



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

महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

9th Floor, Centre-1, World Trade Centre, Cuffe Parade, Mumbai - 400 005. Tel : 2215 2019 • Fax : 2215 3765
File No: MWRRA/2009/PRCL/VIDC/01-5MI/1851 Date : 12/01/2009

**Clearance to the Patiya M.I. Tank,
Doma Storage Tank & Shivangaon
Storage Tank under Vidarbha
Irrigation Development
Corporation, Nagpur, by MWRRA
under Sec.11 (f) of Act.**

- Ref : १) जलसंपदा विभाग, मुंबई यांचे पत्र.क्र. जिगांव-२/१५७९/
(४५९/०८) जसंअ दिनांक ०१/०१/२००९
२) मु.अ. (वि.प्र.) जलसंपदा विभाग, अमरावती यांचे पत्र क्र.
२११८/ तांशा/पाटिया/मजनिप्रा/०८ दिनांक १५/१२/२००८
३) मु.अ. (वि.प्र.) जलसंपदा विभाग, अमरावती यांचे पत्र क्र.
२१०९/ तां.शा./डोमा/मजनिप्रा/०८ दिनांक १५/१२/२००८
४) मु.अ. (वि.प्र.) जलसंपदा विभाग, अमरावती यांचे पत्र क्र. २३८७/
तां.शा./सांडवा/मजनिप्रा/२००८ दिनांक ३०/१२/२००८

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;

- 2 -

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 Projects at Sr. No. (a) & (b) in Tapi basin and Project at Sr. No. (c) in Godavari basin were received for clearance by MWRRRA under above mentioned Section of the Act, vide Ref No. 2 to 4.
- (a) Patiya M.I. Tank, Taluka Dharni, District Amravati
 - (b) Doma Storage Tank, Taluka Chikhaldara, District Amravati
 - (c) Shivangaon Storage Tank, Taluka Tiwasa, District Amravati
- 3.00 (i) Patiya M.I. Tank & Doma Storage Tank has been cleared by C.E. (SP) WRD, Amravati for water availability of 2.48 Mm³ and 2.017 Mm³ at proposed site respectively. Vide Ref No. 1; 10.741 TMC water is reserved for Future Projects in Tapi Basin. In the list of future projects, out of 2.971 T.M.C. water reserved earlier for Tapi Diversion Scheme, Government has reduce its scope to 1.464 TMC & balance water is given to 1 Medium and 3 Minor projects including these two minor projects. It is seen that the CWC had earlier cleared Upper Tapi Stage - II (Tapi Diversion Scheme) for 13.70 T.M.C., the scope of which has now been reduced to 1.464 T.M.C.
- (ii) Shivangaon Storage Tank has been cleared by C.E. (S.P.) Amravati for water availability of 2.19 Mm³ at proposed site. This project is in the catchment of Lower Wardha Project. The 75% dependable yield available at Lower Wardha Project as per CWC study is 330.00 Mm³ & post monsoon flow is 16.50 Mm³. Thus total yield available is 346.50 Mm³ & total water utilisation including Lower Wardha Project is 343.50 Mm³. Therefore net water available for future projects is 3.00 Mm³.
 - (iii) The BC ratio is more than 1 for Projects at Sr. No. (a) to (c). These projects are in backlog area.
 - (iv) The projects at Sr. No. (a) to (c) are within prescribed cost norms in terms of Rs / 1000 cu.m. of Gross Storage.
 - (v) These projects are 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

- 3 -

on June 2007 is 1,00,830 ha in SRE. These projects have a total potential of 1,619 ha in SRE.

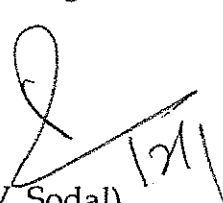
- 4.00 Environmental clearance is required for these projects as per Notification of Ministry of Environment & Forests, Government of India, September 2006. The environmental angle clearance may be obtained from State Level Committee as per the stipulation in the MoEF's Notification as above.
- 5.00 Patiya M.I. Tank involves diversion of 17.75 ha forest Land. A Forest clearance certificate needs to be furnished from MoEF. It is presumed that other projects do not involve diversion of forest land. A certificate to this effect needs to be furnished from concerned Forest Dept.
- 6.00 The MWRRRA is, therefore, pleased to accord clearance to these projects under Sec.11 (f) of the MWRRRA Act as per salient features appended herewith subject to condition that the state government will not exceed the allotted share of 191.40 T.M.C. at 75% dependability in Tapi water as already committed to the CWC while procuring clearance of Lower Pedhi Medium Project in July 2008.
- 7.00 This clearance is issued under reference No. 54 dated 12/01/2009 and is registered under MWRRRA / 2008 / PRCL / VIDC / 01 - 5MI/ 1851 dated 12/01/2009 in the office of the Authority.
- 8.00 The Receipt of this Memorandum may please be acknowledged.

Encl : Abstract Sheet

9319/0e

247

4.26


e/c (S.V. Sodal)
Secretary, MWRRRA

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

Clearance by MWRRRA to Patiya M.I. Tank, Doma Storage Tank & Shivangaon Storage 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 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	Patiya M.I. Tank, Taluka Dharni, District Amravati	9.875	Tapi / Middle Tapi	1.7359	0.3038	NIL	0.4331	2.4727	298	996.125 (925.125 without NPV)	35,935	36,279	1.01	Yes	Water Clearance by C.E.(SP) WRD, Amravati
2	Doma Storage Tank, Taluka Chikhaldara, District Amravati	6.16	Tapi / Middle Tapi	1.7725	NIL	NIL	0.2416	2.0171	419	723.40	28,982	29,023	1.40	Yes	Water Clearance by C.E.(SP) WRD, Amravati
3	Shivangaon Storage Tank, Taluka Tiwasa, District Amravati	20.08	Goda vari / Wardha	1.3269	NIL	NIL	0.8578	2.1847	423	654.53	28,478	29,023	1.02	Yes	Water Clearance by C.E.(SP) WRD, Amravati