

## AHMEDABAD WATER SUPPLY

Population: 4,491,000 <sup>1</sup>

### Production/Distribution

|                             |                        |
|-----------------------------|------------------------|
| Average Daily Production    | 623,836 m <sup>3</sup> |
| Groundwater                 | 7%                     |
| Surface Water               | 93%                    |
| Treatment Type <sup>2</sup> | Conventional           |
| Storage                     | 650,000 m <sup>3</sup> |
| Service Area <sup>3</sup>   | 172 sq km              |
| Distribution length         | 2,747 km               |

### Service Connections

|                            |                |
|----------------------------|----------------|
| House (5 persons/HC)       | 546,734        |
| Public Tap (-- persons/PT) | Nil            |
| Commercial                 | 10,000         |
| Industrial                 | Nil            |
| Institutional              | Nil            |
| Bulk                       | Nil            |
| Other                      | Nil            |
| <b>Total</b>               | <b>556,734</b> |

### Service Indicators

|                                 |                       |
|---------------------------------|-----------------------|
| Service Coverage <sup>4</sup>   | 74.5%                 |
| Water Availability <sup>5</sup> | 2 hours/day           |
| Per Capita Consumption          | 171 l/c/d             |
| Average Tariff                  | Rs1.39/m <sup>3</sup> |

### Efficiency Indicators

|                                |                       |
|--------------------------------|-----------------------|
| Unaccounted Water <sup>6</sup> | no data               |
| Unit Production Cost           | Rs1.34/m <sup>3</sup> |
| Operating Ratio                | 0.96                  |
| Accounts Receivable            | 8.0 months            |
| Staff/1,000 Connections        | 2.2                   |

**Notes:**

- <sup>1</sup> The population is for the present area served by the utility.
- <sup>2</sup> Residual chlorine test samples are claimed to be taken daily and mostly all pass the test.
- <sup>3</sup> The total area of responsibility is 449 sq km.
- <sup>4</sup> This is the percentage of population served by house connections and public taps. Those not served by the utility use tube wells. The urban poor comprise 35% of the population.
- <sup>5</sup> About 30,000 consumer complaints were registered in 2005-06.
- <sup>6</sup> Production is not metered. Only 3% of connections are metered but meters are being phased out. Realistic UFW estimate can not be determined with figures given. There were about 20,000 to 25,000 pipe breaks and leaks repaired during the year.
- <sup>7</sup> This is the breakdown of consumption only.

Data as of 2005-2006.

