

Table 5.1.3 Wastewater Characteristics of Selected Fertilizer Factories, 1994

Parameter	Urea Fertilizer Factory at Ghorashal			T.S.P. Complex at Chittagong	Chittagong Urea Fertilizer Factory at Chittagong
	Sample 1	Sample 2	Sample 3		
pH	8.5	8.25	8.3	4.5	9.4
BOD ₅ (mg/l)	200	40	120	0	0
COD (mg/l)	340	65	320	20	200
SS (mg/l)	760	1263	562	11910	4968
Total Solids (mg/l)	4872	5239	4898	NA	NA
Turbidity (NTU)	27	3.9	7.4	NA	NA
Color (TCU)	60	2	10	NA	NA
Phosphate (mg/l)	NA	NA	NA	56	7
Nitrate (mg/l)	4.5	5	15	20	22
Ammonia-N (mg/l)	55	65	90	NA	NA
Kjeldahl-N (mg/l)	86	82	115	15	185
Chromium (mg/l)	0.358	0.372	0.025	0.075	0.022
Nickel (mg/l)	0.038	0.03	0.064	0.068	0.087

Source : Faisal *et. al.* (2001)