

تر مرجوع مرو ترو ترکوم مرجو Utility Regulatory Authority

Waste Water Reuse Standard

Parameters	Units	Permisible Limits
Faecal coliforms	CFU/100ml	0
E. coli	Org/100ml	0
Suspended solids	mg/l	15
Residual chlorine	mg/l	0.8
Temperature	°C	Not more than 3°C above the receiving water
рН	-	6-9
Nitrates as N	mg/l	6
Free ammonia as NH3	mg/l	5
Ortho-phosphate as P	mg/l	1
Surfactants	mg/l	10
Electrical Conductivity	µS/cm	Equal or less than receiving groundwater
oils and grease (food related)	mg/l	5
Oils, grease and waxes (mineral origin)	mg/l	1
Hydrocarbons (fuel origins)	mg/l	0
Chemical Oxygen Demand (5days)	mg/l	5
Biological Oxygen Demand (5days)	mg/l	5
Dissolved Oxygen	-	75% air saturation
Phenolic compounds as Phenol	mg/l	1
Arsenic as As	mg/l	0.05
Calcium as Ca	mg/l	80

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Cyanides as Cn	mg/l	0.5
Chloride as Cl	mg/l	200
Sulphides as S	mg/l	0.05
Sulphates as SO4	mg/l	250
Fluoride as F	mg/l	1
Sodium as Na	mg/l	200
Zinc ad Zn	mg/l	5
Cadmium as Cd	mg/l	0.005
Mercury as Hg	mg/l	0.02
Selenium as Se	mg/l	0.05
Nickel as Ni	mg/l	1
Boron as B	mg/l	0.5
Hexavalent Chromium as Cr	mg/l	0.05
Total Chromium as Cr	mg/l	0.5
Copper as Cu	mg/l	1
Lead as Pb	mg/l	0.1
Iron as Fe	mg/l	1
Manganese as Mn	mg/l	0.1
Magnesium as Mg	mg/l	100
Aluminium as Al	mg/l	0.3
Sum of metals	mg/l	1
Acute toxicity	-	Zero

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