

5. PREFACE

Villages that received water from the Aпти Dam have recently experienced water shortages. The dam's age has resulted in a buildup of silt at its heel, which has reduced its capacity to store water. Due to the same, industrial regions are also impacted.

In Thane District, both the population has been rising steadily over the past few years. The demand for water has increased as a result.



Figure 1: Aпти Dam

This water is being supplied to 6 different industrial sectors for domestic usage like:

- Ambarnath Belapur (MIDC) area
- Kalyan Dombivali Municipal Corporation
- Navi Mumbai Municipal Corporation
- Mira Bhayander Municipal Corporation
- Taloja Industrial Area
- Trans Thane Creek Industrial Area

But due to insufficient capacity of storage of water in the Aпти Dam, the water, Ulhas River over flows and meets the Thane Creek and mixes with Arabian Sea which is leading to water shortage of different regions like Badlapur, Kalyan, and other regions also.