



PRODUCED WATER RECYCLING

YOUR SITE'S PRODUCED WATER CAN BE EFFECTIVELY RECYCLED

Remote Water Solutions will help you reduce waste, maximize revenue, and be environmentally mindful.

Water recycling in hydraulic fracturing (frac) operations is made possible through the use of effective oxidizers, with ClO₂ being a notable example.

While there are alternative oxidizers available, ClO₂ stands out as a highly efficient oxidizer for hydrogen sulfide (H₂S). The oxidizers play a crucial role in the process by reacting with H₂S to form a sulfate precipitant.

This reaction not only neutralizes the harmful effects of H₂S but also facilitates the reuse of water in frac operations. By employing these oxidizers, the industry can enhance sustainability practices and reduce the environmental impact associated with water usage in hydraulic fracturing processes.

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

remote



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LEADING CANADA'S WASTEWATER INDUSTRY!

Utilizing cutting-edge technology and experienced personnel, we provide, maintain, and operate a mobile fleet of chlorine dioxide generators, wastewater treatment plants, and serve as the premier Poly Tank Supplier for Western Canada.



SOLIDS REMOVAL

DISSOLVED AIR FLOTATION (DAF)

Remote uses proven produced water treatment and solids removal processes that allow for cost-effective, clean, reusable frac fluid and eliminate the need for disposal. Through a specialized DAF and chemical delivery system, we can offer reliable and safe treatment at any volume while maintaining a small footprint. Remote's DAF air system utilizes an industry-leading 30-micron bubble and cross-flow design to offer highly efficient flow rates with a minimal amount of energy.

Our mobile units can treat 10,000 – 50,000 bbls per day, and we can help scale up our technology to meet the needs of temporary or permanent facilities that could handle from 100,000 to over 250,000 bbls a day. With the ability to handle up to 2500 mg/l TSS the system can remove 99% of all solids and FOG found in produced water

WE HAVE SOLUTIONS FOR YOUR WATER PROBLEMS



PRE-JOB ANALYSIS; DEFINE THE MEASURES OF SUCCESS



COST EFFECTIVENESS



PROVEN RELIABILITY



CLO₂ OFTEN USED TO POLISH



H₂S PERMANENTLY REMOVED



EFFECTIVE COMMUNICATION

Overview:

- High-rate TSS removal at a low cost
- Polypropylene construction reduces corrosion concerns
- Chemicals used depend on impurities and pH of the influent
- Up to 7,500m³ per day
- Low power requirement
- Small footprint²
- Pre or post ClO₂ treating

SOUR TREATMENT

Remote Water Group offers a range of solutions for treating sour fluid, addressing the pervasive presence of the hazardous compound H₂S in every shale play.

With extensive experience, we provide secure and reliable treatment options for tanks, pits, disposal sites, and on-the-fly treatment of sour fluid.

In 2018, we successfully treated over 15 million barrels of produced water, saving significant costs by tailoring solutions to each unique situation rather than offering generic products. Our commitment lies in delivering efficient, customized, and environmentally responsible treatments for diverse oilfield scenarios.