

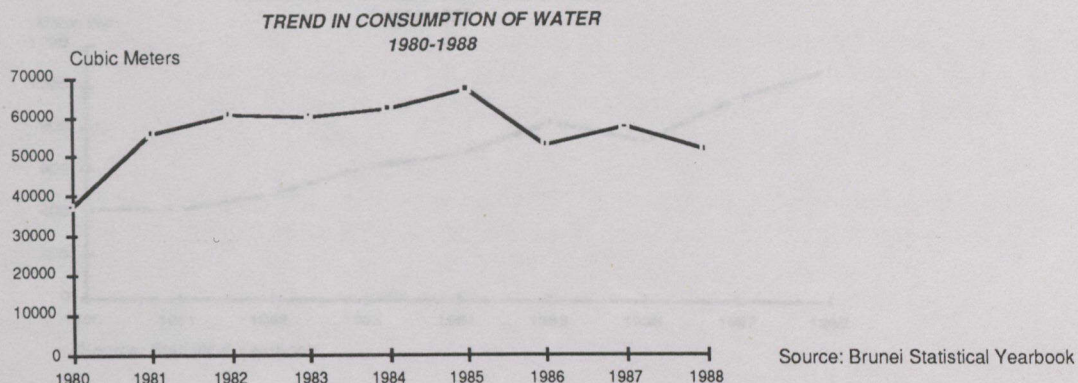
**BACKGROUND ...**

**CURRENT SITUATION ...**

**Demand for Reservoir and Equipment for Water Distribution**

Brunei has the highest per capita water consumption in Southeast Asia. The average Bruneian consumes approximately 450 litres of water per day.

Between 1980 and 1988, water consumption grew by 37% from 37,000 cubic meters (cm) to 50,000 cm.



The capacity of the 5 water treatment plants is as follows: Sumbiling (Temburong) 1.2 million gallon/day (mgd), Tasek (Bandar Seri Begawan) 2.5 mgd, Layong (Tutong) 24 mgd, Seria (Kuala Belait) 8 mgd, Labi (Kuala Belait) 0.3 mgd.

**PER CAPITA WATER CONSUMPTION**

	<b>1979-85 Litres/day</b>	<b>1985-95 Litres/day</b>	<b>1996-2005 Litres/day</b>
<b>Urban</b>	<b>432</b>	<b>455</b>	<b>478</b>
<b>Rural</b>	<b>364</b>	<b>387</b>	<b>410</b>

Source : Ministry of Development

Water rationing, initiated in July 1986, has decreased water consumption by nearly 3%. The water supply to the Brunei-Muara area is restricted from 10 pm to 5 am to allow reservoirs to replenish overnight. Rationing is expected to continue for the next 3 years. Demand, however, is expected to increase with the population set to hit 390,000 by the year 2005 and government programs to develop small and medium sized enterprises.

To facilitate water demand, work is in progress on Stage 4 (of 6 stages) of the Sungai Tutong Project (B\$250 million) and will be completed by year-end 1990. Stage 4 consists of building one treatment plant of capacity of 111 (MI/d) at Bukit Barun, 46 kilometres of transmission pipeline to channel water to 7 reservoirs, a major distribution pipeline, 9 storage reservoirs, two terminal reservoirs, and a new earthfilled dam at Sungai Benutan.

Other projects have included :

- the Belait district Stage 2 scheme to expand the existing treatment works, constructing of a barrage and 11 kilometers of raw water pipeline
- the Temburong district scheme to expand treatment plant capacity to 6 (MI/d)
- the Benutan Project to construct a dam, a tunnel and a reservoir which will hold 44.1 million cu. metres of water.