

CHEMICAL IP

CHEMISTRY / SYSTEMS / SCALE

CORE PRODUCT CATEGORIES / PRODUCT PLATFORM

AquaCore™

Water treatment & reuse

Condition difficult water for a specified separation, reuse or discharge outcome.

APPLICATION • PROOF • COMMERCIAL SCALE



01 / 04



AQUACORE™ / 01

Where the platform fits

Condition difficult water for a specified separation, reuse or discharge outcome.

PRODUCED WATER

Clarification, solids and oil-removal programs before reuse.

MINE WATER

Flocculation and process-water recovery concepts.

INDUSTRIAL

Fit chemistry to the inlet stream and downstream process.

CONNECTED SYSTEM

Chemical IP R&D, OFI supply and Kane engineering can be combined when the process requires more than a product.

Select the treatment around the customer stream, objective and operating constraints.



AQUACORE™ / 02

Prove the operating value

Application-specific tests connect a technical response to a customer decision.

WATER ANALYSIS

Establish variability, solids, oil, chemistry and required outlet quality.

JAR & PILOT

Screen coagulation, flocculation and process alternatives.

OPERATIONS

Track throughput, sludge, filtration and chemical consumption.

VALUE METRIC

Full cost per treated barrel at the required outlet specification.

Bench and field results define the commercial claim for this application.



AQUACORE™ / 03

From trial to program

Qualified chemistry becomes a repeatable supply and service arrangement.

QUALIFY

Agree on the specification, sampling plan and acceptance criteria.

ENGINEER

Select product form, production route, equipment and safe operating envelope.

SUPPLY

Choose bulk, toll, private label or regional manufacture as volume supports.

IMPROVE

Connect batch quality, dose and field data to an ongoing technical review.

A representative sample and a measurable target are the best starting point.