

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

महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण



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File No: MWRRA/2008/VIDC/PRCL/4-MI&1-MD/1776

Date : 05/12/2008

**Conditional Clearance to the 2
M.I. & 1 Medium project under
Vidarbha Irrigation Development
Corporation, Nagpur, by
MWRRA under Sec.11 (f) of Act.**

- Ref : १) मु.अ. (वि.प्र.) जलसंपदा विभाग, अमरावती यांचे पत्र क्र.
१८२५/ तांशा/सगगी प्र./मजनिप्रा/२००८ दिनांक २५/११/२००८
- २) मु.अ. जलसंपदा विभाग, अमरावती यांचे पत्र क्र. ४४९३/
प्रअ/कुत्तरडोह त.प्र./२००८ दिनांक २६/११/२००८
- ३) मु.अ. (वि.प्र.) जलसंपदा विभाग, अमरावती यांचे पत्र क्र. १८१०/
तांशा/घुंगशी बॅरेज/२००८ दिनांक २४/११/२००८.

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 2 M.I. & 1 Medium project viz at Sr. No. (a) in Godavari basin and Sr. No. (b) & (c) in Tapi basin in Amravati Division were received for clearance by MWRRA under above mentioned Section of the Act, vide above Reference.

- (a) Baggi Storage Tank, Taluka Karanja, District Washim
- (b) Kuttardoh M.I. Tank, Taluka Malegaon, District Washim
- (c) Ghungshi Barrage, Taluka Murtijapur, District Akola

3.00 (i) Baggi Storage Tank has been cleared by CE, WRD, Nagpur for water availability 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 Bembala project. This Study state that water available upto Bembala Project at 75% dependable is 374.38 Mm³; at 50% dependable is 474.19 Mm³ & annual average is 538.36 Mm³. The total utilisation in this catchment from all projects is 468.39 Mm³ & for the new MI projects, 32.27 Mm³ water is allotted. So total water use upto Completed Bembala Project is 500.66 Mm³ & its dependability reduced to 45.81 % against 75% norm for major and medium projects in an inter state basin.

(ii) Kuttardoh M.I. Tank has been cleared by C.E. (S.P.) Amravati for water availability 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. The total water available for utilisation from sub catchment 'E' at 75% dependability is 273.92 Mm³; at 50% dependability is 325.93 Mm³ & annual average is 348.88 Mm³. For the future projects, 62.68 Mm³ water will be utilised & thus total water utilisation in sub catchment 'E' is 273.92 Mm³ which is equal to 75% dependable flow. This project is coming in catchment of Katepurna Project & dependability of Katepurna Project is reduced from 75% to 58.11%.

(ii) Ghungshi Barrage has been cleared by C.E. (S.P.) Amravati for water availability 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. The total water available for utilisation from sub

catchment 'C' at 75% dependability is 88.16 Mm³; at 50% dependability is 135.71 Mm³ & annual average is 141.80 Mm³. For the future projects, 85.16 Mm³ water will be utilised & thus total water utilisation in sub catchment 'C' is 88.16 Mm³ 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%

- (iii) The BC ratio is more than 1 for Projects at Sr. No. (a) & (b) and more than 1.5 for Project at Sr. No. (c). These projects are in backlog area.
- (iv) The projects at Sr. No. (a) and (b) are within prescribed cost norms in terms of Rs / 1000 cu.m. of Gross Storage.
- (v) These projects are 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 2007 is 1,13,490 ha in SRE. These projects have about 11,383 ha total potential 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 these 2 M.I. & 1 Medium project may be taken up only after the approval to this policy


5.00 Environmental clearance is required for these projects 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. It is presumed that these projects do

not involve diversion of forest land. A certificate to this effect needs to be furnished from concerned Forest Dept.

6.00 The MWRRA is, therefore, pleased to accord Conditional clearance to these 2 M.I. & 1 Medium project under Sec.11 (f) of the MWRRA Act as per salient features appended herewith subject to compliance of condition mentioned in Para - 4 above.

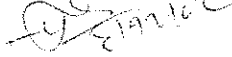
7.00 This clearance is issued under reference No. 50 dated 05/12/2008 and is registered under MWRRA / 2008 / VIDC / PRCL / 4-MI&1-MD/ 1776 dated 05/12/2008 in the office of the Authority.


8.00 The Receipt of this Memorandum may please be acknowledged.


(S.V. Sodal)
Secretary, MWRRA

Encl : Abstract Sheet

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.
- 4) Chief Engineer (SP), Water Resources Department, Sinchan Seva Bhavan, Shivaji Nagar, Camp, Amravati - 444 603.

Received three copies
Sr. No. 2, 3 & 4

A. J. Jalunke
A.E-II
M.I. survey sub div
Amravati

Clearance by MWRRRA to Baggi Storage Tank and Kuttardoh M.I. Tank 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	Cost in Lakh	Cost/ T.C.M	Govt. yard-stick Cost/ T.C.M.	B/C Ratio	Whether Project lies in Backlog in 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	Baggi Storage Tank, Taluka Karanja, District Washim	9.337	Goda wari/Wardha	1.1592	0.200	NIL	0.6431	2.0023	348	593.44	28,853	29,023	1.58	Yes	Water Clearance by C.E., WRD, Nagpur
2	Kuttardoh M.I. Tank, Taluka Malegaon, District Washim	11.84	Tapi / Purna	1.249	0.300	NIL	0.366	2.004	379	740.47	33,309	36,279	1.40	Yes	Water Clearance by C.E.(SP) WRD, Amravati

Clearance by MWRRRA to Ghungshi Barrage 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	Cost in Lakh	Dam length	Barrage	B/C Ratio	Whether Project lies in Backlog in 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	Ghungshi Barrage, Taluka Murtijapur District Akola	4,700.5	Tapi / Purna	23.88	3.968		5.108	32.956	6,343	17,015	800 m incl. length of Barrage	183 m in length, with 10 - Gates of (15m X 10m)	1.75	Yes	Water Clearance by C.E, (S.P.), Amravati