



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

**महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण**

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File No: MWRRA/2009/PRCL/VIDC/28-1MI/389....

Date : 10/08/2009

**Conditional Clearance to Ghotu  
Shivani (LMI) Barrage cum  
Storage Tank in Washim District  
under VIDC, Nagpur, by  
MWRRA under Sec.11 (f) of Act.**

Ref : १) मु.अ. (वि.प्र) जलसंपदा विभाग, अमरावती यांचे पत्र क्र. ३५५०/  
तांशा/घोटा शिवनी/मजनिप्रा/०८ दिनांक २९/०७/२००९

**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 Ghotu Shivani (LMI) Barrage cum Storage Tank, Taluka Mangrulpir, District Washim in Painganga sub-basin of Godavari

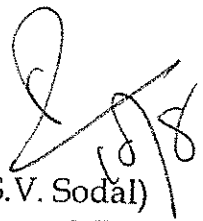
Basin, was received for clearance by MWRRA under above mentioned Section of the Act, vide above References.

- 3.00 (i) Ghota Shivani (LMI) Barrage cum Storage Tank has been cleared by CE, (SP) WRD, Amravati for water availability of 4.84 Mm<sup>3</sup> at 50% dependability at proposed site based on Government's letter dated 18/03/2008 which is in turn based on a study by C.E. (H.P.) Nashik. This project is coming in the catchment of ongoing Adan project (Medium). This Study state that water available upto Adan Project at 75% dependability is 92.45 Mm<sup>3</sup>; at 50% dependability is 197.28 Mm<sup>3</sup> & annual average is 205.16 Mm<sup>3</sup>. The total utilisation in this catchment from all projects is 121.68 Mm<sup>3</sup> & for the new MI projects, 30.00 Mm<sup>3</sup> water is allotted. So total water use upto Adan Project is 151.68 Mm<sup>3</sup> & its dependability reduced to 64.56%. However vide WRD's Letter dated 18/03/2008, 69.00 Mm<sup>3</sup> water is allotted from Adan Project for the new MI projects. So total water use upto Adan Project is 190.68 Mm<sup>3</sup> & its dependability will be around 50.00%.
- (ii) The BC ratio of this project is more than 1 & is in backlog area.
- (iii) This project is within prescribed cost norms in terms of Rs / 1000 cu.m. of Gross Storage.
- (iv) This Project is in Washim District, which is a back log district. 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 2008 is 1,06,680 ha in SRE. This Project has a total potential in SRE of about 2,244 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 Ghota Shivani (LMI) Barrage cum Storage Tank 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 and Forests, Government of India, September 2006. The environmental angle clearance may be obtained from Competent Authority as stipulated by MoEF.
- 6.00 It is presumed that Ghota Shivani (LMI) Storage Tank 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 Ghota Shivani (LMI) Barrage cum Storage Tank 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. .. dated ../08/2009 and is registered under MWRRA / 2009 / PRCL /VIDC / 28-1MI/ 87 dated 10/08/2009 in the office of the Authority.
- 9.00 The Receipt of this Memorandum may please be acknowledged.

Encl : Abstract Sheet

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

Conditional Clearance by MWRRA to Ghota Shivani (LMI) Barrage cum Storage Tank 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	Ghota Shivani (LMI) Barrage cum Storage Tank, Taluka Mangrupir, District Washim	494.50	Goda vari / Pain ganga	4.737	0.836	Nil	1.990	7.563	1,394	2,033.92	28,809	29,023	1.48	Yes	Water Clearance by C.E.(SP) WRD, Amravati