

5.12 Rural Infrastructure Development Fund



Clean Water, Stronger Communities: Revitalising Rural Areas

Name of the Project: Budhel to Borda Bulk Pipeline for Drinking Water Supply

Implementing Department: Narmada Water Resources Water Supply & Kalpsar Department

Tranche: XXVI

Total Financial Outlay: ₹3.76 billion

RIDF Loan: ₹2.96 billion

Year of Sanction: FY 2020-21

Year of Completion: FY 2023-24

Location of the Project: Bhavnagar, Amreli and Gir Somnath Districts, Gujarat



population, particularly during dry seasons or droughts. It has ensured household supply @ 100 litre per capita per day (LPCD) to rural population of 4.3 million covering 612 villages in Bhavnagar, Amreli and Gir Somnath district. Including, population of 1.55 million from urban area also benefited indirectly.

- Economic Development:** Adequate water supply is crucial for economic growth and development. The project supports agricultural activities, industries, and tourism in the region.
- Public Health:** Access to clean drinking water is essential for public health. The project improves the overall health and well-being of the population by reducing waterborne diseases.
- Rural Development:** The project directly benefits rural areas by providing a reliable water supply, improving living standards, and fostering rural development.
- Women Empowerment:** Improved access to potable water has significantly empowered women, allowing them to allocate more time and energy to productive activities.

Challenges Addressed

The primary challenge faced by the region was the inadequate water supply to meet the increasing demands of the growing population, especially in the drought-prone Saurashtra region. The existing pipeline capacity was insufficient to cater to the needs of Bhavnagar, Amreli, and Gir Somnath districts.

Strategies

To address these challenges, the project proposed augmenting the existing network by laying parallel pipelines between Budhel Pumping Station and Borda junction. This expansion would significantly increase the water supply capacity, ensuring adequate water availability for both rural and urban areas. It may cater to the future demand from 612 villages of Bhavnagar, Amreli and Gir Somnath districts.

Impact

- Improved Water Security:** The augmented water supply ensures enhanced water security for the

Sr. No.	Impact Parameters	Numbers
1	Rural Population benefited	4.3 million
2	Villages	612
3	Towns	20
4	Non-recurring employment generation	7.00 million-man days

