

Materials management data – materials usage

Chemical Usage – Drinking Water Treatment & Sewage Treatment

Whilst there is an underlying upward trend in chemical usage, ongoing work is being carried out to improve efficiency.

Functional purpose	2003/04 (tonnes)	2004/05 (tonnes)	2005/06 (tonnes)	2006/07 (tonnes)	2007/08 (tonnes)
Disinfection	4,261	3,908	20,661*	25,062	22,470
Water Treatment Flocculation	23,690	26,207	29,174	30,767	32,433
Sewage Treatment Nutrient Removal	25,228	21,112	18,214	11,269	15,981
Sewage Treatment Process Improvement	4,452	4,357	9,696	9,168	12,475
Sewage Sludge Thickening and Dewatering	2,179	2,462	2,133	2,015	2,057
Total**	59,810	58,046	79,880	78,281	85,416

* New calculation method which includes a wider selection of chemicals than recorded in previous years

** Total = Total chemicals used for sewage treatment + total chemicals used for water supply