

Clos de Hilde



Clos de Hilde is a waste water treatment plant. This is one of the biggest European plants. It's very modern. In France, it's the only plant which is covered (Because the odours are very unpleasant). And it's an unusual plant because it's very aesthetic. The buildings are blue, to remind of water. This plant is very performant : it can clean the waste water of 50,000 inhabitants, very quickly. It was built in two steps.

There are many stages before the water is clean : pre-treatment, screening, sedimentation, organic filtration.

- Firstly, the **pre-treatment** removes oils, greases, rocks, gravels : every material that can be easily collected, in many steps : pumping and containment, screening, storage.
- Then, the **flocculation** clarifies the water : The floc floating at the surface of a basin and a mechanical system pushes the floc out of the water basin.
- Afterwards, the **organic filtration** eliminates every microscopic remaining residue.
- Finally, the sludge is treated and sent to the farmers. The air is also treated for the comfort of the employees.

