

# **Standards for effluent discharge into the Ocean Regulations**

*Government Notice No 45 of 2003*

## **THE ENVIRONMENT PROTECTION ACT 2002**

### **Regulations made by the Minister under sections 39 and 96**

#### **of the Environment Protection Act 2002**

1. These regulations may be cited as the Environment Protection (Standards for effluent discharge into the ocean) Regulations 2003.

2. In these regulations-

“effluent” means water sullied or contaminated by any matter, in solution or suspension and derived from the use of the water in connection with domestic, industrial or other activities.

“HWM” means the High Water Mark at spring tide;

“lagoon” means the extent of sea from the HWM to the reef barrier;

“ocean” means the large expanse of sea from the HWM in the absence of a reef barrier or from a reef barrier where it exists.

3. No person shall discharge, or cause to be discharged effluent into the ocean –

(a) unless it complies with the standards prescribed in the Schedule;

(b) at a distance less than 300 metres off the reef barrier and at a depth of less than 30 metres where there is  
a lagoon; or

(c) at a distance less than 500 metres from the HWM and at a depth of less than 25 metres where there is no  
lagoon.

4. Notwithstanding regulations 3, no person shall discharge any effluent into the ocean at a point where  
currents will cause effluent to be taken back into the lagoon. sea

5. These regulations shall come into operation on 01 September 2003.

Made by the Minister on 05 February 2003.

## SCHEDULE

(regulation 3)

The following standards are permissible limits or range for the corresponding parameters:

Parameter	Unit	Permissible limits
Temperature	°C	40
pH	-	5 – 9
Floatables	mm	6
Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/l	250
Chemical Oxygen Demand (COD)	mg/l	750
Suspended Solids	mg/l	300
Cadmium	µg/l	20
Chromium (VI)	µg/l	100
Chromium, Total	µg/l	500
Cyanides (as CN <sup>-</sup> )	µg/l	100
Lead	mg/l	2
Nickel	mg/l	2
Zinc	mg/l	2
Total Mercury	µg/l	10
Arsenic	µg/l	200
Total pesticides	mg/l	1
Oil & Grease	mg/l	20