

1990 No. 121 (S.13)

WATER SUPPLY, SCOTLAND

**The Surface Waters (Classification) (Scotland)
Regulations 1990**

<i>Made</i> - - - -	<i>23rd January 1990</i>
<i>Laid before Parliament</i>	<i>8th February 1990</i>
<i>Coming into force</i>	<i>1st May 1990</i>

The Secretary of State, in exercise of the powers conferred on him by section 30B of the Control of Pollution Act 1974(a), hereby makes the following Regulations:

Citation and commencement

1. These Regulations may be cited as the Surface Waters (Classification) (Scotland) Regulations 1990 and shall come into force on 1st May 1990.

Classification of waters

2. These Regulations, and the system of classification prescribed by these Regulations, apply in relation to inland waters (including any loch or pond which, by virtue of an order made under section 30A(5)(b) of the Control of Pollution Act 1974, is to be treated as a relevant loch or pond).

3. The waters to which these Regulations apply shall be classified DW1, DW2 or DW3, as the case may be, according to the criteria set out in the Schedule to these Regulations, which criteria shall determine their suitability for abstraction by water authorities within the meaning of the Water (Scotland) Act 1980 for supply (after treatment) as drinking water.

St. Andrew's House, Edinburgh
23rd January 1990

James Douglas-Hamilton
Parliamentary Under Secretary of State,
Scottish Office

(a) 1974 c.40; section 30B was inserted, as part of a substitution of a new Part II of the Act, by the Water Act 1989 (c.15), Schedule 23 paragraph 4.

SCHEDULE

Regulation 3

Criteria for the classification of waters

The limits set out below are maxima

(1) No. in Annex II to 75/440/EEC	(2) Parameters		(3) DW1	(4) DW2	(5) DW3
2	Coloration (after simple filtration)	mg/1 Pt Scale	20	100	200
4	Temperature	°C	25	25	25
7	Nitrates	mg/1 NO ³	50	50	50
8(1)	Fluorides	mg/1 F	1.5		
10	Dissolved iron	mg/1 Fe	0.3	2	
12	Copper	mg/1 Cu	0.05		
13	Zinc	mg/1 Zn	3	5	5
19	Arsenic	mg/1 As	0.05	0.05	0.1
20	Cadmium	mg/1 Cd	0.005	0.005	0.005
21	Total chromium	mg/1 Cr	0.05	0.05	0.05
22	Lead	mg/1 Pb	0.05	0.05	0.05
23	Selenium	mg/1 Se	0.01	0.01	0.01
24	Mercury	mg/1 Hg	0.001	0.001	0.001
25	Barium	mg/1 Ba	0.1	1	1
26	Cyanide	mg/1 Cn	0.05	0.05	0.05
27	Sulphates	mg/1 SO ⁴	250	250	250
31	Phenols (phenol index) paranitraniline 4 aminoantipyrine	mg/1 C ⁶ H ⁵ OH	0.001	0.005	0.1
32	Dissolved or emulsified hydrocarbons (after extraction by petroleum ether)	mg/1	0.05	0.2	1
33	Polycyclic aromatic hydrocarbons	mg/1	0.0002	0.0002	0.001
34	Total pesticides (parathion, BHC, dieldrin)	mg/1	0.001	0.0025	0.005
39	Ammonia	mg/1 NH ⁴		1.5	4

Note

(1) The value is an upper limit set in relation to the mean annual temperature (high and low).

EXPLANATORY NOTE

(This note is not part of the Regulations)

These Regulations prescribe the system of classifying the quality of inland waters (as defined in section 30A(5)(b) of the Control of Pollution Act 1974) according to their suitability for abstraction by water authorities for supply (after treatment) as drinking water.

The classifications DW1, DW2 and DW3 reflect the mandatory values assigned by Annex II to Council Directive 75/440/EEC, (OJ No.L 194, 25.7.75, p.26) (concerning the quality required of surface water intended for the abstraction of drinking water) to the parameters listed in the Schedule to the Regulations.

The classifications are relevant for the purposes of setting water quality objectives for rivers, lochs and other inland waters under section 30C of the Act and for ascertaining the treatment to which the water is to be subjected before it is supplied for public use, in accordance with Part VI of the Water Supply (Water Quality) (Scotland) Regulations 1990 (S.I. 1990/119).