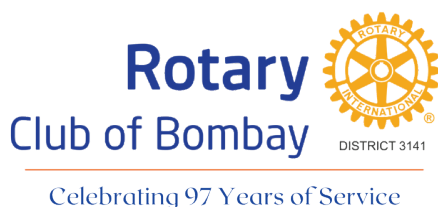


PROJECT COMPLETION REPORT

REVIVAL OF NATURAL SPRING WATER SOURCE –
WARELI VILLAGE

PROJECT BY: ROTARY CLUB OF BOMBAY

IMPLEMENTATION PARTNERS: DIGANTA SWARAJ FOUNDATION



Introduction

About Village

Water scarcity in rural areas continues to be a major challenge due to irregular rainfall, depletion of groundwater, and lack of sustainable water management systems. To address this issue, the Revival of Natural Spring Water Source Project was undertaken in Wareli village.

The project aimed to restore a natural spring and establish a reliable, gravity-based water supply system to ensure year-round access to drinking and irrigation water for the village community.



Village Profile

Particulars	Details
Village Name:	Wareli
Gram Panchayat:	Katalwadi
Taluka:	Chiplun
District:	Ratnagiri
Total Population:	Approx. 1,200

Project Components

- Spring source cleaning and restoration
- Construction of protective cordon structure
- Installation of gravity-based pipeline system (approx. 3 km)
- Construction of village-level storage hauds (water tanks)
- Distribution system for drinking and irrigation purposes



Project Objective

- Revival and protection of natural spring water source
- Provision of safe drinking water to the village
- Support irrigation for agriculture and horticulture
- Development of sustainable water infrastructure

Completion Status (As on 30th March 2026)

This report shows that all planned activities have been successfully completed, and the system is fully functional.



Major Achievements

- Cordon construction at spring source completed
- Entire pipeline network installed from source to village
- Water supply system successfully operational
- Storage and distribution infrastructure completed
- Final finishing and painting works completed

Summary of Completed Activities

Sr. No.	Activity	Status
1	Cordon (Protective Structure) Construction	Completed
2	Construction of 5 Hauds (Storage Tanks) in Village	Completed
3	Pipeline Installation (Cordon to Village – ~3 km)	Completed
4	Water Supply System for Drinking & Irrigation	Completed
5	Painting and Finishing of Cordon & Hauds	Completed

Water Supply System Details

Particulars

Pipeline Length
Pipeline Diameter
System Type
Storage System
Usage

Specifications

Approx. 3 km
2.5 inch to 2 inch
Gravity-based
5 Village Hauds
Drinking + Irrigation

Impact and Outcomes



● Water Security

- Year-round availability of clean drinking water
- Reduced dependency on tanker water



● Agricultural Benefits

- Reliable irrigation support for cashew plantations and paddy cultivation
- Increased agricultural productivity
- Improved farmer income



● Social Impact

- Reduced burden on women and children for water collection
- Improved health and hygiene conditions
- Strengthened community participation



● Environmental Impact

- Revival of natural water source
- Improved groundwater recharge
- Sustainable water management system

Expense Details

Sr. No.	Activity Description	Units	Unit Cost (INR)	Total Cost (INR)
1	Water Storage Tanks (30ft × 5ft × 3ft with 2 outlets)	2	5,90,000	11,80,000
2	Main Pipeline HDPE (PE100) 6KG, 75mm	2,500 m	200	5,00,000
3	Sub-Main Pipeline ISI 6KG Agri Pipe, 63mm	1,500 m	250	1,02,500
4	Plumbing Materials & Outlet Systems	15 points	6,000	90,000
5	Haud (Community Storage Tanks)	6 units	75,000	4,50,000
Subtotal (Direct Costs)				23,22,500
Administrative Costs @ 7.5%				1,74,188
GRAND TOTAL				24,96,688

Project Cost: Rs. 24.96 Lacs

Sustainability & Maintenance

- Maintenance responsibility handed over to Gram Panchayat / Village Water Committee
- Regular inspection of pipelines and structures
- Periodic cleaning of spring source
- Community-led monitoring system established

Conclusion

The Wareli Natural Spring Revival Project has been successfully completed on 30th March 2026, achieving all its intended objectives.

This project stands as a model for sustainable rural water management, ensuring long-term water security, improved livelihoods, and environmental conservation.

The collaboration between the community, implementing organization, and supporting agency has resulted in a high-impact and sustainable development initiative.



Thank You!

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