

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

**महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण**

9th Floor, Centre-1, World Trade Centre, Cuffe Parade, Mumbai - 400 005.  
Tel : 2215 2018 / 2215 2019 • Fax : 2215 3765

File No: MWRRA/2008/PRCL/VIDC/WSM/8-KT/1699

Date : 05/11/2008

**Conditional Clearance to 8 -  
Kolhapur Type (K.T.) Weirs in  
Washim District under Vidarbha  
Irrigation Development Corp.  
(VIDC), Nagpur, by MWRRA  
under Sec.11 (f) of Act.**

Ref : १) मु.अ. जलसंपदा विभाग, अमरावती यांचे पत्र क्र. १३०४/तांशा  
कोपबं/वाशिम/ २००८ दिनांक २१/१०/२००८

**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 8 - Kolhapur Type (K.T.) Weirs viz at Sr. No. (a) to (h) in Godavari basin in Amravati Division were received for clearance by MWRRA under above mentioned Section of the Act, vide above Reference.
- (a) Jumda K.T. Weir, Taluka Washim, District Washim
  - (b) Adgaon K.T. Weir, Taluka Washim, District Washim
  - (c) Tanka K.T. Weir, Taluka Washim, District Washim
  - (d) Jaipur K.T. Weir, Taluka Washim, District Washim
  - (e) Songavhan K.T. Weir, Taluka Washim, District Washim
  - (f) Dhilli K.T. Weir, Taluka Washim, District Washim
  - (g) Rajgaon K.T. Weir, Taluka Washim, District Washim
  - (h) Kokalgaon K.T. Weir, Taluka Washim, District Washim
- 3.00 (i) These Projects 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.
- (ii) These Projects are in the catchment of Upper Painganga Major Project. According to the letter, 105.16 Mm<sup>3</sup> water is available at 50% dependability (out of 1403.36 Mm<sup>3</sup>), out of which 80.72 Mm<sup>3</sup> water is reserved for future projects in Washim District and remaining 24.41 Mm<sup>3</sup> is for Hingoli District. Out of 80.72 Mm<sup>3</sup>, so far projects utilizing 2.117 Mm<sup>3</sup> is sanctioned. The utilisation of 27.77 Mm<sup>3</sup> water allotted for these 8 - K.T. Weirs is out of this balance. Thus utilisation of 50% dependable flow affects the performance of completed Upper Painganga Major Project where water use dependability now becomes 49.64% against 75% norm for major and medium projects in an inter state basin.
- (iii) While C.E. WRD, Nagpur has certified availability for 8 - K.T. Weirs for utilisation of 27.77 Mm<sup>3</sup>. In the water account of the sub-basin, the utilisation from these 8 - K.T. Weirs may be taken as 28.2132 Mm<sup>3</sup> and not 27.77 Mm<sup>3</sup> and balance for new projects worked out accordingly.
- (iv) The BC ratio is more than 1 and project is in backlog area.

- (v) These projects are within prescribed cost norms in terms of Rs / 1000 cu.m. of Gross Storage.
- (vi) The balance backlog of June 1994 as on June 2007 in Washim District is 56,890 ha in SRE and in Hingoli District is 24,610 ha in SRE. The total potential of 8 - K.T. Weirs in SRE is about 6,417 ha in Washim District and 4,474 ha in Hingoli District.

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 8 - K.T. Weirs 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 (MoEF), 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.

6.00 It is presumed that these 8 - K.T. Weirs do not involve diversion of forest land. A certificate to this effect needs to be furnished from concerned Forest Dept.

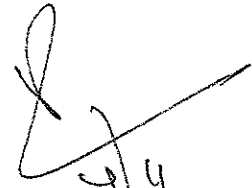
7.00 The MWRRA is, therefore, pleased to accord Conditional clearance to these 8 - K.T. Weirs under Sec.11 (f) of the MWRRA Act as per salient features appended herewith subject to compliance of condition mentioned in Para - 4 above.

8.00 This clearance is issued under reference No. 45 dated 05/11/2008 and is registered under No. MWRRA/2008/PRCL/VIDC/WSM /8-K.T./1699 dated 05/11/2008 in the office of the Authority.

9.00 The Receipt of this Memorandum may please be acknowledged.

Encl : Abstract Sheet

महाराष्ट्र राज्य सरकार  
विद्युत विभाग  
मुंबई  
दिनांक : २१/११/०८  
स्वाक्षरी : २९५  
१२, १२

  
%  
(S.V. Sodal)

Secretary, MWRRA

Copy forwarded to :

- ०६-११-०८
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 Bhavan, Shivaji Nagar, Camp, Amravati - 444 603.

Conditional Clearance by MWRRA to 8 – K.T. Weirs in Washim District 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
				Irriga tion	Drink ing	Indu stry	Evapo ration	Total							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Jumda K.T. Weir, Taluka & District Washim	3158.58	Goda vari / Pain ganga	2.9788	Nil	Nil	0.6851	3.6639	853	312.34	17,050	17,066	1.66	Yes	Water Clearance by C.E, WRD, Nagpur
2	Adgaon K.T. Weir, Taluka & District Washim	3418.69	Goda vari / Pain ganga	2.6600	Nil	Nil	0.6800	3.3400	762	284.78	17,053	17,066	1.62	Yes	Water Clearance by C.E, WRD, Nagpur
3	Tanka K.T. Weir, Taluka & District Washim	3935.69	Goda vari / Pain ganga	2.0511	Nil	Nil	0.3689	2.4200	587	206.44	17,061	17,066	1.61	Yes	Water Clearance by C.E, WRD, Nagpur
4	Jaipur K.T. Weir, Taluka & District Washim	4079.79	Goda vari / Pain ganga	2.9091	Nil	Nil	1.3703	4.2794	833	362.03	16,920	17,066	1.51	Yes	Water Clearance by C.E, WRD, 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
5	Songavhan K.T. Weir, Taluka & District Washim	3821.74	Goda vari / Pain ganga	2.6854	Nil	Nil	0.6851	3.3705	769	287.42	17,055	17,066	1.62	Yes	Water Clearance by C.E, WRD, Nagpur
6	Dhilli K.T. Weir, Taluka & District Washim	4014.33	Goda vari / Pain ganga	2.4462	Nil	Nil	1.3703	3.8165	701	323.61	17,052	17,066	1.43	Yes	Water Clearance by C.E, WRD, Nagpur
7	Rajgaon K.T. Weir, Taluka & District Washim	3617.91	Goda vari / Pain ganga	2.0350	Nil	Nil	0.3865	2.4215	583	206.37	17,034	17,066	1.58	Yes	Water Clearance by C.E, WRD, Nagpur
8	Kokargaon K.T. Weir, Taluka & District Washim	3341.61	Goda vari / Pain ganga	4.4183	Nil	Nil	0.4831	4.9014	1,265	417.89	17,052	17,066	1.82	Yes	Water Clearance by C.E, WRD, Nagpur

Note : While C.E. WRD, Nagpur has certified availability for 8 - K.T. Weirs for utilisation of 27.77 Mm<sup>3</sup>. In the water account of the sub-basin, the utilisation from these 8 - K.T. Weirs may be taken as 28.2132 Mm<sup>3</sup> and not 27.77 Mm<sup>3</sup> and balance for new projects worked out accordingly.