

## Environmental Standards

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### Effluent

#### DAIRY INDUSTRY : EFFLUENT STANDARDS

Parameter	Concentration not exceed in mg/l, except pH	to Quantum per product processed
pH	6.5-8.5	-
*BOD at 27°C, 3 days	100	-
**Suspended solids	150	-
Oil and grease	10	-
Wastewater generation	-	3 m <sup>3</sup> /KI of milk

**Note:** \* BOD may be made stringent upto 30mg/l if the recipient fresh water body is a source for drinking water supply. BOD shall be upto 350mg/l for the chilling plant effluent for applying on land provided the land is designed and operated as a secondary treatment system with suitable monitoring facilities. The drainage water from the land after secondary treatment has to satisfy a limit of 30mg/l of BOD and 10mg/l of nitrate expressed as 'N'. The net addition of the groundwater quality should not be more than 3mg/l of BOD and 3 mg/l of nitrate expressed as 'N'. The limit for applying on land is allowed subject to the availability of adequate land for discharge under the control of the industry, BOD value is relaxable upto 350mg/l, provided the wastewater is discharged into a town sewer leading to secondary treatment of the sewage.

\*\* Suspended solids is relaxable upto 450 mg/l, provided the wastewater is discharged into town sewer leading to secondary treatment of the sewage.

Source: EPA Notification  
[G.S.R. 475(E), 5th May, 1992]