

## BHOPAL WATER SUPPLY

Population: 1,437,000 <sup>1</sup>

### Production/Distribution

Average Daily Production	258,000 m <sup>3</sup>
Groundwater	7%
Surface Water	93%
Treatment Type <sup>2</sup>	Conventional
Storage	94,000 m <sup>3</sup>
Service Area <sup>3</sup>	286 sq km
Distribution length	968 km

### Service Connections

House (10 persons/HC)	95,666
Public Tap (100 persons/PT)	4,618
Commercial	1,284
Industrial	130
Institutional	3,310
Bulk	4
Other	Nil
<b>Total</b>	<b>105,012</b>

### Service Indicators

Service Coverage <sup>4</sup>	83.4%
Water Availability <sup>5</sup>	1 to 2 hours/day
Per Capita Consumption	72 l/c/d
Average Tariff	Rs0.60/m <sup>3</sup>

### Efficiency Indicators

Unaccounted Water <sup>6</sup>	no data
Unit Production Cost	Rs3.00/m <sup>3</sup>
Operating Ratio	2.82
Accounts Receivable	3.6 months
Staff/1,000 Connections	20.7

#### Notes:

- <sup>1</sup> The population is for the present area served by the utility.
- <sup>2</sup> About 95% of 50 samples taken passed the residual chlorine test.
- <sup>3</sup> This is also the total area of responsibility.
- <sup>4</sup> This is the percentage of population served by house connections and public taps. About 13% of the population are served by tube wells and tankers from the utility. The urban poor comprise 23% of the population.
- <sup>5</sup> There were an estimated 1,460 consumer complaints were registered in 2005-06.
- <sup>6</sup> Both production and connections are not metered. UFW can not be computed reliably. An estimated 12,550 leaks were repaired during the year.
- <sup>7</sup> Commercial and industrial include institutional use and billing.
- <sup>8</sup> Other cost includes transport and chemicals.

Data as of 2005-2006.

