



A complete spectrum
of wastewater treatment equipment



Finding the right fit

Wastewater treatment plants worldwide come in every shape and colour. Each one is unique, with different environmental and economic challenges to be overcome. With a world-leading spectrum of equipment and competence in wastewater treatment, Alfa Laval can support contractors, designers and plant operators to get the best solution to their specific challenges.

Your one-stop-shop for equipment and know-how

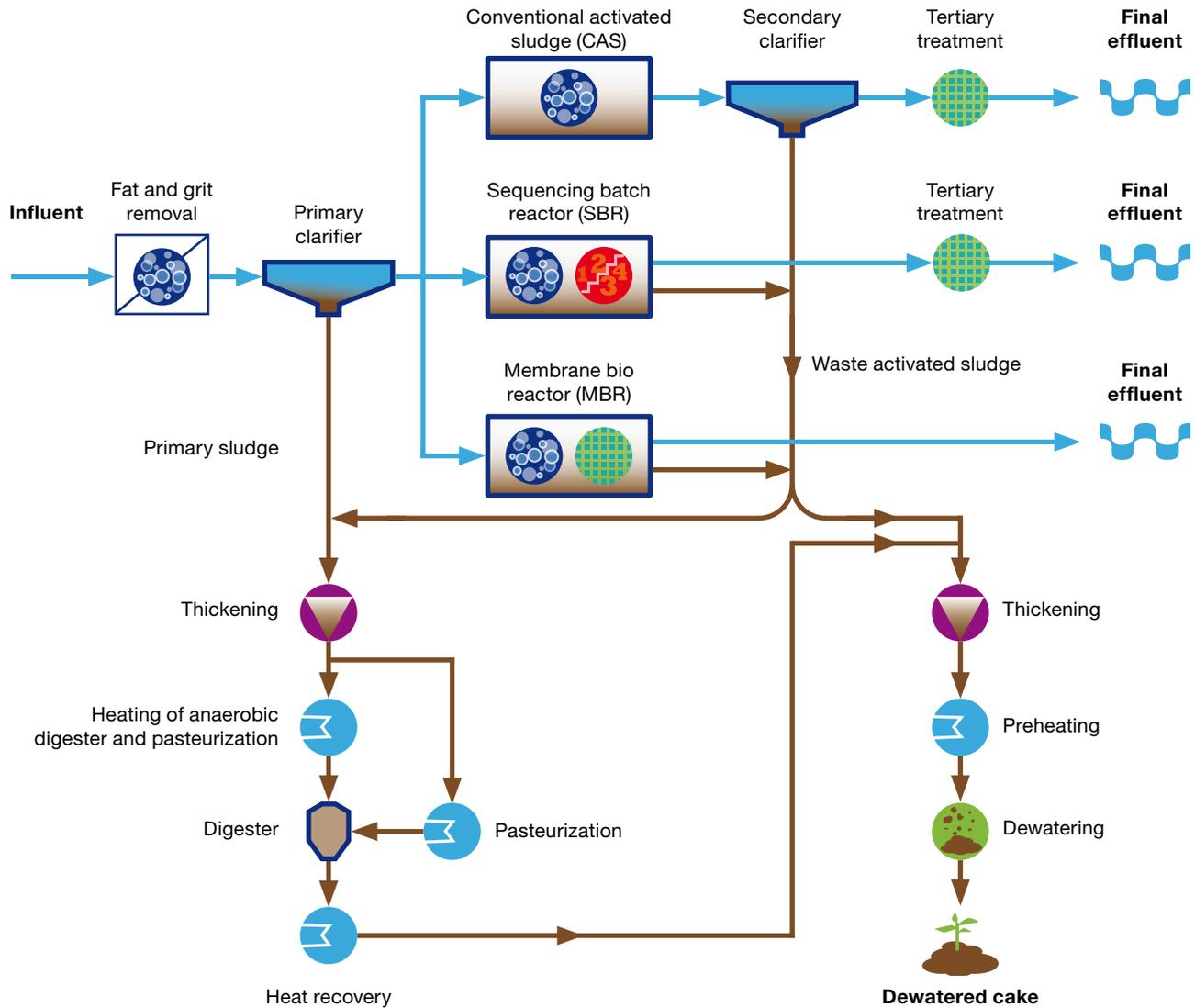
Many factors must be taken into consideration when building or revamping an industrial or municipal wastewater treatment plant. Environmental legislation, process conditions, capacity requirements, investment cost, projected future demands, energy, polymer and disposal costs are but a few.

With Alfa Laval as your partner the process is simplified because you get the dual advantage of access to industry-leading wastewater expertise from thousands of installations, as well as one of the widest equipment ranges for wastewater treatment.

For contractors and plant designers, we can support you in analysing the situation to suggest the best equipment to meet project specifications and requirements. This helps reduce technical uncertainties, while identifying components that will work well together for optimum plant efficiency at lowest operating costs.



Process and product overview





Filtration

Membrane Filtration Modules (MFM) for MBR



Cloth media filters for tertiary treatment



Sequencing batch reactor

Sequencing batch reactor systems



Diffused aeration

Fine and coarse bubble diffusers



Heat exchangers

Spiral heat exchangers



Tube in tube heat exchangers



Fluid control

Sluice gates, flap valves, stoplogs and stopgates for all types of flow control in wastewater treatment plants



Thickening

Drum thickeners



Gravity belt thickeners



Decanter centrifuges



Dewatering

Belt presses



Decanter centrifuges



Filter presses



Screw presses



Products and knowledge for a focused solution

Contractors, designers and plant operators working with Alfa Laval to build or upgrade industrial and municipal wastewater plants benefit from a high level of focus to get the best results. This means they can:

- lower total operating costs
- reduce polymer consumption, energy use and disposal costs
- optimize cake dryness and effluent quality
- get higher capacity
- minimize engineering and investment costs
- reduce installation and start-up costs
- ensure on-time project completion
- optimize investment and operational costs.



For the long run

Our obligation to you as a customer does not stop at delivery. Continuous service is critical for plant efficiency and low lifecycle costs. With a global network of service centres, spare parts distribution hubs and field service engineers, we support you whenever and wherever you need us.

We can also provide advice on how to improve operation when conditions change, and thus supply the needed equipment upgrades. Training too is part of our offering. Performance Agreements, tailored to your needs, allow you to accurately budget service costs, while simultaneously maximising uptime, and improving cost-efficiency and performance.

The bottom line is the comfort and confidence that both contractors and operators get in choosing fully-integrated workable solutions from a single source; all backed by expert local maintenance and spare parts services.

Alfa Laval in brief

Alfa Laval is a leading global provider of specialized products and engineering solutions.

Our equipment, systems and services are dedicated to helping customers to optimize the performance of their processes. Time and time again.

We help our customers to heat, cool, separate and transport products such as oil, water, chemicals, beverages, foodstuffs, starch and pharmaceuticals.

Our worldwide organization works closely with customers in almost 100 countries to help them stay ahead.

How to contact Alfa Laval

Contact details for all countries are continually updated on our web site. Please visit www.alfalaval.com to access the information.



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