



महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

(महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण अधिनियम, २००५ चे कलम ३ अन्वये स्थापित वैधानिक प्राधिकरण)

Maharashtra Water Resources Regulatory Authority

(A Statutory Authority Established u/s 3 of Maharashtra Water Resources Regulatory Authority Act, 2005)

File No. MWRRA/2024/PRCL/KIDC/163/305

Date : 11/06/2025

To,

Executive Director,

Konkan Irrigation Development Corporation,

2nd floor, Sinchan Bhavan, Kopari Colony,

Bara Bungalow Area, Thane (East), 400 603.

Sub : Clearance of MWRRA under Section 11(f) of MWRRA Act, 2005 to Administrative Approval Proposal of Shilar Project, Taluka Karjat, District Raigad.

- Ref :** 1) Executive Director, KIDC, Thane's letter No. कोंपाविम /तां-४/ शिलार /३९२१/सन २०२४ dated 27/11/2024.
- 2) MWRRA's Even Letter No. 39 dated 16/01/2025
- 3) Executive Director, KIDC, Thane's letter No. कोंपाविम /तां-४/शिलार/१५४३/सन २०२५ dated 09/04/2025.
- 4) MWRRA's Even Letter No. 240 dated 14/05/2025
- 5) Water Resources Department's Government Resolution No. 2025/(72/2025)/WRI dated 30/05/2025.

1. Executive Director, Konkan Irrigation Development Corporation, Thane ("Project Proponent" for short) vide letter under Reference No. 1 had submitted the Administrative Approval (AA) proposal of Shilar Project, Taluka Karjat, District Raigad for the clearance of Maharashtra Water Resources Regulatory Authority ("MWRRA" for short) under Section 11(f)

of the MWRRA Act, 2005 ("Act" for short). On scrutiny of the proposal, the Authority sought some additional information vide letter under Reference No. 2 which was submitted by the Project Proponent vide letter under Reference No. 3.

2. Shilar Project is proposed as a Water Supply Project to supply water to Municipal Corporations in Mumbai Metropolitan Region Development Authority (MMRDA) area, as well as generates 3 MW of electricity and control floods. The project is proposed on the Shilar River in the Ulhas sub-basin of the West Flowing River Basin near Kikvi village in Karjat Taluka of Raigad District.
3. The proposal involves construction of a total of 3010 meters long dam with 108 meters long gated Ogee type spillway and five Kolhapur Type Weirs under the said project. Total Storage of the said project is 187.169 Million Cubic Meters (Mcum) of which Live Storage is 181.484 Mcum, Dead Storage is 5.685 Mcum. Annual Water Use of the said project is 181.484 Mcum, out of which 108.72 Mcum are proposed for domestic water use, 63.566 Mcum are proposed for industrial water use and 9.198 Mcum for evaporation. It is proposed to acquire 1155.20 hectares of private land and 345 hectares of forest land for the said project and 4 villages are being affected by the said project. The estimated cost of the said project as per the Schedule of Rates for Year 2022-23 is Rs. 4884.20 crores. Also, the said project is planned to be completed by the end of June 2029.
4. Following are the observations from the scrutiny of the AA proposal of a Shilar Project, Taluka Karjat, District Raigad under the provisions of Section 11(f) of the MWRRA Act, 2005 and the policy for clearance of the Water Resources Project is proposed;
 - a) The said Project is proposed on Shilar River in the Ulhas sub-basin of the West Flowing River Basin near Kikvi village in Karjat Taluka of Raigad District. Annual Water Use of the said project is 181.484 Mcum, out of which 108.72 Mcum are proposed for domestic water use, 63.566 Mcum are proposed for industrial water use and 9.198 Mcum for evaporation.
 - b) Integrated State Water Plan (ISWP), as revised by the State Water Council in June 2024, specified total annual water use is 245.46 Mcum

and Total Storage of 271.120 Mcum on Page No. 123 of Volume II B of ISWP which is as per the more than AA Proposal of said Project. Thus, the details of annual water use and total storage need to be revised as per AA proposal in the next review of ISWP.

- c) Chief Engineer (Hydrology & Dam Safety) Nashik vide Water Availability Certificate dated 31/07/2024, certified 187.07 Mcum water available at 75% dependability for the said project.
- d) As per the AA proposal, the cost of said Project is Rs. 4884.20 crore based on Schedule of Rates for Year 2022-23. However, as per the Water Resources Department's letter No. संकिर्ण-२०२४/प्र.क्र. १३१/२०२४/जसंअ dated 02/09/2024, there are no economic norms of Water Resources Department available for water supply project.
- e) The said Project does not require Environment Clearance at present as per Ministry of Environment & Forest (MoEF), New Delhi's notification dated 14/08/2018. The said Project requires diversion of 345 hectares of Forest Land. Therefore, MoEF's approval is required for diversion of the said forest land.
- f) Hon'ble Governor's directive for Year 2024-25 has not been issued. However, the Principal Secretary to the Hon'ble Governor, vide letter dated 06/07/2021, has directed that certain conditions should be fulfilled while clearing new projects by the MWRRA. However, as per the minutes of the meeting held on 03/04/2025 under the chairmanship of the Hon'ble Chief Secretary regarding the financial planning of the Shilar project, it was approved that MMRDA and concerned Municipal Corporation will share capital contribution amount as per the share of water consumption of Shilar Project. As the Water Resources Department funds will not be utilised for the said project, the Hon'ble Governor's directive does not apply to it.
- g) State Government, vide Government Resolution under Reference No. 5, accorded AA to the said Project. As per the said Resolution, it was decided that MMRDA (15.08%), Panvel Municipal Corporation (75.42%) and New Mumbai Municipal Corporation (9.50%) will share capital expenditure based on their water use. The Project Proponent will execute the work on deposit basis.

- h) The said project falls in the Ulhas sub-basin of the West Flowing River Basins and the Shilar River originates in the State of Maharashtra and merges with the Ulhas River and flows into the Arabian Sea. Also, there are no Tribunal formed / agreement has been signed with any other state for the water sharing of said basin / sub-basin.

In view of above, the said proposal appears to be consistent with the mandatory requirements provided under the provisions of Section 11(f) of the MWRRA Act, 2005 and the policy for clearance of the Water Resources Project.

Therefore, this Authority has directed me to convey you that in view of State Level Technical Advisory Committee's recommendation, the Clearance under Section 11(f) of the MWRRA Act, 2005 is hereby accorded to AA proposal of a Shilar Project, Taluka Karjat, District Raigad.

Hence this communication.

(By Order of the Authority)



M. Dharane

(Mallikarjun Dharane)
Secretary, MWRRRA

Copy to :

1. Additional Chief Secretary (WRP & D), Water Resources Department, Mantralaya, Madam Cama Road, Mumbai - 400 032
2. Principal Secretary to the Hon. Governor, Raj Bhavan, Malabar Hill, Mumbai - 400 035.
3. Chief Engineer, Water Resources Department Konkan Region, Hong-Kong Bank Building, 4th Floor, Hutatma Chowk, Mumbai - 400 023.
4. Superintending Engineer, North Konkan Irrigation Project Circle, Opposite Sahkar School, Old Mumbai - Pune Highway, Kalwa (Thane) - 400605.