



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

महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

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File No: MWRRA/2009/PRCL/VIDC/13-6MI/299

Date : 16/07/2009

**Conditional Clearance to Nal
River (L.M.I.) Project & Lower
Sakhali (L.M.I.) Project in
Amravati District by MWRRA
under Sec.11 (f) of Act.**

- Ref : १) मु.अ. जलसंपदा विभाग, अमरावती यांचे पत्र क्र. १४६०/नल
नदी प्रकल्प/२००९ दिनांक ०६/०४/२००९
- २) मु.अ. जलसंपदा विभाग, अमरावती यांचे पत्र क्र. १८३३/प्रअ/
निम्न साखळी वृ. ल. पा./२००९ दिनांक ०५/०५/२००९
- ३) C.E. (WR) WRD, Amravati's fax-letter no.
cewrdamt/P.I./MWRRA-430/32/2009 dated
09/07/2009

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 Projects at Sr. No. (a) & (b) in Godavari basin in Amravati Division were received for clearance by MWRRA under above mentioned Section of the Act, vide above Ref no. 1 & 2.

(a) Nal River (L.M.I.) Project, Taluka Morshi, District Amravati

(b) Lower Sakhali (L.M.I.) Project, Taluka Nandgaon (Kh),
District Amravati

3.00 (i) Nal River (L.M.I.) Project has been cleared by C.E., (S.P.) WRD, Amravati for water availability of 6.45 Mm³ at 50% dependability at proposed site. This project is in the catchment of Upper Wardha Project. As per the CDO Study done for water availability of Upper Wardha Project in February 2007, the utilisation undertaken by Maharashtra is 161.604 Mm³ & present reservation for upstream utilisation for Madhya Pradesh is 156.548 Mm³ which equals 318.152 Mm³. In addition 50 Mm³ is reserved for future projects in Maharashtra. Also annual utilisation of 390.032 Mm³ is reserved for an ongoing Upper Wardha Project. So total utilisation upto Upper Wardha Project is 758.184 Mm³, which is around 50% dependable flow at Upper Wardha Project site.

(ii) Lower Sakhali (L.M.I.) Project has been cleared by CE, (SP) WRD, Amravati for water availability of 13.944 Mm³ 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 Bembla project. This study states that water available upto

Bembla Project at 75% dependability is 374.38 Mm³; at 50% dependability 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. Government vide its letter dated 27/04/2009 has allotted additional 13.94 Mm³ water for the new projects. So total water use upto Bembla Project is 514.60 Mm³ & its dependability reduced to less than 50 %.

- (iii) The BC ratio is more than 1 for Projects at Sr. No. (a) & (b). These projects are in backlog area.
- (iv) The projects at Sr. No. (a) & (b) are within prescribed cost norms in terms of Rs / 1000 cu.m. of Gross Storage.
- (v) Nal River (L.M.I.) Project & Lower Sakhali (L.M.I.) Project 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 on June 2008 is 90,280 ha in SRE. This Project has a total potential in SRE of about 3,884 ha if implemented.

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 - L.M.I. Tanks in Amravati District 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 State Level Committee as per the stipulation in the MoEF's Notification as above.

6.00 Nal River Project involves diversion of 62 ha forest land. A clearance for diversion of this forest land needs to be obtained from MoEF & no work should be initiated on this project without this approval. It is presumed that Lower Sakhali (L.M.I.) Project does not involve diversion of forest land. A certificate to this effect needs to be furnished from concerned Forest Dept.

7.00 C.E. (WR) WRD Amravati, vide Ref no. 3 stated that against balance backlog of 90,280 ha in SRE as on June 2008 in Amravati District 59,550 ha in SRE potential will be created in 3 - years i.e. till June 2011 through 43 - ongoing major, medium & minor projects. Thus to comply with Hon. Governor's directives for Annual Plan 2009 -10 that backlog should be removed preferably by 2010, new MI projects are required to be cleared for quick creation of potential.

8.00 The MWRRA is, therefore, pleased to accord Conditional clearance to these 2 - L.M.I. Tanks in Amravati District 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 & forest clearance.

9.00 This clearance is issued under reference No. 81 dated 16/07/2009 and is registered under MWRRA / 2009 / PRCL / VIDC / 13-6MI / 299 dated 16/07/2009 in the office of the Authority.

10.00 The Receipt of this Memorandum may please be acknowledged.

Encl : Abstract Sheet

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o/c
(S.V. Sodal) 16/7
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 (WR), Water Resources Department, Sinchan Seva Bhavan, Shivaji Nagar, Camp, Amravati - 444 603.

Conditional Clearance by MWRRRA to 2 – L.M.I. Tanks 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	Nal River (L.M.I.) Project, Taluka Morshi, District Amravati	51.00	Goda- vari/ Wardha	4.210	0.787		1.406	6.403	945	2,536.62	35,117	36,279	1.14	Yes	Water Clearance by C.E.(SP) WRD, Amravati
2	Lower Sakhali (L.M.I.) Project, Taluka Nandgaon (Kh), District Amravati	223.25	Goda- vari/ Wardha	9.523	1.796		2.625	13.944	1,790	3,495.00	36,256	36,279	2.00	Yes	Water Clearance by C.E.(SP) WRD, Amravati