

### 3 Raw Water Quality

Most of the water we supply is derived from surface water resources, with streams feeding directly into, or, where outside the natural catchment areas, pumped into our six large storage reservoirs. Some minor volumes of ground water are abstracted from the sand aquifer, which lies at the southern end of St Ouen's Bay.

Jersey Water uses the EU Directive for standards of surface water to be used for drinking water production. This Directive sets out the maximum allowable concentrations for a number of important quality parameters which must be complied with for the specific treatment process.

To gather further information on raw water quality throughout our resources Jersey Water also takes samples of water from streams throughout the Island. This provides useful information and data for comparison, and highlights any pollution or changes in land use that may occur in the particular catchment area.

During 2007, 4,942 analyses for herbicides and pesticides in the stream courses were undertaken and 37 were above the 0.1 ug/l (drinking water) limit, compared to 19 in 2006.



Collecting raw water samples