Proven results:
Aquaculture effluent treatment

- Up to 70% less chemicals
- Fewer lorry movements
- 30-50% less sludge to dispose
- Better effluent quality
- Significant annual savings
- No new equipment/Capex needed

Challenges	Veolia Solutions
Tightening environmental regulations Stricter discharge limits for effluent quality and consent compliance	**Natural treatment chemistry** Plant-based coagulants reduce or replace metal coagulants and eliminate caustic soda, lowering
High chemical dependency Traditional treatment relies on metal coagulants and caustic soda, increasing costs, handling risks and chemical storage requirements	**Lower chemical consumption** Optimised dosing significantly reduces ferric and polymer usage, lowering treatment costs
Fine suspended solids escaping filtration Small particles passing through filters impact discharge quality and consent compliance	**Improved solids removal** Ennanced coagulation captures Tine suspended solids escaping filtration, improving effluent clarity and compliance confidence
Wet, bulky sludge Poor solids capture produces low-dry-solids sludge, increasing transport frequency and disposal costs	**Drier, more manageable sludge** Improved solids capture delivers 30-50% less sludge, reducing transport and disposal costs
Rising operational costs Chemical usage, sludge disposal and compliance management pressure operating budgets	**Reduced environmental impact** Less chemical usage and lower metal discharge supports more sustainable aquaculture operations
Fragmented responsibility Multiple suppliers for chemicals, equipment and service support makes optimisation difficult and time-consuming	**One expert partner** Veolia provides chemistry, equipment optimisation and ongoing technical support through a single integrated service

Transform Your Aquaculture Operations

Veolia's integrated approach delivers measurable results across all key performance indicators