

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

महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

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File No: MWRRA/2007/PRCL/VIDC/HTW-PRN/1639

Date : 13/10/2008

**Conditional Clearance to Purna
Barrage No. - 2 (Ner-Dhamana)
Project in Vidarbha Irrigation
Development Corporation
(VIDC), Nagpur, by MWRRA
under Sec.11 (f) of the Act.**

- Ref : १) का.सं. विपाविम, नागपूर यांचे पत्र क्र. . २६११/विपाविम/
का.ता.५/(२१/२००७)/२००८ दिनांक ०९/०६/२००८.
२) मु.अ. जलसंपदा विभाग, नागपूर यांचे पत्र क्र. ३३९३/ना.तां-
५/पूर्णा बॅरेज क्र. -२/०८ दिनांक ०८/०७/२००८
३) मु.अ. जलसंपदा विभाग, अमरावती यांचे पत्र क्र. १०५३/
ता.शा./पूर्णा-तापी/पाउ/०८ दिनांक २५/०९/२००८

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 Purna Barrage No. - 2 (Ner-Dhamana) , Taluka Telhara, District Akola in Purna sub basin of Tapi basin in Amravati Division was received for clearance by MWRRRA under above mentioned Section of the Act; vide Ref No. 1 and 2.
- 3.00 (i) The Project has been cleared by CE, WRD, Nagpur. As per Government's letter dated 24/06/2008 which is in turn based on a study by C.E. (H.P.) Nashik, this project is in sub catchment 'F' and 85.87 Mm³ water made available from this sub catchment for the future projects. As per the study, the total water available for utilisation in this sub catchment is 134.43 Mm³ at 75% dependability, 213.94 Mm³ at 50% dependability & 213.02 Mm³ is annual average. Thus total water utilisation in sub catchment 'F' including future projects will be 202.13 Mm³ which is the 52% dependable flow. Government's letter vide Ref No. 3, states that 132.53 Mm³ water is available for the future projects out of which 85.87 Mm³ water made available from the sub catchment 'F' and 46.66 Mm³ is the balance water available from the sub catchment 'A' to 'E'.
- (ii) Although the GR of 24.06.2008 has identified additional water availability for new M.I. Schemes in Purna Sub-Basin, this medium project is being awarded clearance keeping in view water availability and the large area of 6954 ha. being brought under irrigation which will help in faster removal of backlog.
- (iii) The BC ratio is more than 1.5 and project is in backlog area.
- (iv) The irrigation back log in Akola District (including Washim District) as on June 1994 is 1,77,280 ha in SRE and balance backlog of June 1994 as on June 2007 is 1,13,490 ha in SRE. This Project has a total potential of about 11,196 ha in SRE.
- 4.00 While allocation of water at a dependability lower than 75% required to remove irrigation backlog, affects performance of an existing major and medium project in the sub-basin which are already techno economically approved as per existing norm of 75% dependability for major and medium projects in an inter state basin. Thus the distress in form of water availability is being shared by existing and new projects with a view to remove irrigation backlog by lowering the dependability for water availability from 75% to upto average

flow. This revised policy will have to be got approved from the State Government keeping all techno-economic and legal aspects in view and construction of Purna Barrage No. - 2 (Ner-Dhamana) may be taken up only after the approval to this policy

- 5.00 The work of Barrage in river gorge portion should only be started after completion of R & R works.
- 6.00 Environmental clearance is required for this project as per Notification of Ministry of Environment & Forests, Government of India, September 2006 even this project is categorised under minor irrigation project. The environmental angle clearance may be obtained from State Level Committee as per the stipulation in the MoEF's Notification as above. It is presumed that this project does not involve diversion of forest land. A certificate to this effect needs to be furnished from concerned Forest Dept.
- 7.00 The MWRRA is, therefore, pleased to accord Conditional clearance to these projects under Sec.11 (f) of the MWRRA Act as per salient features appended herewith subject to compliance of condition mentioned in Para - 4 above.
- 8.00 This clearance is issued under reference No. 38 dated 13/10/2008 and is registered under MWRRA/2008/PRCL/VIDC/HTW-PRN/1639 dated 13/10/2008 in the office of the Authority.
- 9.00 The Receipt of this Memorandum may please be acknowledged.

Encl : Abstract Sheet

नळसंपदा विभाग, नळाडव मुंबई
दि. 13-10-08
समयावधी
13-10-08
दि. 13-10-08

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(S.V. Sodal) 13/10
Secretary, MWRRA

Copy forwarded to :

- 1) Secretary (WR), WRD, Mantralaya, Mumbai.
- 2) Executive Director, Vidarbha Irrigation Development Corporation (VIDC), Sinchan Seva Bhavan, Civil Lines, Nagpur - 440 001.
- 3) Chief Engineer (Specified Project), Water Resources Department, Sinchan Seva Bhavan, Shivaji Nagar, Camp, Amravati - 444 603.

Clearance by MWRRRA to Purna Barrage No. – 2 (Ner-Dhamana) Project in VIDC, Nagpur

Sr No.	Name of Project/ Taluka/ District	Catchment Area Sq Km.	Basin/ Sub-basin	Annual Utilisation in Mm ³				I.C.A. Ha	Length of Barrage in Metre	No of Gates	Cost in Lakh	B/C Ratio	Whether Project lies in Backlog District or otherwise	Remarks	
				Irriga tion	Drink ing	Indus try	Evapo ration								Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Purna Barrage No. – 2 (Ner- Dhamana) Taluka Telhara District Akola	5,830.74	Tapi / Purna	23.815	1.2269		2.5435	27.585	6,954	216	12	18,198.9	1.506	Yes	Water Clearance by C.E, NHP, Nasik