

Inset Appointment

An inset appointment allows a water company to supply water to customers in a specified geographical area outside its normal area of supply.

There have been a limited number of appointments made to date and most have been between the existing water companies. Reference is made to these in the relevant company sections.

26 Albion Water Limited

Overall Water Quality supplied by Albion Water Limited in 2002

- A total of 474 tests were carried out on samples taken by Albion Water Limited in 2002.
- Of these tests, 100.00% complied with the Regulations.

Company Information

Amount of Water Supplied:	0.083 MI/d
Consumers Supplied:	300
Areas of Supply:	Shotton Zone
Water Composition:	100% from rivers and reservoirs Operated by Dŵr Cymru Cyfyngedig
Treatment Works:	N/A
Service Reservoirs:	N/A
Km of Mains:	N/A
Water Supply Zones:	1

Water Quality at Treatment Works, in Service Reservoirs and in Water Supply Zones

To be wholesome, water must comply with the standards for the parameters set out in the Water Supply (Water Quality) Regulations 1989. In 2002, the Company carried out a total of 474 tests on samples taken in its water supply zone and of these, 100.00% complied with the relevant water quality standards set down in the Regulations. A list of the parameters, the relevant standards and their significance can be found at the beginning of this section.

Water Quality leaving Treatment works

The Company has no treatment works.

Water Quality in Service reservoirs

The Company has no service reservoirs.

Water Quality in Water Supply Zones

The table below shows the data for the key parameters. All parameters were fully compliant during 2002.

Parameter	Total number of tests	Tests not meeting the prescribed concentration or value		Number of failures covered by Undertakings	Number of zones not complying with the standards		
		No	%		2002	2001	2000
Coliforms	12	0	0.0	0	0	0	0
Faecal coliforms	12	0	0.0	0	0	0	0
Colour	4	0	0.0	0	0	0	0
Turbidity	4	0	0.0	0	0	0	0
Odour	4	0	0.0	0	0	0	0
Taste	4	0	0.0	0	0	0	0
Hydrogen ion	4	0	0.0	0	0	0	0
Nitrate	4	0	0.0	0	0	0	0
Nitrite	4	0	0.0	0	0	0	0
Aluminium	4	0	0.0	0	0	0	0
Iron	4	0	0.0	0	0	0	0
Manganese	4	0	0.0	0	0	0	0
Lead	4	0	0.0	0	0	0	0
PAH	4	0	0.0	0	0	0	0
Trihalomethanes	4	0	0.0	0	0	0	0
Total pesticides	4	0	0.0	0	0	0	0
Other pesticides	323	0	0.0	0	0	0	0
Temperature	12	0	0.0	0	0	1	1
All others	59	0	0.0	0	0	0	0
TOTAL	474	0	0.00%	0			

1 zone in 2000, 2001 and 2002

The New Regulations

In 2002, the Company carried out monitoring for the six new parametric values set down in the new Water Supply (Water Quality) Regulations 2001*. These Regulations come into force on 25 December 2003. The results are shown in the table below.

Parameter	Total number of tests	New standard	Tests not meeting the new standard
Benzene	3	1.0 µg/l	0
Bromate	3	10.0 µg/l	0
1,2 dichloroethane	3	3.0 µg/l	0
Nitrite (ex-water treatment works)	Not applicable	0.1 mg/l	Not applicable
<i>Clostridium perfringens</i>	3	0/100 ml	0
Enterococci	3	0/100 ml	0

* Water Supply (Water Quality) Regulations 2000 in England

Compliance data for 2002 has also been analysed against the revised standards and the results are shown in the following table.

Parameter	Total number of tests	Current Standard	Number of tests not meeting current standard	Revised Standard	Number of tests not meeting revised standard
Antimony	1	10.0 µg/l	0	5.0 µg/l	0
Arsenic	1	50.0 µg/l	0	10.0 µg/l	0
Boron	1	2.0 mg/l	0	1.0 mg/l	0
Copper	4	3.0 mg/l	0	2.0 mg/l	0
Lead	4	50.0 µg/l	0	25.0 µg/l ¹ 10.0 µg/l ²	0 0
Nickel	1	50.0 µg/l	0	20.0 µg/l	0
Nitrite (at consumers taps)	4	0.1 mg/l	0	0.5 mg/l	0
PAH	4	0.2 µg/l	0	0.1 µg/l	0
Tetrachloroethene	4	30.0 µg/l	0	} 10.0 µg/l	0
Trichloroethene	4	10.0 µg/l	0		

Details of the new and revised standards, and the reasons for the revisions where applicable, can be found in chapter J “New Regulations and Associated Programmes of Work”.

1 From 25.12.03

2 From 25.12.13

Company Audit and Inspection

The Company was inspected or audited by the Inspectorate on a number of occasions during 2002. Where relevant, report summaries are available in the ‘Business and Technical’ section of the Inspectorate’s web site under ‘Audit and Inspection’.

Audit or Inspection	Date
Audit trails of three test results	December 2002
Audit of sampling arrangements	December 2002

A number of recommendations were made in respect of action required to avoid the risk of a breach of a regulatory duty. These recommendations were in relation to the audit trails and sampling arrangements.

Incidents

No events were notified during 2002 by the Company as incidents.

Enforcement Action

No enforcement action was considered for the Company as a result of the Inspectorate activities during 2002.

Undertakings and other Improvement Programmes

The Company has no undertakings or other remedial programmes in place.