

CLOS DE HILDE



The water is taken from the nature, then, the water quality is improved . It's stored in reservoirs, next, it's used, and, eventually, the water is sent to sewage treatment plants.

Clos de Hilde is a very **modern** and **aesthetic** sewage treatment plant. Indeed, it's painted in blue, and **it doesn't smell**.

Besides, this plant can treat the water of **50,000 inhabitants**.

Clos de Hilde is a new treatment plant, it has got the best equipments.

There is a long treatment process, beginning with **pre-treatment**, which removes every big floating material like rocks, greases or oils. Afterwards, it is primary treatment,



which consists in **sedimentation**,

that is to say, the separation of treated

and dirty waters, biologically; Next to that, there are **secondary**

treatments, which can consume sugars, fats, organic molecules thanks to

bacteria and protoza. Then, there is **the treatment of sludge** (denitrification and destruction of

oxygen); Eventually, There are tertiary treatments, with **filtration** of nutrient, nitrogen and

phosphorus removals, and **disinfection** of treated waters.



The process is **very long**, although Clos de Hilde doesn't use every existing system.