

Food Industry (70) - France

PROCESS WATER

Needs

The client, a food industry, specialized in the production of demineralized lactoserum has specific requirements for its process water. Indeed, the treated water used in the manufacturing process needs to be qualify as "drinking water" from a surface water (La Saône) and ensure a constant turbidity in the input chain. Only ultrafiltration technology meet these requirements.



Solution

50 m³/h

**ECOSKID™
NOMAD**

**RENTAL
SHORT TIME**

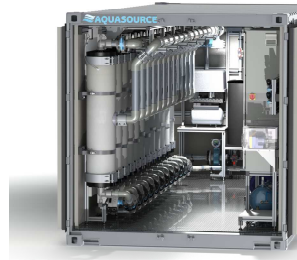
- **Surface water**
- **Turbidity :** 2 NFU (PEAKS to 10)
- **T° :** 10°C
- **TOC :** < 1,5 mg_c/L
- **UV_{254nm} :** < 2,5 m⁻²
- **UV_{254nm}/TOC :** < 1,5

- **Decantation**
Removal of a large part of suspended solids & organic matters

- **Sand filter**
Removal of suspended solids

- **Ultrafiltration**
For Clarification – Disinfection of water while safeguarding mineral salts
- Treated water turbidity < 0,1 NTU
- Removal of 99,9999% viruses, bacterias, germs....

- **Water perfectly clear and constant quality**



**System
UF**

**ECOSKID™
NOMAD
12 modules**

IMPLEMENTATION 24H
System in 20 'container
Delivered "ready to connect"
One day of commissioning and training

APPROVALS
ACS, CE, NSF, KWWA

CONTINUOUS PRODUCTION
100% autonomous system
Automatic control of flow according to raw water quality

SUPPORT A L'EXPLOITATION
Remote control
SMS alerts
Hotline

Partership