

### Agenda Item No. 3 (d)

## **Standard for Propagation of Fish and Aquatic Life**

These standards cover the water for propagation of balance growth of fish and other aquatic resource.

<b>Parameter</b>	<b>Unit</b>	<b>Standard</b>
<b>Physical parameters</b>		
Total Dissolved Solids (TDS)	mg/L	1000
Electrical Conductivity at 25 °C	dS/m	1.50
Temperature	The maximum water temperature change shall not exceed 3C° relative to an upstream control point.	
<b>Chemical parameters</b>		
pH	Units	6.5-8.5
BOD	mg/L	8
Dissolved Oxygen (D.O.)	mg/L	>5
Ammonia	mg/L as N	1.0
Anionic Detergents as MBAS	mg/L	0.5
Phenolic Compounds as Phenol	mg/L	0.01
Oil and grease	mg/L	2.0
Chromium	mg/L	0.05
Arsenic	mg/L	0.05
Boron	mg/L	1.0
Cadmium	mg/L	0.002
Copper	mg/L	0.007
Cyanide	mg/L	0.005
Fluoride	mg/L	1.5

Iron	mg/L	0.3
Manganese	mg/L	0.1
Lead	mg/L	0.01
Mercury	mg/L	0.000012
Nickel	mg/L	0.05
Selenium	mg/L	0.005
Zinc	mg/L	0.086
Toxic substances and organic pollutants	The waters shall not contain toxic substances and organic pollutants in quantities that may be detrimental fisheries and other aquatic life or to public health or impair the usefulness of the water for the intended purpose.	
<b>Biological parameters</b>		
Coliform bacteria (fecal)	No./100 mL	1000
Coliform bacteria (total)	No./100 mL	5000