



COMPLETE WATER SYSTEM SERVICES

CHOOSING THE RIGHT APPROACH IS CRITICAL TO YOUR SUCCESS

Our system allows for rapid monitoring of potentially dangerous water constituents, making it a critical part of our safety systems and our overall commitment to health and safety.

We have implemented cutting-edge technologies along with advanced data analysis tools for the examination of water chemistry. This system enables real-time analysis of water properties specific to factors like the water source, storage conditions, and ambient temperatures. These advanced techniques can be applied instantly on-site, allowing prompt and informed adjustments to enhance operational efficiency and overall oil recovery.

Furthermore, water systems can be replicated and assessed in the Remote Research and Development Laboratory to gauge their impact on the quality of recovered hydrocarbons, identify and eliminate potential interferences with services like fracturing, and prevent structural issues arising from corrosion or scaling.

Simple solutions that support the bottom line have never been more clear.

remote



#20, 60051 - Hwy 668
County of Grande Prairie No.1,
AB, T8W 5A8



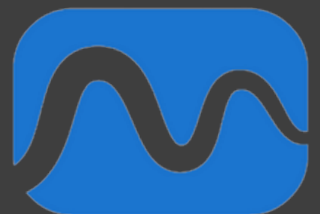
1-780-537-3011



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ONSITE TESTING OF:

- Microbial Populations
- Chlorine - Total (tCl)
- pH
- Sulfide
- Chloride

LAB TESTING FOR:

- Alkalinity - Total (as CaCO₃)
- Iron - Alternate (xFe)
- Sulfate
- Calcium as CaCO₃
- Total Hardness (CaCO₃)
- Barium - Total



CASE STUDY:

MICROBIOLOGY COMPLETED FOR YOUR PROJECT

Figure 1.

The required chemical dose (in ppm) is plotted as a function of time over the duration of the job. Note the large upfront biocide requirements, usually due to water stagnation or unpurged tanks and hoses. As the job progresses, the chemical demand typically drops but can fluctuate rapidly throughout the course of the job. This volatility in bacteria loadings and water quality is rarely measured by conventional means and, therefore, often goes untreated.

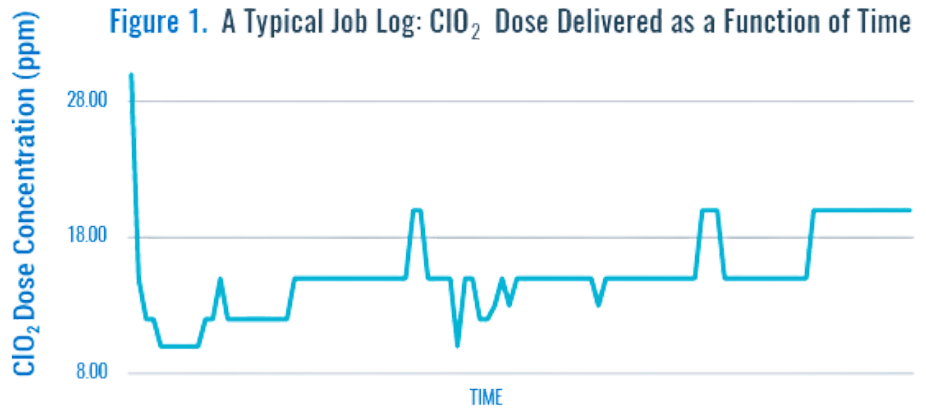
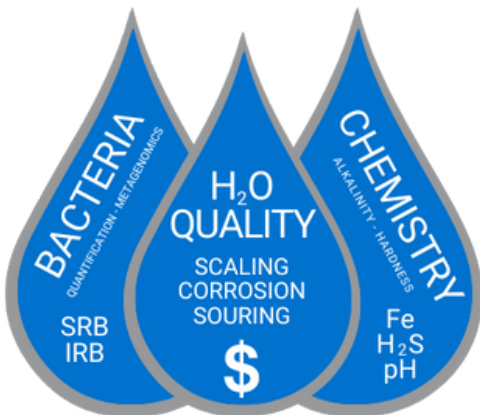
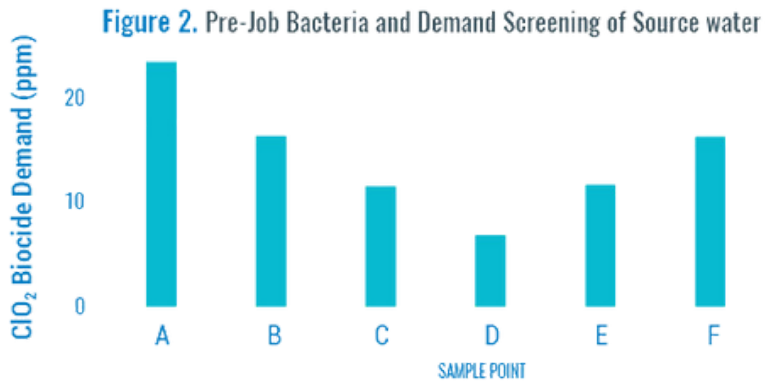


Figure 2.

A comparative bar chart demonstrating the variability of the required biocide dose at multiple sample points on the same job!

Fortunately, Remote OTS' QAQC sampling program is designed to account for exactly these kinds of inconsistencies and will treat them accordingly for the duration of the job.



**CONTACT US TO DISCUSS
YOUR PROJECT & FIND OUT
HOW WE CAN HELP**