

Environmental Standards

Effluent

FLOUR MILLS

Parameter	Concentration not be exceed
pH	6.5-8.5
BOD at 27°C for 3 days	100 mg/l
Total suspended solids	100 mg/l
Oil & grease	10 mg/l
Wastewater discharge	2 cubic metre per tonne of wheat processed

Note :

1. BOD shall be made stringent upto 30 mg/l if the recipient fresh water body is a source of drinking water supply.
2. BOD shall be allowed upto 350 mg/l for applying on land, provided the land is designed and operated as a secondary treatment system with the requisite monitoring facilities. The drainage water from the land after secondary treatment has to satisfy the limit of 30 mg/l of BOD and 10 mg/l of nitrate expressed as 'N'. The net addition to the groundwater quality should not more than 3 mg/l of BOD and 10 mg/l of nitrate expressed 'N'.
3. BOD shall be allowed upto 350 mg/l for discharge into a town sewer, if such sewer leads to a secondary biological treatment system
4. Suspended solids limit shall be allowed upto 450 mg/l for discharge into a town sewer if, such sewer leads to a treatment system.

Source : EPA Notification
[GSR (176)E, April 2, 1996]