

2 Water Quality Regulations & Monitoring programme

On the 1st January 2004 the Water (Jersey) Law 1972 was amended to include regulations on water quality. The amendment to the law sets out the Maximum Allowable Concentrations (MAC) for physical, bacteriological and chemical in the treated water supplied by the Jersey Water. The law also requires the water quality monitoring programme to be approved by the Environment & Public Services Committee (E&PSC), who are responsible for administering the law.

The water quality regulations and MACs included in the law are in-line with the Water Supply (Water Quality) Regulations 2000 for England & Wales which also follow European directives on drinking water quality.

Jersey Water has to submit its proposed treated water quality monitoring programme to the E&PSC by July the year before and accordingly the programme for 2004 was approved by the E&PSC in 2003.

The monitoring programme adopted by Jersey Water follows the principles set out in the Water Supply (Water Quality) Regulations 2000 for England & Wales, which is based on the total population served. For simplicity Jersey Water uses a total population figure of 100,000 to determine the monitoring programme.

There is no legislation regarding the quality of water resources, however, Jersey Water follows the European Directive (75/440/EEC) which sets standards on the quality of surface water to be used for drinking water for the type of water treatment process used.

For the purposes of water quality monitoring, the treatment works are defined as supply points.

The water quality monitoring regulations requires two types of monitoring - check and audit monitoring. The check monitoring is done on a more frequent basis to ensure that the treatment works and the water in distribution is suitable for supply, whereas the audit monitoring is used to investigate the quality of the water more thoroughly.

The results of the check monitoring of treated water leaving the treatment works, their respective Maximum Allowable concentrations and compliance levels are shown in the Tables A - H. The results of the audit monitoring programme can be found in the appendices (Appendix A - E).