



GK REMOTE MONITORING

Powered by GK DATALINK

Real-Time Water Monitoring

REAL-TIME TESTING

0

Biased
Results

1

Centralized
Data
System

6+

Water
Parameters

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

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.

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.

