

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

महाराष्ट्र जलसंपत्ती नियमन प्राधिकरण

9th Floor, Centre-1, World Trade Centre, Cuffe Parade, Mumbai - 400 005.
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File No: MWRRA/2008/PRCL/KIDC/Shai/1722

Date : 12/11/2008

**Clearance to the Shai River
Project (Water Supply Project)
for Thane Municipal Corp.,
Thane by MWRRA under
Section 11 (f) of the Act**

Ref : १) मु.अ. कोकण प्रदेश, यांचे पत्र क्र. २१८८/शाई/(४-०७)/तां-६/
२९०३ दिनांक १४/०५/२००८ व ३३१८ दिनांक ०५/०६/२००८

2) City Engineer, Thane Municipal Corporation,
Thane's letter No. T.M.C. /CE/376 dated
04/09/2008 and 562 dated 20/10/2008

3) Executive Engineer, T.M.C, Thane's Fax No.
T.M.C./EE/WSD/611 dated 19/09/2008

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:

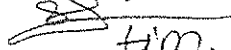
Provided that, while clearing the new water resources projects by the concerned for construction proposed by River Basin Agencies, the Authority shall ensure that Governor's Directives issued from time to time, relating to investment priority for removal of regional imbalance are strictly observed;

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 Shai River Project is solely a Water Supply Project proposed near village Nampada (Umberpada), Taluka Shahpur, District Thane on Shai River in North Konkan sub-basin of Konkan Region was received for clearance by MWRRRA under above mentioned Section of the Act; vide Ref No. 1.
- 3.00 (i) The project envisages construction of a dam 730 m long with gross storage of 383.776 Mm³ and live storage of 372.156 Mm³. The annual utilization for drinking and industrial water is 318.005 Mm³ and 35.41 Mm³ is the annual evaporation loss.
- (ii) The project has been cleared by C. E. (H.P.) Nashik, for water availability of 353.41 Mm³ at 100% success.
- (iii) The total private land required for submergence is 2,653 ha. 20 villages will be under submergence (13 fully and 7 partially).
- (iv) The project involves diversion of 487 ha. forest land.
- (v) The total cost of the project is Rs.452.75 Crores excluding water distribution cost of Rs.400 Crores.
- 4.00 Vide reference at Sr. No. (2) and (3), Thane Municipal Corporation has established the viability of the project of various funding options with an average water tariff of Rs. 6.50 / kilolitre of treated water.
- 5.00 The actual tariff chargeable should be reassessed on completion of the project (dam and distribution system) keeping in view annual repayment required for loan component of capital cost and annual O & M charges including interest liability. The actual average tariff should be charged from the industrial and drinking water supply users by levying appropriate tariff so that the annual revenues generated fully cover all liabilities i.e. repayment of loan, interest and O & M charges. A copy of this tariff estimation may be furnished to the Authority.
- 6.00 Since no irrigation is involved, Governor's directives relating to backlog do not apply to this project.
- 7.00 The work of Dam in river gorge portion should only be started after completion of R & R works.

- 8.00 Shai River Project involve diversion of 487 ha forest land. Approval of the Ministry of Environment and Forest may be obtained for diversion of this forest land and no work should be initiated on this project without this approval.
- 9.00 Environmental clearance is required for this project as per Notification of Ministry of Environment & Forests, Government of India, 14th September 2006. The environmental angle clearance may be obtained as per the stipulation in the MoEF's Notification as above.
- 10.00 The MWRRA is, therefore, pleased to accord clearance to this project under Section 11 (f) of the MWRRA Act as per salient features appended herewith subject to compliance of Para - 5 to 9 above.
- 11.00 This clearance is issued under reference No. 47 dated 12/11/2008 and is registered under No. MWRRA / 2007 / PRCL / KIDC / Shai / 1722 dated 12/11/2008 in the office of the Authority.
- 12.00 The Receipt of this Memorandum may please be acknowledged.


12-11-08


G.M. 4.55

Encl : Abstract Sheet


o/c (S.V. Sodal)
Secretary, MWRRA

Copy forwarded to :


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- 1) Secretary (WR), WRD, Mantralaya, Mumbai.
- 2) Executive Director, Konkan Irrigation Development Corporation, Sinchan Bhavan, 2nd Floor, Kopri Colony, Thane (E) - 400 063.
- 3) Chief Engineer, Water Resources Department, Konkan Pradesh, Hong-Cong Building, 4th Floor, Hutatma Chowk, Mumbai - 400 023.
- 4) City Engineer, Thane Municipal Corporation, Mahanagar Palika Bhavan, Dr. Alameda Road, Chandanwadi, Pachpakhadi, Thane - 400602.

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Clearance by MWRRRA to Shai River Project for Thane Municipal Corporation, Thane

Name of Project/ Taluka/ District	Catchment Area Sq Km.	Basin/ Sub-basin	Annual Utilisation in Mm ³				Length of Earthen Dam	Spillway Section	Cost of Project in Lakhs	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	13	14
Shai River Project, Taluka Shahpur, District Thane	188.40	West Flowing River / North Konkan	Nill	318.00	Nill	35.41	353.41	730 m with outlet having 2 gates of 1.8m X 2.1m	70 m. in length on right Side has 5 gates of 12m.X 5 m.	45,275.57	No	1. Water Clearance by CE, HP, Nashik 2. The Scope of Project is to supply water to Thane Municipal Corp.