



# GK REMOTE MONITORING

*Powered by GK DATALINK*

## Real-Time Water Monitoring

### REAL-TIME TESTING

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Biased  
Results

Unbiased full-service remote monitoring of water composition for tank batteries, storage tanks, ponds, and hydraulic fracturing sites.

GK remote monitoring provides real-time analysis of oilfield water composition, resulting in data-driven decisions to optimize fluid designs. Remote monitoring eliminates any delays associated with traditional sample collection schedules and lab testing turn-around times. This reduces chemical expenses, improves water treatment efficiencies, and creates KPI's for water quality.

#### GK Remote Monitoring Capabilities include:

- Total Dissolved Solids (TDS)
- Conductivity
- pH
- ORP
- Chlorides
- Turbidity
- Dissolved Oxygen

1  
Centralized  
Data  
System

### MONITOR

Measure water composition real-time. Identify changes in ion concentrations that can influence corrosion, scaling, and chemical incompatibility.

### MANAGE

Reduce on-site personnel requirements for sample collection and testing of water samples.

### VERIFY

Generate unbiased data for water KPI's and eliminate potential conflicts of interest related to validations performed by the suppliers or service providers.

6+

Water  
Parameters

# GK DATALINK

## LAB DATA. ON-DEMAND. 24/7.

Real-time testing and expert chemists support every step of the operation. Ensure effective frac chemical performance and track changes in fluid parameters.

Make informed decisions with *GK DATALINK* by accessing all your data.

### ***GK DATALINK* features include:**

- Single access point for data generated
- Real-time data access
- Out-of-Range Alarms
- Easy data tracking and analyzing
- Custom portals and dashboards
- Automated chart generation
- Custom reports

## TRACK

Custom alarms for out of range parameters keep you up-to-date with process changes. Pro-actively manage water and effectiveness of water treatment programs. Benefits include process efficiency gains, effective chemical solutions, and cost savings.

## OPTIMIZE

Optimize chemical usage by using your real-time water data to determine compatibility. Establish performance criteria and identify trends. Combined with *GK MOBILE LAB*'s complete chemical testing capabilities, understand the impact of water composition on chemical performance.

## ANALYZE

Access all your water and chemical test data in a searchable database for detailed comparative analysis. Access historical data and evaluate the changes in ion concentrations, chemical treatment efficiency, etc.

