

# Sole-Mizo | Dairy

## CASE STUDY | Food & Beverage

### | The client's needs

“Please prioritize safety instead of competitiveness” was the key message from this customer as they selected Veolia Water Technologies to build a new wastewater treatment plant.

The customer values a robust and reliable process because there are high business continuity risks associated with the performance of the plant. The wastewater recipient is a bordering creek to an international neighbour so exceeding discharge limits could lead to diplomatic challenges. For this reason, the effluent limit is as strict as is legally possible (TSS<30, TP<0,7) in that region.

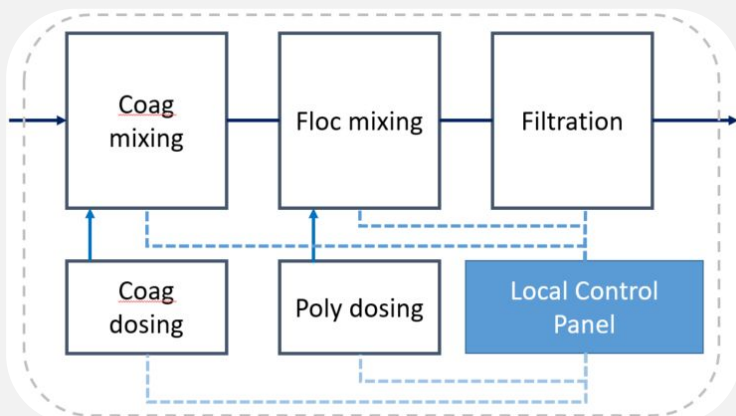
The factory uses phosphoric acid in the production as a cleaning agent, which can lead to high levels of phosphorus in the wastewater feed composition.

### | The solution

**Nutri-Pack Hydrotech™ P-Reduction**  
Veolia Water Technologies solution included tertiary treatment of the wastewater.

Coagulation is used to precipitate phosphorus and polymer is added to floc the solids to improve filtration performance.

Mechanical equipment and the process control for this solution are optimized to achieve the necessary TSS and nutrient reduction while minimizing the need for filter maintenance.



Bácsbokod, Hungary

### | The client

Sole Mizo is a producer of healthy and delicious dairy products. The Bácsbokod factory in Hungary contributes to their range of semi-hard and processed cheese products. Among other things, natural and smoked cheeses, grilled cheeses and creamy white cheeses

### Key Figures

- Robust performance with :
- TSS reduction < 95%
  - P reduction < 90%

👉 Easy & fast to install

👉 Integrated cleaning tools for fast capacity recovery

👉 Proven solution based on proprietary Hydrotech control philosophy