



Economical      Safe      Exclusive process      Eco-friendly

**Ecoskid™ INEA™**

**4 300 m<sup>3</sup>/day**

Raw water origin : surface



# LES MENUIRES, France (73)

3 Ecoskid™ 20 modules INEA™ AC364

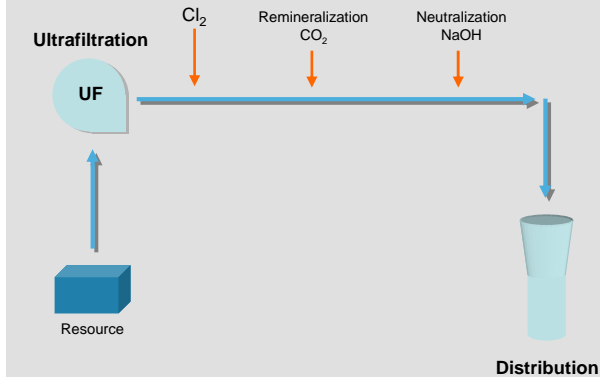
2009

In the context of the growth of the mountain activities in the french ski resort Les Ménuires (Savoie 73), The association of the Lou, launched a modernization process of the drinking water production.

The water resource comes from the pooling of different superficial springs.

The technical stakes and the requirements of the customer were determined with the following points:

- To maintain the drinking water production whatever the request, in particular during the high season (winter +30%)
- Clarification (turbidity < 0,5 NTU) in particular during the periods of rainfall and snow thaws periods
- Sanitary safety (bacteria, parasites, viruses)
- Remineralization to raise total alkalinity ratio
- Loss of taste of chlorine



**• The water:**

- Turbidity** : < 3 NTU (peaks at 20)
- Iron** : < 0,05 mg/L
- Manganese** : < 0,02 mg/L
- pH** : entre 7 et 8,5
- T** : entre 0,1 °C et 11°C
- COT** : 1,5 mg/L
- UV** : 2,5 m<sup>-1</sup>

**• Treatment objectives:**

- Elimination of turbidity
- Sanitary safety (bacteria, parasites and viruses removal),
- Minimization of the chloration of the grinking water network



**• The system:**

Ecoskid™ is a "dead-end" standard automatic and autonomous Ultrafiltration unit equipped with all parts needed for operation :

- pumps,
- PLC,
- chlorination system,
- prefiltration,
- compressor ...

Its production varies between 10 and 200 m<sup>3</sup>/h.

