



# Maharashtra Water Resources Regulatory Authority ( MWRRA )

## महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

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File No: MWRRA/2009/PRCL/VIDC/03-3MI/1878

Date : 19/01/2009

Conditional Clearance to  
Chandrabhaga Barrage (Sangwa)  
under Vidarbha Irrigation  
Development Corporation, Nagpur,  
by MWRRA under Sec.11 (f) of Act.

- Ref : १) मु.अ. जलसंपदा विभाग, अमरावती यांचे पत्र क्र. १४६/तांशा/प्रअ/  
चंद्रभागा बॅरेज (सांगवा) बृलपा/२००९ दिनांक ०७/०१/२००९  
२) महाराष्ट्र शासन, जलसंपदा विभाग, शासन निर्णय क्र. मापदंड-  
२००६/(३५८/२००६) लपा-२ दिनांक २३/०१/२००८

### 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”.

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- 2.00 The Chandrabhaga Barrage (Sangwa), Taluka Daryapur, District Amravati in Tapi basin in Amravati Division was received for clearance by MWRRA under above mentioned Section of the Act, vide above Reference.
- 3.00 (i) Chandrabhaga Barrage (Sangwa) has been cleared by C.E. (S.P.) Amravati for water availability of 17.54 Mm<sup>3</sup> at 50% dependability at proposed site based on his letter dated 25/09/2008 which is in turn based on the C.E. (H.P.) study on water Availability for future projects in Purna sub basin in Tapi basin up to Jigaon Project. This Project is coming in sub catchment 'B'. The total water available for utilisation from sub catchment 'B' at 75% dependability is 238.45 Mm<sup>3</sup>; at 50% dependability is 319.06 Mm<sup>3</sup> & annual average is 324.10 Mm<sup>3</sup>. For the future projects, 104.75 Mm<sup>3</sup> water will be utilised & thus total water utilisation in sub catchment 'B' is 238.45 Mm<sup>3</sup> which is equal to 75% dependable flow. But this project will affect the dependability of Jigaon Project by reducing its dependability from 75% to 59%
- (ii) The BC ratio is more than 1 for this Project and is in backlog area.
- (iii) The project is within prescribed cost norms in terms of Rs / 1000 cu.m. of Gross Storage. This project is located in saline belt for which cost norms are three times the normal norms vide Government G.R. dated 23/01/2008.
- (iv) This Project is in Amravati District, which is a back log district. The irrigation back log in Amravati District as on June 1994 is 2,09,640 ha in SRE and balance backlog of June 1994 as on June 2007 is 1,00,830 ha in SRE. These three projects have a total potential in SRE of about 2,444 ha.
- 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 Chandrabhaga Barrage (Sangwa) may be taken up only after the approval to this policy

5.00 Environmental clearance is required for this project as per Notification of Ministry of Environment & Forests, Government of India, September 2006. The environmental angle clearance may be obtained from State Level Committee as per the stipulation in the MoEF's Notification as above.

6.00 Chandrabhaga Barrage (Sangwa) involves diversion of 12.97 ha forest Land. A certificate needs to be furnished from MoEF for Forest clearance.

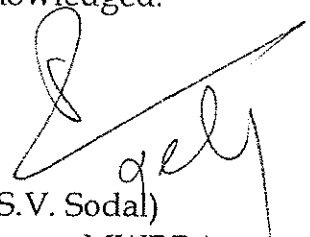
7.00 The MWRRA is, therefore, pleased to accord Conditional clearance to Chandrabhaga Barrage (Sangwa) under Sec.11 (f) of the MWRRA Act as per salient features appended herewith subject to compliance of condition mentioned in Para - 4 above, environment clearance and certificate required for forest clearance.

8.00 This clearance is issued under reference No. 57 dated 19/01/2009 and is registered under MWRRA / 2008 / PRCL / VIDC / 03-3MI/ 1878 dated 19/01/2009 in the office of the Authority.

9.00 The Receipt of this Memorandum may please be acknowledged.

Encl : Abstract Sheet

महाराष्ट्र नदी विकास व बांधकाम विभाग  
अवकाश विभाग  
पत्रांक: १९१/०९  
वाराणसी

  
(S.V. Sodal)  
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, Water Resources Department, Sinchan Seva Bhavan, Shivaji Nagar, Camp, Amravati - 444 603.

### Conditional Clearance by MWRRRA to Chandrabhaga Barrage (Sangwa) in VIDC, Nagpur

Sr. No.	Name of Project/ Taluka/ District	Catchment Area Sq Km.	Basin/ Sub-basin	Annual Utilisation in Mm <sup>3</sup>				I.C.A. Ha	Cost in Lakh	Cost/ T.C.M	Govt. yard-stick Cost/ T.C.M.	B/C Ratio	Whether Project lies in Backlog District or otherwise	Remarks	
				Irrigation	Drinking	Industry	Evaporation								Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Chandrabhaga Barrage (Sangwa), Taluka Daryapur, District Amravati	235.50	Tapi / Purna	13.068	1.217	3.250	17.535	1,721	8557	1,08,330	1,08,837 (Project is in Saline Belt)	Not considered	Yes	Water Clearance by C.E.(SP) WRD, Amravati	