

# 1 Executive Summary

During 2005 Jersey Water supplied 7,291 million litres of drinking water to its customers and I am pleased to report that 99.84 % of the regulatory analyses of water carried out during the year complied with the maximum allowable concentrations set out in the Water (Jersey) Law 1972.

The following tables show the results of the treated water quality monitoring programme. The tables show the minimum, mean and maximum concentrations of physical, bacteriological and chemical quality parameters, together with the respective Maximum Allowable Concentration (MAC) and the percentage compliance with the MAC.

In order to ensure that the water quality results are representative of the water we supplied during the year, a monitoring programme is adopted which ensures an optimum frequency of sampling is applied. The monitoring programme is based on the Water Supply (Water Quality) Regulations 2000 for England & Wales. The Water (Jersey) Law 1972 requires the proposed annual monitoring programme to be approved by the Planning & Environment department.

I am also pleased to report that 92% of the drinking water samples for nitrates during the year were below the 50 mg/l limit. The maximum level of nitrate detected was 54 mg/l. The level of nitrates in streams regularly exceeds the 50 mg/l limit between the months of March and May, the concentration being dependant on the volume of rainfall in these months and more importantly the intensity of the rainfall. Since Jersey Water has no controls over the levels of nitrates in water resources, a dispensation under the law has been granted, which allows 33% of our samples to be above the 50 mg/l level, but not greater than 70 mg/l.

**“I am pleased to report that the quality of water we supply is of a very high standard and is comparable to water supplied by water companies in the United Kingdom, which are recognised to have the highest quality standards in the world.”**

Jersey Water and our consultants carried out 18,388 analyses of the treated water supplied for compliance purposes and in addition to this, a comprehensive monitoring programme is in place for sampling and analysing the quality of water resources and water stored in our reservoir storage system. This programme, together with on-line monitoring systems, allows our operating staff to select the most suitable water to be taken for treatment and distribution to our customers.

From the information contained in this report I am pleased to report that the quality of water we supply is of a very high standard and is comparable to water supplied by water companies in the United Kingdom, which are recognised to have the highest quality standards in the world.

**Howard N Snowden**  
Managing Director & Engineer