

SOUTH-WEST CHEMICAL SERVICES

Specialising in water, soil analysis, bacteriological testing, chemical,
Environmental & Consultancy Services

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LABORATORY REPORT

Name: **QUANTUM FILTRATION**
Address: 10, Northwood Street, West Leederville, WA 6007
Tel No: 97214044 / 93806899 Fax: 97214046
Lab No: 1445
Date Received: 13th May 2003
Sample Source: South West Health Campus – North Bore water
Iron Manganese Sand Media Trial (12th May 03)
Sample Use: Water Filtration

CERTIFICATE OF ANALYSIS

ANALYSIS	North Bore	Treated Water	COMMENTS	Australian Drinking Water Guidelines (1996)
Total Iron (mg/L)	11.8	0.036	Iron stains above 0.1 mg/L	0.3 ppm is regarded as acceptable. High concentrations cause staining on brickwork, blockages in pipes & drip feeders, corrosion problems in bores. It also reduces the efficiency in hot water systems & radiators etc
Manganese (mg/L)	0.49	0.008	Manganese will stain above 0.1 mg/L	< 0.1 ppm is regarded as acceptable. High concentrations cause staining on brickwork, drip feeders, plumbing fixtures, in the laundry, etc

Analyst: Peter Hutchison
Consultant Analytical Chemist.
BSc (Chemistry)

Date Reported: 13th May 2003

