Monitor flow & 4 additional parameters inline
- Plug & Play design significantly reduces installation time and errors
- Rugged, stackable and lockable enclosure
- Simple Maintenance
- 4, 6 & 8" Models



TURN-KEY IN-LINE MONITORING STATION



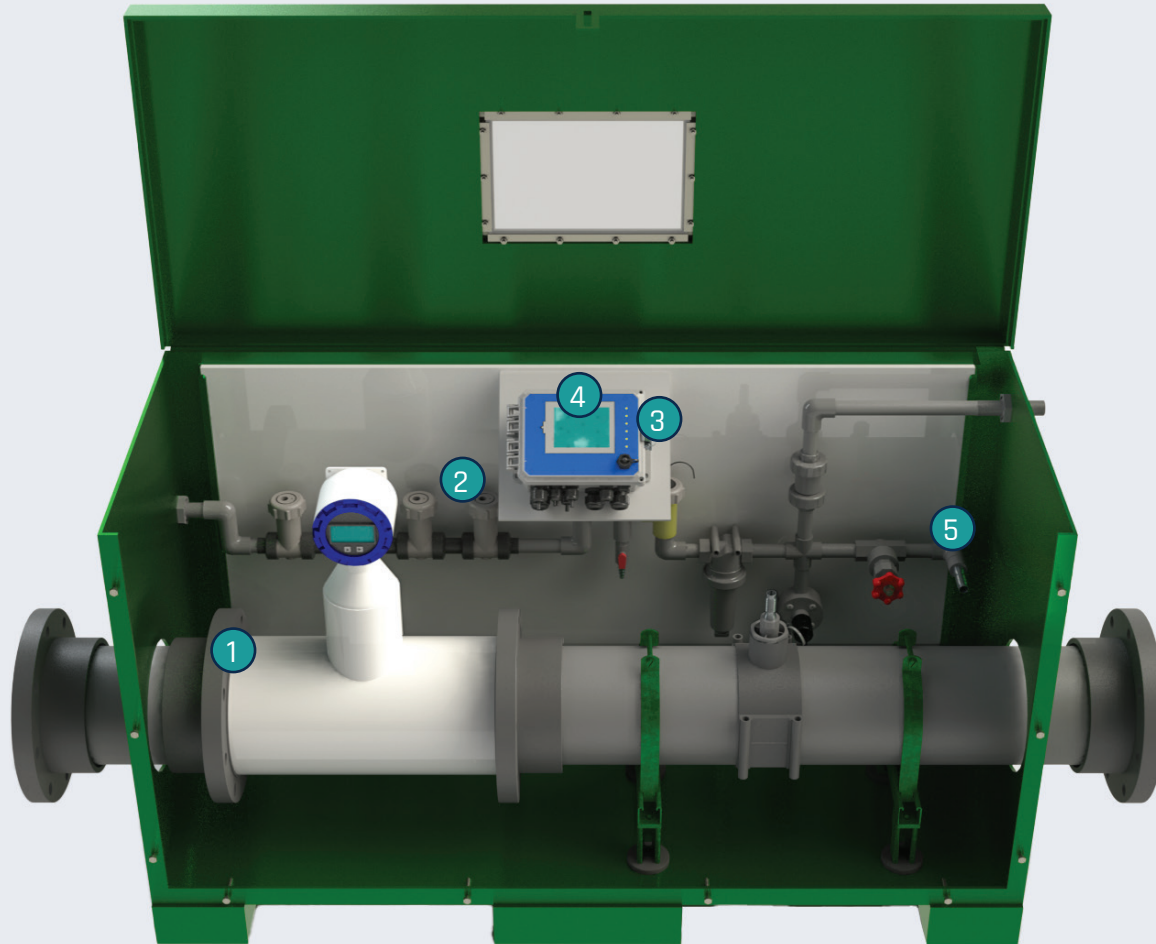
1 FLOW METER

Low maintenance inline flow meter with empty pipe detection, bidirectional flow readings and no moving parts



2 4 INTEGRATED SENSORS

Up to 4 sensors including Turbidity, pH, Hydrocarbons, Pressure, Vacuum and Level



3 REMOTE MONITORING

Continuous remote monitoring and custom alert system with DataLinks Dashboard

4 LCD SCREEN

Onboard data logging with LCD screen for easy on-site viewing

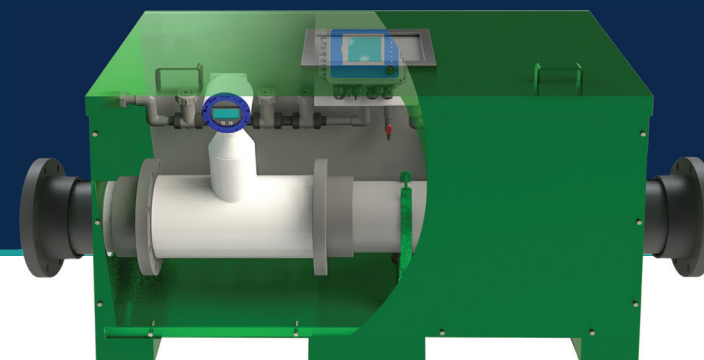
5 INLINE SAMPLE PORT

Easy to access sample port for compliance sample collection and calibration

DATA CUBE

TURN-KEY IN-LINE MONITORING STATION

Plug-n-play in-line monitoring station for flow and 4 additional sensors; pre-configured for easy installation and remote monitoring



FLOW METER	DATA CUBE4	DATA CUBE6	DATA CUBE8
Maximum Flow Capacity	600 GPM	2,891 GPM	5,140 GPM
Low Flow Cutoff	10 GPM	14.5 GPM	25.7 GPM
Maximum Flow Velocity	0.08-4.6m/sec	10m/sec	10m/sec
Maximum Inline Pressure	100 psi	150 psi	150 psi
Accuracy	+/- 0.5%	+/- 1/0.025% *	+/- 1/0.025% *
Power	100-240 VAC, 50/60HZ, 7A max		
Inlet/Outlet Connections	4" Flange	6" Flange	8" Flange
Dimensions (l x h x w)	720 x 30 x 24"	720 x 30 x 24"	720 x 30 x 24"

*+/- 1% of reading, 0.025% of full-scale flow from low flow cutoff to max flow rate

STANDARD ADD-ON SENSORS

pH Measuring Range	0-14 pH
Conductivity Measuring Range	0-30 mS
Turbidity Measuring Range	0-1,000 NTU

STANDARD COMMUNICATIONS*

Data Collection Frequency	1 Min
SCADA Compatible	Yes

*Requires DataLinks Subscription



CORE PARAMETERS



WATER & WASTEWATER FLOW

Specialized sensors for both partially-full and full pipes as well as various fluids



VACUUM & PRESSURE

Suction/Header Line Vacuum, Discharge Pressure Level



SURCHARGE/FLUID LEVEL

Depth for Water, Oil and Wastewater



HIGH & LOW LEVEL

Trigger for Water/Wastewater Level Exceedances



WATER QUALITY

Standalone & Multi-Parameter Instruments for: Turbidity, TSS, pH, Temperature, DO, ORP, TDS, RDO, Barometric Pressure, Salinity, Conductivity, Chloride, Nitrate, Ammonium, Rhodamine WT, Chlorophyll, Blue Green Algae



VIBRATION & GPS

Shock/Pulsation Level and Asset Tracking



PUMP OPERATIONS

Engine Speed & Temperature, Fuel Level, Oil Pressure, Power



RAIN LEVEL

Accumulated Rainfall



AIR QUALITY & WEATHER

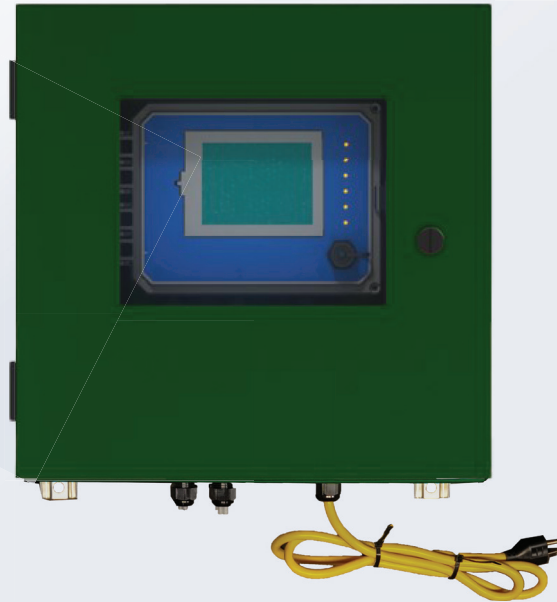
Dust, Temperature, Gases, Wind Speed/Direction, Rainfall, Humidity, Sunlight



SURVEILLANCE MONITORING

Remote Motion-Triggered Video & Photography

ADDITIONAL PARAMETERS



DATABASE

Portable remote monitoring & control
base for up to 4 instruments

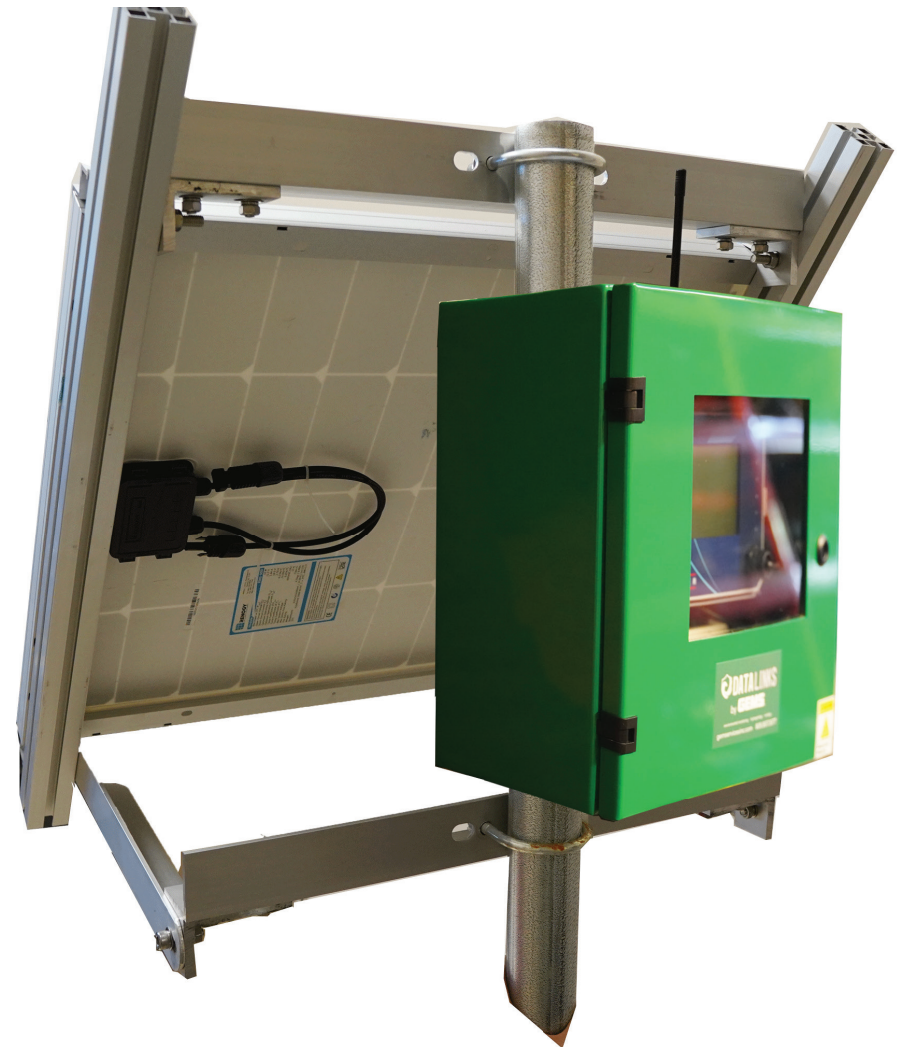


DATABASE

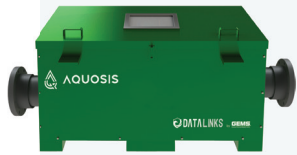
Portable system solutions for projects with space constraints: 2-way wireless communication solution for monitoring and controlling multiple instruments with DataLinks dashboard and alert system in real-time

FEATURES

- Collects data and provides real-time access with custom alerts
- Base configuration connects to 4 instruments
- NEMA certified Enclosures
- Battery & Solar Power Options



lineup



PACKAGED MONITORING STATIONS

Plug & Play In-Line Pumping & Fluid Management Remote Monitoring Station for multiple sensors. Pre-configured for your application requirements



MONITORING SYSTEM BASE UNITS

Flexible multi-sensor "DataBASE" base units for remote monitoring and controlling to 4 sensors, and "DataPOINT" single sensor base units



INSTRUMENTATION

Wide range of reliable, user-friendly and precision instrumentation for water quality, water quantity and operating parameters



24/7 REMOTE MONITORING,
ALERTS & SCADA INTERFACE

PLATINUM
10 SECOND
UPLOAD

GOLD
1 MIN
UPLOAD

SILVER
1 HOUR
UPLOAD

BRONZE
DAILY
UPLOAD



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