

## SCHEDULE 1

regulations 3(1) and 4(4)

**Criteria for Classification DS1**

The criteria for the classification DS1 are that the annual mean concentration of each substance listed in column (1) of Table 1 in samples taken from the sampling point for the waters in question in accordance with regulation 4 does not exceed the relevant limit specified in column (2) of that Table.

**TABLE 1**

(1) <i>Substance</i>	(2) <i>Concentration in microgrammes per litre (annual mean)</i>	(3) <i>Reference method of measurement</i>
Aldrin	0.01	Gas chromatography with electron capture detection after extraction by means of an appropriate solvent with a limit of determination of 2.5 ng/l <sup>(1)</sup> .
Dieldrin	0.01	
Endrin	0.005	
Isodrin	0.005	
Cadmium and its compounds	5 (total cadmium: both soluble and insoluble forms)	Atomic absorption spectrophotometry after preservation and suitable treatment of the sample. The limit of determination is .25 µg/litre <sup>(2)</sup> .
Carbon tetrachloride	12	Gas chromatography. The limit of determination is 0.1 µg/litre <sup>(1)</sup> .
Chloroform	12	Gas chromatography. The limit of determination is 0.1 µg/litre <sup>(1)</sup> .
DDT (all isomers)	0.025	Gas chromatography with electron capture detection after extraction by means of a suitable solvent. The limit of determination for total DDT is approximately 4 ng/l, depending on the number of
(1)	The accuracy and precision of the method must be plus or minus 50% at a concentration which represents twice the value of the limit of determination.	
(2)	The accuracy and precision of the method must be plus or minus 30%.	

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(1) <i>Substance</i>	(2) <i>Concentration in microgrammes per litre (annual mean)</i>	(3) <i>Reference method of measurement</i>
para-para-DDT	0.01	extraneous substances present in the sample <sup>(1)</sup> . Gas chromatography with electron capture detection after extraction by means of a suitable solvent. The limit of determination for total DDT is approximately 4 ng/l, depending on the number of extraneous substances present in the sample <sup>(1)</sup> .
Hexachlorobenzene	0.03	Gas chromatography with electron capture after extraction by means of an appropriate solvent. The limit of determination shall be within the range 1 to 10 ng/l depending on the number of extraneous substances present in the sample <sup>(1)</sup> .
Hexachlorobutadiene	0.1	Gas chromatography with electron capture detection after extraction by means of an appropriate solvent. The limit of determination shall be within the range 1 to 10 ng/l, depending on the number of extraneous substances present in the sample <sup>(1)</sup> .
Hexachlorocyclohexane (all isomers)	0.1	Gas chromatography with electron capture detection after extraction by means of an appropriate solvent. The limit of determination shall be within the range 1 to 10 ng/l depending on the number of
<p>(1) The accuracy and precision of the method must be plus or minus 50% at a concentration which represents twice the value of the limit of determination.</p> <p>(2) The accuracy and precision of the method must be plus or minus 30%.</p>		

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(1) <i>Substance</i>	(2) <i>Concentration in microgrammes per litre (annual mean)</i>	(3) <i>Reference method of measurement</i>
Mercury and its compounds	1 (total mercury: both soluble and insoluble forms)	extraneous substances present in the sample <sup>(1)</sup> . Flameless atomic absorption spectrophotometry after suitable pre-treatment of the sample which takes account in particular of pre-oxidation of the mercury and of successive reduction of the mercury ions Hg(II). The limit of detection must be 0.1 µg/litre <sup>(2)</sup> .
Pentachlorophenol and its compounds	2	High pressure liquid chromatography or gas chromatography with electron capture detection after extraction by means of a suitable solvent. The limit of determination is 0.1 µg/litre <sup>(1)</sup> .
<p>(1) The accuracy and precision of the method must be plus or minus 50% at a concentration which represents twice the value of the limit of determination.</p> <p>(2) The accuracy and precision of the method must be plus or minus 30%.</p>		