



Colonel Avinash Singh
Commanding Officer

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430/BHQ/Sadb/Accts dt 20 Nov 2025



OP RAKSHAK (J&K)
(15 Jan 2023)

Cillage India Foundation
Navi Mumbai (MH)

TO WHOMSOEVER IT MAY CONCERN

Dear Sir,

1. This communication is issued with respect to 40 KLD wastewater treatment facility established in July 2025 at Zangli Military Station in Kupwara, Jammu and Kashmir, using technology developed by the Bhabha Atomic Research Centre (BARC). The project was completed by H2O Dynamics India Limited, Goa and noted for being completed on time, with the team praised for their discipline, cordiality, and professional workmanship. The Project details are as under: -

1.1. **Technology Provider.** The plant uses technology developed by the Bhabha Atomic Research Centre (BARC). BARC has developed innovative wastewater treatment methods, including systems that use hybrid granular sequencing batch reactors (hgSBR).

1.2. **Location.** The facility is at the Zangli Military Station in Kupwara, Jammu and Kashmir.

1.3. **Capacity.** The plant has a capacity of 40 KLD, which stands for 40,000 liters per day.

1.4. **Start Date.** The wastewater treatment facility began its operations on July 13, 2025.

1.5. **Implementation Team:** The team responsible for establishing the facility received commendation for their professional conduct and timely completion of the work.

1.6. This project highlights a successful collaboration between a private company, a government research institution (BARC), and the Indian Army for infrastructure development in a sensitive region. The use of BARC's technology is a key aspect, underscoring indigenous innovation in water treatment.

2. We wish all the best to the company for their future projects.

with warm regards

Yours sincerely