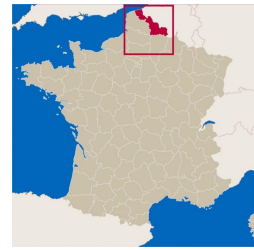




DANONE
BAILLEUL
59 | FRANCE

Capacity in IE : 32 500
Capacity in m³ per day : 2 000
Activity : Food-processing industry
Category : Dairyhouse
Year of construction : 1998



TYPE OF TREATMENT

Water treatment

- Buffer tank
- Grease separator
- Aeration basin



Sludge treatment

- Biological treatment of grease



TECHNICAL DATA OF PLANT

	Capacity of treatment	Treated water discharge standards
Daily volume	2 000 m ³ /d	
Peak flow	165 m ³ /h	
Pollution load	32 500 IE	
Biological oxygen demand (BOD5)	1 950 kg/j	20 mg/l
Chemical oxygendemand (COD)	3 500 kg/j	90 mg/l
Suspended solids	800 kg/j	30 mg/l
Total Kjeldahl nitrogen	117 kg/j	20 mg/l
Total phosphorus	20 kg/j	6,5 mg/l

The Inhabitant Equivalent (IE) is a notion used in sanitation to evaluate the size of waste water treatment plants, it corresponds to an estimate of pollution caused by the "inhabitant equivalent" defined thus :

- 60 g/inhabitant/day for DBO5
- 90 g/inhabitant/day for suspended matter
- 15 g/inhabitant/day for total nitrogen
- 4 g/inhabitant/day for total phosphor