



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

महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

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File No: MWRRA/2008/PRCL/VIDC/Umbarada & Suasin/1833

Date : 02/01/2009

**Conditional Clearance to Umbarada
Bazar L.I.S.& Suasin M.I. Tank
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. १९०९/तांशा/
उंबर्डा बाजार/मजनिप्रा/२००८ दिनांक २८/११/२००८
२) मु.अ. (वि.प्र.) जलसंपदा विभाग, अमरावती यांचे पत्र क्र. २०६०/तांशा/
स्वासीन/मजनिप्रा/२००८ दिनांक १०/१२/२००८

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;

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 following Projects, in Godavari basin in Amravati Division were received for clearance by MWRRA under above mentioned Section of the Act, vide above Reference.

- 2 -

- (a) Umbarada Bazar L.I.S. (Medium), Taluka Karanja, District Washim
- (b) Suasin M.I. Tank, Taluka Mangrulpir, District Washim

3.00 (i) Umbarada Bazar L.I.S. and Suasin M.I. Tank is in the catchment of an ongoing Adan project (Medium) and have been cleared by CE (SP), WRD, Amravati 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 Study state that water available upto Adan Project at 75% dependability is 92.45 Mm³; at 50% dependability is 197.28 Mm³ & annual average is 205.16 Mm³. The total utilisation in this catchment from all projects is 121.68 Mm³ & for the new MI projects, 30.00 Mm³ water is allotted. So total water use upto Adan Project is 151.68 Mm³ & its dependability reduced to 64.56%. However vide WRD's Letter dated 18/03/2008, 69.00 Mm³ water is allotted from Adan Project for the new MI projects. So total water use upto Adan Project is 190.68 Mm³ & its dependability would be around 50.00%.

(ii) The BC ratio is more than 1.5 for Project at Sr. No. (a) & more than 1.0 for Project at Sr. No. (b). These projects are in backlog area.

(iii) The project at Sr. No. (b) is within prescribed cost norms in terms of Rs / 1000 cu.m. of Gross Storage.

(iv) 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 5,012 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 Umbarada Bazar L.I.S. and Suasin M.I. Tank 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.

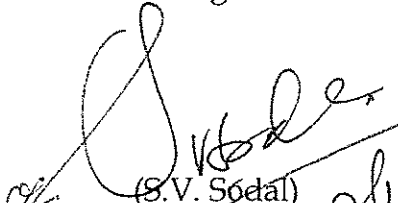
6.00 Umbarada Bazar L.I.S. (Medium) involve diversion of 5.00 ha forest land. A certificate to this effect needs to be furnished from MoEF. It is presumed that Suasin M.I. Tank does not involve diversion of forest land. A certificate to this effect needs to be furnished from concerned Forest Dept.

7.00 The MWRRA is, therefore, pleased to accord Conditional clearance to Umbarada Bazar L.I.S. and Suasin M.I. 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, environmental clearance and forest clearance.

8.00 This clearance is issued under reference No. 53 dated 02/01/2009 and is registered under MWRRA / 2008 / PRCL / VIDC / Umbarda & Suasin/ 1833 dated 02/01/2009 in the office of the Authority.

9.00 The Receipt of this Memorandum may please be acknowledged.

Encl : Abstract Sheet


(S.V. Sodal)
Secretary, MWRRA
21/10/09

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.

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(Toward SPDE)
Umbarada & Suasin.doc

Conditional Clearance by MWRRRA to Umbarada Bazar L.I.S.

Sr No	Name of Project/ Taluka/ District	Catchment Area SqKm.	Basin/ Sub-basin	Annual Utilisation Mainly for Irrigation in Mm ³	Length of Rising Main in m	PUMP				I.C.A. Ha	Cost in Lakh	B/C Ratio	Whether Project lies in Backlog in District or otherwise	Remarks
						Static Head in m	Frictional Loss in m	Total Design Head in m	Power in HP					
1	2	3	4	5	9	6	7	8	10	11	12	13	14	15
1	Umbarada Bazar L.I.S. (Medium), Taluka Karanja, District Washim	665.50	Goda vari/ Pain ganga	11.33	3,000	80.00	5.50	86.30	3 x 500	2,525	4,149.14	1.88	Yes	Water Clearance by C.E.(SP) WRD, Amravati

Conditional Clearance by MWRRRA to Suasin 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 District or otherwise	Remarks		
				Irriga- tion	Drink- ing	Indus- try								Evapo- ration	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Suasin M.I. Tank, Taluka Mangrulpir, District Washim	20.975	Goda vari/ Pain ganga	2.464	0.501	NIL	1.363	4.328	588	1,421.72	36,259	36,279	1.11	Yes	Water Clearance by C.E.(SP) WRD, Amravati