

Private Water Supplies Regulations 2009

PROSEP
FILTER SYSTEMS

The new private water supplies regulations came into force on 1 January 2010. These regulations say the water must be wholesome to drink—defined by a list of bacterial and chemical parameters—see below. The allowed concentration of sodium has gone up from 150 mg/l to 200 mg/l, there is no mention of softened water, arsenic concentrations have gone down from 50 ug/l to 10 ug/l and allowable lead concentrations have also been reduced. There are extra parameters for supplies over 10 m3/day.

Parameter	Max Concentration		
Escherichia coli (E.coli)	0	Per 100 ml	
Enterococci	0	Per 100 ml	
Acrylamide	0.1	Ug/l	
Antimony	5	Ug/l	
Arsenic	10	Ug/l	Down from 50 ug/l
Benzene	1	Ug/l	
Benzo(a)pyrene	0.01	Ug/l	
Boron	1	Mg/l	
Bromate	10	Ug/l	
Cadmium	5	Ug/l	
Chromium	50	Ug/l	
Copper	2	Mg/l	
Cyanide	50	Ug/l	
1,2 dichloroethane	3	Ug/l	
Epichlorohydrin	0.1	Ug/l	
Fluoride	1.5	Mg/l	
Lead	25	Ug/l	Until Dec 2013, then 10 ug/l
Mercury	1	Ug/l	
Nickel	20	Ug/l	
Nitrate	50	Mg/l	
Nitrite	0.5	Mg/l	
Pesticides		Ug/l	
Aldrin	0.03	Ug/l	
Dieldrin	0.03	Ug/l	
Heptachlor	0.03	Ug/l	
Heptachlor epoxide	0.03	Ug/l	
Other pesticides	0.1	Ug/l	
PAH	0.1	Ug/l	
Selenium	10	Ug/l	
Tetra & Trichloroethane	10	Ug/l	
THM	100	Ug/l	
Vinyl chloride	0.5	Ug/l	
National Requirements			
Aluminium	200	Ug/l	
Colour	20	Mg/l Pt/Co	
Iron	200	Ug/l	
Manganese	50	Ug/l	
Odour	Notable to customers	, no abnormal change	
Sodium	200	Mg/l	Up from 150 mg/l
Taste	Notable to customers	, no abnormal change	
Trichloromethane	3	Ug/l	
Turbidity	4	NTU	
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for all your filter requirements