

**Maharashtra Water Resources  
Regulatory Authority  
( MWRRA )**

**महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण**



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File No: MWRRA/2008/PRCL/GMIDC/Kikvi/183

Date : 10/06/2009

**Clearance to the Kikvi Dam Project  
in Nashik District under GMIDC,  
Aurangabad (Kikvi Water Supply  
Project under Nashik Municipal  
Corporation )by MWRRA under  
Section 11 (f) of the Act**

- Ref : १) मु.अ. जलसंपदा विभाग, उत्तर महाराष्ट्र प्रदेश, नाशिक, यांचे  
पत्र क्र. उमप्र/तां.१/७६०/२००९ दिनांक २१/०२/२००९
- 2) Chief Engineer, WRD, North Maharashtra  
Region, Nashik's letter No. NMR/T-1/1759  
/2009 dated 18/05/2009
- 3) Chief Engineer, WRD, North Maharashtra  
Region, Nashik's letter No. NMR/T-1/  
2057/ 2009 dated 06/06/2009

**AUTHORITY MEMORANDUM**

1.00 Section 11 (f) of the MWRRA Act (Act No.XVIII of 2005) reads as below:

"To review and clear water resources projects proposed at the sub-basin and river basin level to ensure that a proposal is in conformity with Integrated State Water Plan and also with regard to the economic, hydrologic and environmental viability and where relevant, on the State's obligations under Tribunals, Agreements, or Decrees involving interstate Entitlements:

Provided that, while clearing the new water resources projects by the concerned for construction proposed by River Basin Agencies, the Authority shall ensure that Governor's Directives issued from time to time, relating to investment priority for removal of regional imbalance are strictly observed;

Provided further that, in respect of the projects situated in Marathwada and Vidarbha Regions, the powers to accord administrative approval or revised administrative approval, under this clause, shall in accordance with the Governor's directives, be exercised by the concerned River Basin Agency".

- 2.00 The Kikvi Project is solely a Water Supply Project proposed near village Bramhanwade, Taluka Trimbak, District Nashik on Kikvi River in Upper Godavari sub-basin of Godavari basin was received for clearance by MWRRA under above mentioned Section of the Act; vide Ref No. 1.
- 3.00 (i) The project envisages construction of a dam 1,280 m long with gross storage of 70.36 Mm<sup>3</sup> and live storage of 60.02 Mm<sup>3</sup>. The annual utilization of 35.00 Mm<sup>3</sup> is for Nashik Municipal Corporation and 10.21 Mm<sup>3</sup> is the annual evaporation loss.
- (ii) The project has been cleared by C. E. (H.P.) Nashik, for water availability of 45.21 Mm<sup>3</sup> at 100% success
- (iii) The total land required for submergence is 929.96 ha and no villages are under submergence.
- (iv) The project involves diversion of 207.47 ha forest land.
- (v) The total cost of the project is Rs. 283.54 Crore excluding water distribution cost of Rs.100.00 Crore.
- 4.00 Vide Ref. No. (2) and (3), Nashik Municipal Corporation (NMC), Nashik has established the viability of the project by considering 50% grant from Jawaharlal Nehru National Urban Renewal Mission, 20% grant from Government of Maharashtra and remaining 30% participation from NMC, Nashik.
- 5.00 The actual retail tariff chargeable should be reassessed on completion of the project (dam and distribution system) keeping in view annual repayment required if any and annual O & M charges including interest liability. The actual average retail tariff should be charged to the industrial and drinking water supply users by levying appropriate retail tariff so that the annual revenues generated will fully cover all liabilities i.e. interest and O & M charges. A copy of this tariff estimation may be furnished to the Authority.
- 6.00 The Project has been designed for 100% success rate whereas water supply projects are generally designed for 95% success rate. Thus the

storage seems to be overdesigned by 10Mm<sup>3</sup>. This additional storage may be utilised for environmental flushing flow in summer months i.e. from March to June every year, by provision of low level river sluices.

7.00 Since no irrigation is involved, Governor's directives relating to backlog do not apply to this project.

8.00 Kikvi Project involves diversion of 207.47 ha forest land. Approval of the MoEF may be obtained for diversion of this forest land and no work should be initiated on this project without this approval.

9.00 Environmental clearance is required for this project as per Notification of Ministry of Environment and Forests, Government of India, September 2006. The environmental angle clearance may be obtained from Competent Authority as stipulated by MoEF.


10.00 The MWRRRA is, therefore, pleased to accord clearance to this project under Section 11 (f) of the MWRRRA Act as per salient features appended herewith subject to compliance of Para - 5 to 8 above.

11.00 This clearance is issued under reference No. 77 dated 10/06/2009 & is registered under No. MWRRRA / 2007 / PRCL / GMIDC / Kikvi / 183 dated 10/06/2009 in the office of the Authority.

12.00 The Receipt of this Memorandum may please be acknowledged.

Encl : Abstract Sheet

गोदावरी मरठवाडा इरिगेशन डेव्हलपमेंट कॉर्पोरेशन  
1/10/09  
दिनांक: ११/६/०९  
संख्या: २१

9/2  
  
(S.V. Sodal)  
Secretary

Copy forwarded to :

  
११/६/०९

- 1) Secretary (WR), WRD, Mantralaya, Mumbai.
- 2) Executive Director, Godavari Marathawada Irrigation Development Corporation, 1st Floor, Sinchan Bhavan, Jalana Road, Aurangabad - 431 005.
- 3) Chief Engineer (WR), WRD, North Maharashtra Region, Sinchan Bhavan, Trimbak Road, Nashik - 422 002
- 4) Superintending Engineer, Water Supply & Sewer Department, Nashik Municipal Corporation, Rajiv Gandhi Bhavan, Sharanpur Road, Post Box No. 12, Nashik - 422 002.

**Clearance by MWRRRA to Kikvi Dam Project for Nashik Municipal Corporation, Nashik**

Name of Project/ Taluka/ District	Catchment Area Sq Km.	Basin/ Sub-basin	Annual Utilisation in Mm <sup>3</sup>				Length of Earthen Dam	Spillway Section	Cost of Project in Lakhs	Whether Project lies in Backlog District or otherwise	Remarks
			Irrigation	Drinking	Industry	Evaporation					
1	2	3	4	5	6	7	9	10	11	13	14
Kikvi Project, Taluka Trimbak, District Nashik	69.99	Godavari / Upper Godavari	NIL	35.00	NIL	10.21	1,280 m	26.5 m. in length on Left Side, Ogee type	28,354.23	No	1. Water Clearance by CE, HP, Nashik 2. The Scope of Project is to supply water to Nashik Municipal Corporation.