



PSA SLOVAQUIE
TARNAVA
SLOVAQUIE

Capacity in IE : 14 000
Capacity in m³ per day : 1 785
Activity : Others
Category : Cosmétiques
Year of construction : 2005



TYPE OF TREATMENT

Water treatment

- Screening
- Sand and oil separation
- Buffer tank
- Aeration basin
- Settling tank



Sludge treatment

- Filter press



TECHNICAL DATA OF PLANT

	Capacity of treatment	Treated water discharge standards
Daily volume	1 785 m ³ /d	
Peak flow	150 m ³ /h	
Pollution load	14 000 IE	
Biological oxygen demand (BOD5)	840 kg/j	25 mg/l
Chemical oxygendemand (COD)	1 740 kg/j	125 mg/l
Suspended solids	450 kg/j	35 mg/l
Total Kjeldahl nitrogen		30 mg/l
Total nitrogen		3 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