

CHEMICAL IP

CHEMISTRY / SYSTEMS / SCALE

MARKETS SERVED / WATER

Water Treatment & Reuse

Produced water, industrial wastewater, and modular treatment.

Design a complete treatment outcome from water sample to outlet specification.





Treat the whole stream

Chemistry selection follows the inlet variability and required water quality.

OIL AND FINE SOLIDS

AquaCore™, SepraTech™, coagulants, and PAM support separation and clarification.

SOURING AND BIOLOGY

OxiPro™ and SulfaGuard™ programs target microbial and sulfide issues.

ASSET PROTECTION

ScaleX™ and CorroShield™ address deposits and corrosion in the train.

POLISHING AND REUSE

Pretreatment and compatibility support filtration, downstream reuse, and completion-water needs.

Success is the full cost per treated barrel at the required outlet quality.



WATER TREATMENT & REUSE / 02

Chemistry + equipment + operations

A treatment program can include a modular process train as well as recurring chemical supply.

DIAGNOSE

Analyze actual water, current process, bottleneck, and discharge or reuse target.

DESIGN

Select dosing, mixing, flotation, filtration, polishing, and control stages to fit the stream.

DELIVER

Offer equipment sale, structured lease, or project-specific treatment service.

IMPROVE

Record throughput, quality, residuals, uptime, and chemical usage.

The recent Vision22 partnership concept follows this integrated development path.



Typical starting points

A narrowly defined stream and target lead to a faster technical and commercial decision.

BROWNFIELD BOTTLENECK

Chemistry redesign plus skid retrofit to improve separation or capacity.

REMOTE OR FAST CAPACITY

Mobile treatment equipment and local chemical supply ahead of permanent buildout.

CIRCULAR WATER HUB

Multi-stream reuse with full process design and operating records.

PILOT TO PROGRAM

Benchmark, engineer, trial, then size the commercial system.

Water analyses and trial data set the basis for equipment sizing and performance commitments.