

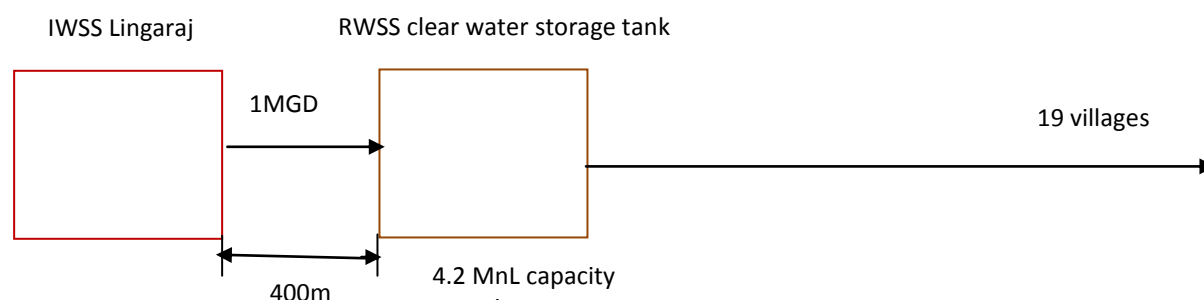
## Piped water Supply to 19 villages of Talcher Coalfields

- 19-villages PWS
- Rs 22 Crore
- Completed project
- Operational since 2013

Water is at the centrality of the human life. Having said this, providing clean water to the growing population has always been a challenge for the Government, and the local civic bodies. Another challenge is to convert the ‘access’ into ‘availability’. This is where the concept of piped water supply to individual villages assumes greater importance.

MCL has taken the challenge in its stride. The Company is investing 96.6 Crore in the PWS projects covering 100 villages. The ‘19-villages PWS’ is the first in the series of various deposit based PWS schemes approved by MCL to address the water woes of peripheral settlements.

The Scheme was approved by MCL Board in 2004 for Rs. 22.23 Crore. A tripartite Agreement was signed in 2006. The parties to the Agreement were Hon’ble Governor of Odisha (represented by Chief Engineer, RWSS Bhubaneswar), District Water & Sanitation Mission (represented by District Collector), and MCL (represented by GM Civil). MCL deposited the fund in instalments to Collector Angul. RWSS was the executing agency. The water was sourced from IWSS operational at MCL Lingaraj Area. So, the water treatment/ purification of highest order was ensured by MCL before supplying to the RWSS end.



• Consumption Matrix:

Part	Villages	Per capita	UGR/OHT at	Population			Total designed
				2004	Current (2019)	Designed for 2024	
Part 1	Rodhasar, Ghantapada, Chalagarh, Dera	100L	Ghantapada	16000	22800	23000	23 Lakh liters
Part 2	Sub-part 1: Gobra & adjacent villages	100L	Chattai Hutting with OHT at balanda	14000	16700	19000	19 Lakh liters
	Sub-part 2: Villages adjacent to FCI						
Total				30000	39500	42000	42 Lakh liters

- It can be seen that the scheme is designed for feeding 1MGD water which amounts to 4.54MLD= 45 Lakh liters of water per day. Taking designed population of 42000 by year 2024, the capacity is adequately assessed @ 100 LPCD.
- The scheme did not entail connection in individual households. Instead, 281 stand posts were provided. Presently RWSS has further added the numbers and presently there are around 500 stand posts.
- Post approval by MCL Board in 2004, the scheme was administratively approved by Chief Engineer RWSS BBSR in 2006.
- Villages covered: Rodhasar, Ghantapada, Chalagarh, Dera, Tentuloi, Housing Board Colony, Mundabasti, Gobara, Gobara Nua Sahi, Kharadapalli, Dhipasahi, Meena bazaar, Gurudwar, Ekgharia, Badajorada, Badasinghida, Sanasinghida, Danara, Natidi.
- The entire PWS project was covered in 3 schemes as under:
  - a) 17 peripheral villages around MCL
  - b) Danara village around MCL
  - c) Natidi village around MCL
- Total length of pipeline network is 67 km which includes mains and distribution network.
- Distribution was also covered in the scheme.
- The cost included one-time deposit of 20.28 lakhs towards maintenance.



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