

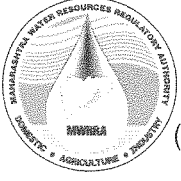


महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

(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)



स्वातंत्र्याचा अमृत महोत्सव

No. MWRRA/2023/PRCL/VIDC/143/449

Date : 15/09/2025

To,

Executive Director,

Vidarbha Irrigation Development Corporation,

Sinchan Seva Bhavan, Civil Lines,

Nagpur 440 001.

Sub: MWRRA Clearance under Section 11(f) of MWRRA Act, 2005 to Administrative Approval proposal of Kolar-Kanhan Barrage, Taluka Kamatee, District Nagpur.

- Ref :**
- 1) Executive Director, VIDC, Nagpur's letter No. ४५२०/विपाविम/कातां-५(१)/ कोलार कन्हान बॅरेज मजनिप्रा/२०२३ dated 10/07/2024
 - 2) Water Resources Department's letter No. संकिर्ण-२०२३/प्र.क्र. २७० (भाग-१)/ जसंअ dated 25/07/2024
 - 3) MWRRA's even Letter No. 451 dated 01/08/2024
 - 4) Executive Director, VIDC, Nagpur's letter No. ५३२९/विपाविम/कातां-५(१)/ कोलार कन्हान बॅरेज मजनिप्रा/२०२४ dated 09/08/2024
 - 5) MWRRA's even Letter No. 560 dated 30/09/2024
 - 6) Executive Director, VIDC, Nagpur's letter No. ०३/विपाविम/कातां-६(१)/(धाक्र ५८६/२०२४)/२०२४ dated 01/01/2025
 - 7) MWRRA's even Letter No. 128 dated 05/03/2025
 - 8) Water Resources Department's letter No. संक-२०२४/प्र.क्र. १०० /२४/जसंअ dated 22/08/2025

Executive Director, Vidarbha Irrigation Development Corporation, Nagpur ("Project Proponent" for short), vide letter under Reference No. 1, submitted the Administrative Approval (AA) proposal of Kolar-Kanhan Barrage, Taluka

Kamatee, District Nagpur for the clearance of Maharashtra Water Resources Regulatory Authority (MWRRA) under Section 11(f) of the MWRRA Act, 2005. Upon scrutiny of the proposal, the Authority sought some additional information, as per letters under Reference Nos. 3, 5 & 7. The requisite information was submitted by the Project Proponent, vide letters referred above at Nos. 4 & 6, and by the Water Resources Department, vide the letter under Reference No. 8.

Kolar-Kanhan Barrage is proposed below the confluence of the Kolar and Kanhan Rivers near village Juni Kamptee in the Kanhan Sub-basin of the Godavari Basin for water supply to Nagpur City. The Barrage is 438 meters long with Live Storage of 67.88 Million Cubic Meters (Mcum). The annual water utilisation from the Barrage is 179.601 Mcum including evaporation losses, out of which 65.71 Mcum is from Kanhan Water Works, 44.934 Mcum water is lifted from Kolar Kanhan Barrage and 68.957 Mcum is from Rohna Water Supply Scheme. The Barrage needs to acquire 1206.959 hectare of land including diversion of 18.048 hectares of forest land. The total cost of the Barrage based upon the Water Resources Department's Schedule of Rates of Year 2022-23 is Rs. 952.35 Crores. The Hon'ble Governor had accorded in principle approval to the Barrage vide letter No. RB/DB/e-19011 (129) (2024)/60 dated 26/12/2024.

On scrutiny of the AA proposal of Kolar-Kanhan Barrage with respect to provisions under Section 11(f) of the MWRRA Act and the policy of the Authority for clearance of projects under Section 11(f) of the MWRRA Act, it is observed that;

- a) Construction of 438 meters long Barrage is proposed with Live Storage of 67.88 Mcum and annual water utilisation of 179.601 Mcum, including evaporation losses.
- b) The Revised Integrated State Water Plan (ISWP), approved by the State Water Council in June 2024, under Section 16(4) of the Act, has mentioned Kolar-Kanhan Barrage with its water use on Page No. 224 of Volume IIA of ISWP.
- c) Water Resources Department, vide letter under Reference No. 2, has informed that the work of the Barrage is being proposed from the regular budget provision of the Water Resources Department and Water Resources Department does not have any economic norms for the water supply scheme. However, as per the Government Resolution dated 04/06/2014, the limit of the cost of construction of Barrage should be fixed based upon the water utilisation per Mcum as per the Government Resolution dated 30/04/2011 or as amended by the Government from time to time. At present, Government Resolution dated

13/07/2018 is in force and as per the norms for Vidarbha region for the dams having storage capacity more than 600 Thousand Cubic Meters is Rs. 81,788/-. Whereas the cost per Thousand Cubic Meters of the Barrage is Rs. 53,027/- [Rs. 952.35 crore / 179.601 Thousand Cubic Meters water utilisation] which is well within the norm of Rs. 81,788/-. Thus, the Barrage seems **economically viable**.

- d) Total annual water utilisation of the Barrage including evaporation is proposed to be 179.601 Mcum, out of which, 65.71 Mcum will be lifted from Kanhan Water Works, 44.934 Mcum from upstream of the barrage and 68.957 Mcum near Rohana village. Kanhan Water Works of Nagpur Municipal Corporation, Nagpur has already sanctioned 39.79 Mcum of water vide Government Letter dated 21/07/1998, and 25.92 Mcum of water by Chief Engineer, Water Resources Department, Nagpur vide letter dated 17/02/2001 and accordingly Nagpur Municipal Corporation is lifting the water. Further, Chief Engineer, Water Resources Department, Nagpur vide letter dated 09/02/2016 has issued Water Availability Certificate of 44.934 Mcum for Kolar Kanhan Barrage. Thereafter, Chief Engineer, Hydrology and Dam Safety, Nashik issued 68.957 Mcum Water Availability Certificate to Rohana Water Supply Scheme of Nagpur Municipal Corporation on 12/05/2022. In addition, the Project Proponent, vide letters referred at No. 4 has submitted that the Barrage is proposed to strengthen the three water lifting sources of the water supply schemes proposed for Nagpur Municipal Corporation. Further, Chief Engineer, Water Resources Department, Nagpur has also conducted hydrological study and submitted that considering net water balance at the barrage site, the water requirements of above three schemes is fulfilling through the Barrage. Thus, the Barrage seems **hydrologically viable**.
- e) As per the Notification of the Ministry of Environment, Forest and Climate Change, New Delhi dated 14/08/2018, Environmental Clearance is required to be obtained before commencement of work. The Barrage requires diversion of 18.048 hectares of forest land, thus a clearance from Ministry of Environment, Forest and Climate Change, New Delhi needs to be obtained and copy of the compliance report be submitted to MWRRRA.
- f) The Barrage is proposed on Kolar and Kanhan Rivers - tributaries of Wainganga River and located on upstream of the Gosikhurd Project. As per the Godavari Water Dispute Tribunal Award, Maharashtra State is entitled to use all the water of Wainganga River and its tributaries up to Gosikhurd Project. Thus, this LIS seems to comply with the provisions of said Tribunal.

g) Hon'ble Governor has not issued any Directives from FY 2020-21 regarding clearance of new projects. However, Principal Secretary to the Hon'ble Governor, vide letter dated 06/07/2021, has directed that the proposal should be sanctioned if it fulfils the conditions stated in the letter. Accordingly, the Water Resources Department, vide its letter under Reference No. 8, submitted that the Barrage will not affect the progress of the ongoing project, will not affect funds availability for completion of projects under backlog removal and will not create additional backlog or regional imbalance. Thus, in view of above, this project proposal seems to be complying with the conditions stated in the Hon'ble Governor's letter.

Considering the above, this Administrative Approval proposal appears to be consistent with the mandatory requirements provided in Section 11(f) of the MWRRA Act and the policy of the Authority for clearance of projects under Section 11(f) of the MWRRA Act.

In view of the above and considering the clarification submitted by the Water Resources Department vide letter under Reference No. 8, the Authority has directed me to convey that this project proposal is suitable for clearance. Hence, the Authority's clearance under Section 11 (f) of the MWRRA Act, 2005, is hereby accorded to the Administrative Approval proposal of Kolar-Kanhan Barrage, Taluka Kamatee, District Nagpur.

Hence this communication.

(By the Order of the Authority)


(Mallikarjun Dharane)
Secretary, MWRRA

Copy to :

- 1) Additional Chief Secretary (WRP & D), Water Resources Department, Mantralaya, Madam Cama Road, Mumbai - 400 032.
- 2) Secretary to the Hon. Governor, Raj Bhavan, Malabar Hill, Mumbai - 400 035.
- 3) Chief Engineer, Water Resources Department, Sinchan Seva Bhavan, Civil Lines, Nagpur - 440 001.
- 4) Superintending Engineer & Administrator, Command Area Development Authority Wainganga Nagar, Ajni, Nagpur - 440003.