



# MAHARASHTRA WATER RESOURCES REGULATORY AUTHORITY

## ANNUAL REPORT

### 2006 — 07



Beneficiaries of M. I. Tank at Benikre, Taluka Kagal, District Kolhapur (One of the Six Pilot Projects)



Shri Ajit Nimbalkar, Chairman, MWRRA taking oath of secrecy on 18-8-2005 in the presence of Hon'ble Shri Ajit Pawar, Minister of Water Resources, Hon'ble Shri Ram Raje Nimbalkar, Minister of Water Resources, (Maharashtra Krishna Valley Development Corporation) and Shri R.M.Premkumar, the then Chief Secretary are also present



Chairman and Secretary of MWRRA inspecting Cut-Throat-Flume arrangement for M. I. Tank at Benikre, Taluka Kagal, District Kolhapur (One of the Six Pilot Project) along with Beneficiaries

**MAHARASHTRA WATER RESOURCES REGULATORY AUTHORITY**  
**(MWRRA)**

**ANNUAL REPORT**  
**2006-07**

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**1.0. MAHARASHTRA WATER RESOURCES REGULATORY AUTHORITY, ACT 2005**

- 1.1. The Government of Maharashtra enacted the Maharashtra Water Resources Regulatory Authority Act in the year 2005. The Act, which was gazetted on 4th May 2005, provides for the establishment of the Maharashtra Water Resources Regulatory Authority (MWRRA) to regulate water resources within the State of Maharashtra, facilitate and ensure judicious, equitable and sustainable management, allocation and utilisation of water resources, fix the rates for use of water for agriculture, industrial, drinking and other purposes, and matters connected therewith or incidental thereto. Vide notification dated 8th June 2005, the State Government directed that the said Act shall come into force on that date, vesting all powers under the various sections of the Act with the Authority.
- 1.2. Maharashtra is the first State in the country to set up a Water Regulatory Authority. The powers, duties, functions of the Authority, as enumerated in Section 11 of the Act, are
- (a) To determine the distribution of Entitlements for various categories of uses and the equitable distribution of Entitlements of water within each category of use on such terms and conditions as may be prescribed;
  - (b) To enforce the decisions or orders issued under this Act;
  - (c) To determine the priority of equitable distribution of water available at the water resources projects, sub-basin and river basin levels during periods of scarcity.
  - (d) To establish a water tariff system and to fix the criteria for water charges at sub-basin, river basin and State level after ascertaining the views of the beneficiary public, based on the principle that the water charges shall reflect the full recovery of the cost of the irrigation management, administration, operation and maintenance of water resources projects;
  - (e) To administer and manage inter State water resources apportionment on river systems of the State.

- (f) To support and aid the enhancement and preservation of water quality within the State in close coordination with the relevant State agencies.
  - (g) 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 the integrated State Water plan.
- 1.3. The Authority has been vested by the Act with special powers for removal of irrigation backlog as per the Governor's Directive. This responsibility is to be exercised while clearing new projects by ensuring that the manpower available with the Water Resources Department of the Government is used for survey, planning and detailed design of the projects in backlog affected areas and new projects are available for construction in time for removal of backlog. The Authority is also required to ensure that the funds made available to drought prone districts are spent preferably in areas where irrigation facilities are lesser than in other areas of that district.

**2.0. ORGANISATION SACTIONED FOR THE AUTHORITY :**

- 2.1. The Authority consists of a Chairperson and two other Members to be appointed by the Governor on the recommendation of Selection Committees whose constitutions are prescribed in the Act. The Chairperson shall be a person who is or who was of the rank of Chief Secretary or equivalent thereto. One Member shall be an expert in the field of water resources engineering and the other an expert in the field of water resources economy.
- 2.2. For assisting the Authority in taking policy decisions, the Act provides for the appointment of five Special Invitees, one from each River Basin Agency area, who have adequate knowledge, experience or proven capacity in dealing with the problems relating to engineering, agriculture, drinking water, industry, law, economics, commerce, finance or management.

- 2.3. Vide notification dated 12th August 2005, the State Government appointed Shri Ajit Nimbalkar, former Chief Secretary of Maharashtra, as Chairperson of the Authority. Shri Nimbalkar took charge on 17th August 2005.
- 2.4. Vide order dated 9th November 2005, the State Government sanctioned 38 posts in various grades on regular and contract strength to assist the Authority. The posts are

Sr. No.	Designation of the post	Sanctioned strength		Scale of pay
		Regular	Contract	
1.	Secretary	1	-	18400-500-22400
2.	Senior Director	1	-	16400-450-20900
3.	Director	2	-	12000-375-16500
4.	Finance & Administrative Officer	1	-	12000-375-16500
5.	Deputy Director	1	2	10650-325-15850
6.	Assistant Director	3	2	8000-275-13500
7.	Personal Assistant	3	-	10000-325-15200
8.	Stenographer (SG)	1	1	7450-225-11500
9.	Desk Officer	1	3	6500-200-10500
10.	Stenographer	-	2	6500-200-10500
11.	Asst. Accounts Officer	-	1	6500-200-10500
12.	Cashier	-	1	3050-75-3590-80-4590
13.	Receptionist	1	-	3050-75-3590-80-4590
14.	Driver	3	1	3050-75-3590-80-4590
15.	Peon	-	7	2550-55-2660-60-3220
		18	20	

Posts sanctioned on regular basis are also operated on contract basis as per need.

### **3.0. ACTIVITIES IN 2005-06**

- 3.1. During the period August 2005 - March 2006, the Authority was engaged in
- i. locating and refurbishing office accommodation
  - ii. recruiting skeleton staff
  - iii. obtaining funds from the Water Resources Department for its various activities
- 3.2. The office accommodation was fixed up in March 2006 at the 9th floor of World Trade Centre by temporarily leasing the premises for 22 months from SICOM, the original lease holder and the Authority started functioning from the new premises from April 2006. Steps are being taken to transfer the lease rights in the name of the Authority on a permanent basis.
- 3.3. Since the office premises were not in use for about 5 years, the Authority was required to get refurbishment done before it could be occupied. The refurbishment works covered dismantling of walls, flooring, plastering, painting, panelling, false ceiling, electrification, air conditioning including provision of ducts, lighting, construction of cabins / cubicles, furniture etc. The total estimated cost is Rs. 1.16 crores.
- 3.4. The Authority in collaboration with the Yashwantrao Chavan Academy of Development Administration (Yashada) conducted two Awareness Workshops on the subject "Perspectives of Water Supply, Conservation, Management and Regulation'. The first workshop was conducted at Mumbai on 30th January 2006. Senior officers of various State Government departments attended. The second workshop was held at Pune on 3rd March 2006. This was inaugurated by Hon'ble Shri Ajit Pawar, Minister for Water Resources and was attended by Chairman, MWRRA, Director General, YASHADA, Principal Secretary (WSS) & Secretary, CAD and well known NGOs, ex-Secretaries and experts in field of water resources. Chairman, MWRRA explained the objectives, duties and functions of the Authority. Hon'ble Shri Ramraje Nimbalkar, Minister for Water Resources (Krishna Valley) graced the Valedictory function.

3.5. WALMI, also conducted an awareness workshop for the Senior Officers of the WRD on reforms on 22<sup>nd</sup> July 2006. Secretary, MWRRA made a presentation in this workshop on the various proforma proposed to be used for enforcing Entitlements.

3.6. The following 8 posts were filled in 2005-06

Sr. No.	Name of post	Mode of filling	Date	
			From	To (date of vacancy)
1.	Finance & Administrative Officer	Deputation	1-3-2006	-
2.	Deputy Director	Contract	1-12-2005	31-8-2006
3.	Personal Assistant	Deputation	28-9-2005	31-1-2006
4.	Personal Assistant	Contract	1-12-2005	-
5.	Stenographer (SG)	Contract	1-2-2006	-
6.	Desk Officer	Contract	21-12-2005	
7.	Peon	Contract	1-9-2005	28-2-2006
8.	Peon	Contract	1-3-2006	-

#### **4.0. RECRUITMENTS / APPOINTMENTS IN 2006-07**

4.1. The following appointments were made at the senior level during 2006-07.

- (i) Shri S.V. Sodal as Secretary on contract basis on 18th May 2006
- (ii) Shri A. Sekhar as Member (WR Engineering) on 2<sup>nd</sup> August 2006
- (iii) Shri A.K.D. Jadhav as Member (WR Economics) on 16<sup>th</sup> March 2007

4.2. Besides, the following 13 posts were filled in addition to the strength as on 31st March 2007

Sr. No.	Name of post	Mode of filling	Date	
			From	To (date of vacancy)
1.	Director (Entitlement) (by elevation of incumbent in Dy. Dir. post)	Contract	1-9-2006	-
2.	Stenographer (against post of PA)	Contract	1-8-2006	-
3.	Asstt. Director (EER)	Contract	1-6-2006	-
4.	Asstt. Director (Tariff)	Contract Regular	2-9-2006 1-1-2007	1-1-2007
5.	Asstt. Director (Planning)	Contract	4-9-2006	3-2-2007
6.	Desk Officer	Contract	7-9-2006	-
7.	Stenographer (SG)	Deputation	1-10-2006	-
8.	Asstt. Accounts Officer	Contract	8-9-2006	30-11-2006
9.	Typist (against post of Stenographer)	Contract	12-2-2007	-
10.	Accounts Clerk (against post of AAO)	Contract	9 -1-2007	-
11.	Receptionist	Contract	1-3-2007	-
12.	Driver	Contract	21-8-2006	-
13.	Driver	Contract	27-11-2006	-
14.	Peon	Contract	18-4-2006	

- 4.3. An organisation chart of the Authority giving staff in position upto level of Asst. Directors as on 31st March 2007 is enclosed as Annexure-1.
- 4.4. The Authority has taken up with the State Government the matter of appointing the Special Invitees.

## **5.0. ACTIVITIES OF THE AUTHORITY IN 2006-07**

### **5.1. Entitlements :**

5.1.1. The Act defines Entitlement as any authorisation to use water for the purposes of this Act. One of the main functions of the Authority is to determine the distribution of Entitlements for various categories of use and the equitable distribution of Entitlements of water within each category of use. Keeping in view the long history of irrigation management in the Krishna valley, six pilot projects in the Krishna basin were selected by the Government for introducing the concept of Entitlement. Based on the results and experience of the pilot projects for about 2 years, the provisions in the Act and State Water Policy, it is proposed to upscale the Entitlements in the various basins of the State in a period of 6 years. The Authority has prepared detailed guidelines for determination of Entitlements and circulated them to the various field offices as a preparatory exercise for upscaling.

5.1.2. The 6 pilot projects selected are

Kukadi, Ghod	-	major
Mangi	-	medium
Wafgaon, Diwale, Benikre	-	minor

The Authority received proposals for the determination of Entitlements in the 6 pilot projects for the rabi / hot weather season starting from 15th October 2006. After checking these proposals, the same were forwarded to the project authorities by 17th November 2006 for implementation in the proformae prepared by the Authority.

5.1.3. The Entitlements could not be made operational on the ground till December 2006 due to delay in installation of measuring devices although the Water User Associations were in position. The installation of measuring devices was linked to tenders for canal rehabilitation under the World Bank aided Water Sector Improvement Project which got delayed. In Jan. 2007, measuring devices were installed in the 3 minor projects. After that these were inspected by Chairman, Member & Secretary.

5.1.4. The Authority prepared draft technical guidelines for Entitlements including detailed proformae for recording water deliveries etc. and sent

the same to WALMI for their comments. Thereafter the manual was finalised and circulated to all field Divisions & Circles involved in irrigation management. The Authority also prepared draft procedure for hearing of disputes by Primary Dispute Resolution Officer and circulated the same for comments from various offices.

- 5.1.5. The CAD Dept. had vide their order dt. 12th December 2006 appointed the concerned Chief Engineer, Superintending Engineer and Executive Engineer as Primary Dispute Resolution Officer for resolving disputes relating to delivery of water as per Entitlement in major, medium and minor projects respectively.
- 5.1.6. The Authority, on the recommendation of the CAD Dept. appointed Regulators for the 6 pilot projects for independent verification of delivery of Entitlements vide its order dt. 30th December 2006.

## **5.2. Water Tariff**

- 5.2.1. As per the Act, the Authority is required to review and revise the water charges every three years. The Authority is also required to determine the cross subsidies between various categories of use. As a preparatory exercise, the Authority undertook a literature review on the subject of water tariff and a number of studies / reports brought out by the World Bank, Planning Commission, State Government (through Irrigation Commission), Central Water Commission, National Council for Applied Economic Research, Finance Commission, Public Account Committees were accessed. Data was also requisitioned from the CAD Dept., Maharashtra Jeevan Pradhikaran, Maharashtra Industrial Development Corporation, City and Industrial Development Corporation etc. Relevant State Government orders on tariff for agriculture and non-irrigation uses and O&M norms were collected.
- 5.2.2. Further data requirements from CAD Dept. relating to establishment norms, revenue demand and collection, arrears component of revenue etc. were identified and compiled. Analyses of the data is proposed to be carried out in 2007-08 through a Consultant for which the Authority has finalised the job requirements and is making efforts through reputed institutions to identify a suitable person.

5.2.3. The Authority and the CAD Dept. have identified a few completed projects for evaluating actual O&M requirements for validating / updating State norms. These studies have been entrusted to WALMI. It is also proposed to bring out an O&M Manual by March 2008.

### **5.3. Integrated State Water Plan**

5.3.1. As per the Act, an Integrated State Water Plan is to be prepared by the State Government and got approved from the State Water Board and the State Water Council headed by the Chief Minister. The Authority is thereafter required to clear irrigation projects in conformity with the Plan from considerations of water availability, inter state issues, economic angle and removal of backlog.

5.3.2. The Authority has prepared a Technical Manual for preparation of river basin plans for use by River Basin Agencies. The Authority will assist River Basin Agencies in preparing Basin Plan.

5.3.3. The Authority prepared a draft water plan for Godavari basin and circulated it to the various departments. The Water Resources Department has been requested to finalise the report and obtain approval of the State Water Board and the Council. They have also been requested to prepare similar reports for Tapi, Krishna and west flowing rivers.

5.3.4. Pending finalisation of the water plan, Water Resources Dept. has agreed to submit projects to the Authority for clearance. A check list has also been prepared by the Authority on data requirements for clearance.

### **5.4. Ground Water Bill :**

5.4.1. A draft Bill for development and management of groundwater in the State was finalised by the Water Supply & Sanitation Department in consultation with the Authority. It is envisaged in the draft Bill that the Authority will also function as the State Ground Water Authority for implementation of the Bill / Act. The consequent modifications required in the MWRRA Act were identified.

**6.0. INFORMAL MEETINGS HELD IN THE AUTHORITY OFFICE :**

6.1. The Authority had four meetings during 2006-07 which were chaired by the Chairperson and Member (WRE) being present. The dates of the meeting and agenda discussed as below :

Date	Agenda Discussed	Important Decisions Taken
17 & 18-8-2006	Draft Regulations	Draft Regulations covering service conditions of staff of the Authority finalised for approval by State Government.
5-9-2006	Fixing of wages for contract employees	Guidelines for fixing consolidated salary of contract employees of the Authority finalised.
6-12-2006	Base paper on water tariff	Further data to be collected from CAD Dept.
2-1-2007	Action Plan for 2007-08	Action Plan finalised for inclusion in Annual Report of 2006-07.
19-1-2007	Dispute between MADC & WRD on water tariff for MIHAN project for supply from Lower Wunna project.	Detailed estimate to be called for from WRD for lining of irrigation system in Lower Wunna project to save water required by MADC.
14-2-2007	Modifications required in MWRRA Act to enable the Authority to function as State Ground Water Authority.	The amendments identified to be circulated to WRD & WSSD for comments.

7.0. **IMPORTANT MEETINGS** :

7.1. During the year 2006-07, the following important meetings were held :

Date	Chairperson of the meeting	Agenda Discussed	Important Decisions Taken
12-9-2006	Hon'ble Minister of State for Water Resources	Duties and functions of the Authority	<ul style="list-style-type: none"> <li>a) To begin with, Water Plans for Godavari &amp; Krishna will be prepared</li> <li>b) Draft Ground Water Act will be finalised after discussion with concerned Dept. &amp; Agency</li> <li>c) Regulations &amp; Rules will be processed for early approval.</li> </ul>
16-11-2006	Chairman, MWRRA	Ground water legislation for the State	<ul style="list-style-type: none"> <li>a) Revised draft ground water legislation bill will be prepared by MWRRA / GSDA based on discussions held</li> </ul>
29-12-2006	Chairman, MWRRA	Pending issues	<ul style="list-style-type: none"> <li>a) Data requirements of the Authority will be attended to on priority by all Departments &amp; Agencies</li> <li>b) State Water Plan for Godavari would be finalised for approval. Water plans for other basins would be similarly prepared.</li> <li>c) WRD would start submitting projects for clearance by the Authority.</li> <li>d) Action for transfer of lease rights to MWRRA from SICOM would be taken.</li> </ul>

**8.0. NATIONAL / INTERNATIONAL SEMINARS / CONFERENCES / TRAINING PROGRAMMES ATTENDED BY OFFICERS OF THE AUTHORITY**

8.1. During 2006-07, officers of the Authority attended the following seminars / conferences / training programmes :

Sr. No	Programme	Date	Venue	Attended by
1.	Improving Water Resources Management in India's Agriculture - Search for Effective Institutional Arrangements & Policy Frameworks.	26-6-2006 to 29-6-2006	Latrobe University, Australia	S.V. Sodal Secretary
2.	Stockholm International Water Week 2006	20-8-2006 to 26-8-2006	Stockholm	S.V. Sodal Secretary
3.	Thematic Group Discussion with World Bank Experts on addressing Vulnerability to Climate Change	1-9-2006	Secretariat Mumbai	Ajit Nimbalkar, Chairman, A. Sekhar, Member & S.V. Sodal Secretary
4.	National Workshop on Integrated Water Resources Development & Management with special emphasis on Institutional & Legal Aspects	21-9-2006 & 22-9-2006	National Water Academy, Pune	S.D. Patil, A.D. and R.S. Sodal, A.D.
5.	India Roundtable on Sustainable Consumption & Production	29-9-2006	Mumbai	A. Sekhar, Member & S.V. Sodal Secretary
6.	Regulatory Performance in India	9-11-2006 & 10-11-2006	TERI, New Delhi	Ajit Nimbalkar, Chairman and S.V. Sodal Secretary
7.	National Workshop on Improving Service Delivery in Urban Water Supply, Sanitation & Sewerage	1-2-2007 & 2-2-2007	New Delhi	S.V. Sodal, Secretary
8.	First South Asia Water Stakeholders" Roundtable	22-3-2007	New Delhi	Ajit Nimbalkar, Chairman, A. Sekhar, Member

## 9.0. ACCOUNTS, AUDIT & PROCUREMENT

- 9.1. As per the Act, the State Government is required to make available grants and advances to the Authority to enable it to perform its assigned duties and functions. The Authority is required to prepare a budget for each financial year at a prescribed time in the previous financial year showing estimated receipts and expenditure and forward it to the State Government. The Authority is also required to prepare an annual statement of accounts in the form prescribed for audit by the Accountant General.
- 9.2. The Authority, as advised, will adopt the 'Accrual' system of accounting using double entry system of book keeping instead of cash based accounting. This calls for training of staff of the Authority for which it is proposed to engage a reputed Chartered Accountant firm. The firm would do initial hand holding of the Authority for a period of 6 months to ensure smooth switch-over to the new system.
- 9.3. The budget estimate, revised estimate and actual expenditure of the Authority together with main items of expenditure for 2005-06 and 2006-07 are as under:

(In lakh Rupees)

Sr. No	Year	Budget Estimate	Revised Estimate	Actual Expenditure	Main items of expenditure
1.	2005-06	-	-	80.05	i) Refurbishment of office premises
2.	2006-07				i) Office refurbishment & rentals
	Works	59.52	67.38		ii) Staff salary
	Goods	46.84	29.48		iii) Office equipment
	Consultancy & Training	9.20	9.65		(Upto Feb. 07)
	Incremental operating costs	<u>116.22</u>	<u>117.81</u>	223.49	
		<u>231.78</u>	<u>224.32</u>		
3.	2007-08				i) Special invitees
	Goods	2.00			ii) Consultancy studies for water tariff
	Consultancy & Training	4.00			iii) Staff salary
	Incremental operating costs	<u>196.32</u>			
		<u>202.32</u>			

- 9.4. The expenditure of the Authority for financial year 2005-06 has been audited as a part of the audit of the World Bank aided Maharashtra Water Sector Improvement Project and a copy of the audit certificate is enclosed as Annexure 2.
- 9.5. The following items were procured for the Authority during 2006-07
- i. EPABX
  - ii. Multi media Projector & Lap Top
  - iii. Photo copier
  - iv. Fax
  - v. Cars (2) (one car in 2005-06)
  - vi. Computers

#### **10.0. LIBRARY**

- 10.1. The Authority has initiated the process for setting up a technical library covering the fields of engineering and economics. Several books published by reputed organisations like TERI have already been procured. The Authority is also subscribing to important domestic and foreign journals.
- 10.2. Some of the important books procured are
1. Criteria for Fixation of Water Rates and Selection of Irrigation Project (1959) (NCAER Report)
  2. Report of the Maharashtra State Irrigation Commission (1962) (Barve Committee)
  3. Report of the Committee on Pricing of Irrigation Water (1992) (Vaidyanathan Committee)
  4. Report of the Maharashtra Jal and Sinchan Aayog (1999) (Chitale Commission)
  5. Pricing Irrigation Water - a Literature Survey Report (2000) (Johansion)
  6. Economics & Valuation of Water Resources in Agriculture (2004) (F.A.O. Report 27)
  7. Reports of the Commission for Agricultural Costs & Prices (2005-06)
  8. India's Water Economy - Bracing for a Turbulent Future (2006) (John Briscoe & R.P.S. Malik)

9. Handbook of Water Resources in India (2007) (John Bnscoe and RPS Malik)
10. Human Development Report - "Beyond Scarcity - Power, Poverty and the Global Water Crisis" (2006) (UNDP).
11. India's Water Resources - Contemporary Issues on Irrigation (2006) – Shri A. Vaidyanathan.

**11.0. IRRIGATION BACKLOG :**

- 11.1. The Irrigation backlog of each district as of June 2006 based on State average 'rabi' equivalent irrigation potential as furnished by the Water Resources Department and as required to be included in the Annual Report under Section 20 (b) of the Act is at Annexure 4. The physical and financial pictures are as under

<b>Item</b>	<b>As in June 2006</b>
State Average creation of potential (%)	50.52
Irrigation backlog in '000' ha in SRE	1840.13
Backlog amount (Rs. crore)	14805.67
No. of backlog districts	23

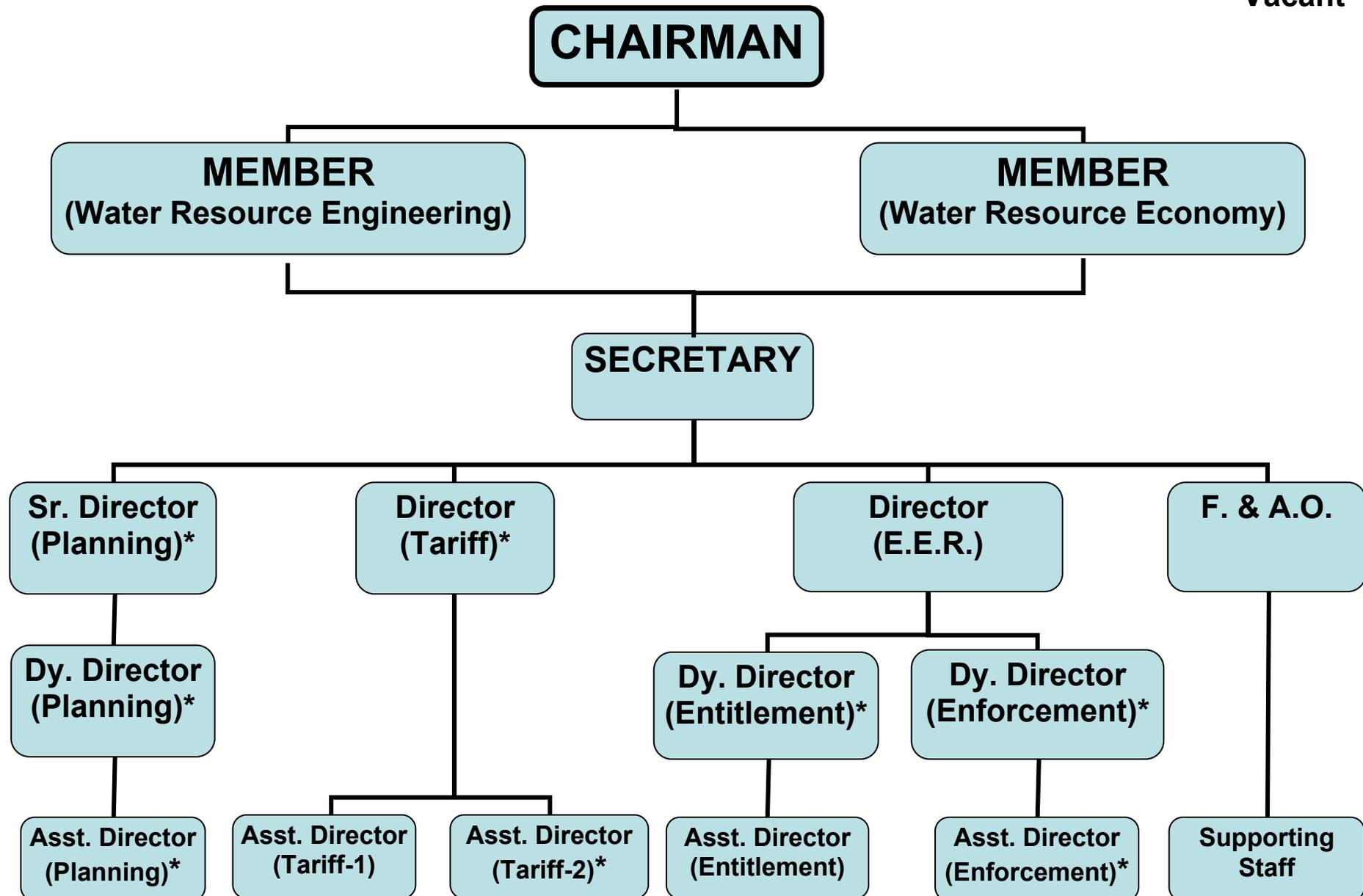
- 11.2 The districtwise and regionwise expenditure in the Irrigation Sector in 2005-06 and cumulative expenditure are at Annexure 5 & 6.

**12.0. ACTION PLAN 2007-08**

- 12.1. The proposed Action Plan of the Authority for 2007-08 is at Annexure 3.

# ORGANOGRAM

\* – Vacant



## Annexure - 2



No. EAP/CA(CELL)/WB/IN/WSIP/AC/2005-06/ 583

फैक्स/Fax 2203 3018  
टेलिक्स/Telex 2581, 22034916  
दूरध्वनी/Telephone 22037507, 22082558  
तार का पता राज्य लेखापरीक्षा  
Telegraphic Address Rajya Audit

भारतीय लेखा तथा लेखापरीक्षा विभाग  
प्रधान महालेखाकार (लेखापरीक्षा) 1, महाराष्ट्र  
INDIAN AUDIT AND ACCOUNTS DEPARTMENT  
PRINCIPAL ACCOUNTANT GENERAL  
(AUDIT) 1, MAHARASHTRA  
दिनांक/Date 29/9/06

To  
The Superintending Engineer,  
Project Preparation & Management Unit,  
Water Resources Department,  
Mantralaya,  
Mumbai - 400 032

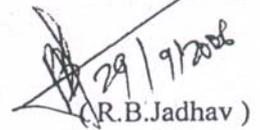
Sub: Issue of audit certificate in respect of World Bank assisted Maharashtra Water Sector Improvement Project for the year 2005-06.

Sir,

Please find enclosed the Audit Certificate alongwith the Annexures 'A', 'B' and 'C' & Audit Opinion in respect of World Bank assisted Maharashtra Water Sector Improvement Project – Loan No.4796-IN for the year 2005-06 for Rs. Rs.1,62,07,971/- (Rupees One crore sixty two lakh seven thousand nine hundred and seventy one only) ie. 162.08 lakhs.

Kindly acknowledge the receipt of the Audit Certificate.

Yours faithfully,

  
(R.B. Jadhav)

Sr. Dy. Accountant General/Admn

Encl: Audit certificate alongwith  
annexures 'A' 'B' & 'C' and  
Audit Opinion



फैक्स/Fax 2203 3018  
 टेलिफैक्स/Telex 2581, -22034916  
 दूरध्वनी/Telephone 22037507, 22082558  
 तार का पता राज्य लेखापरीक्षा  
 Telegraphic Address Rajya Audit

No.EAP/CACell/WBA/AG/2005-6/MWSIP/

भारतीय लेखा तथा लेखापरीक्षा विभाग  
 प्रधान महालेखाकार (लेखापरीक्षा) 1, महाराष्ट्र  
 INDIAN AUDIT AND ACCOUNTS DEPARTMENT  
 PRINCIPAL ACCOUNTANT GENERAL  
 (AUDIT) 1, MAHARASHTRA

दिनांक/Date

### AUDIT CERTIFICATE

The Expenditure Statements/Financial Statements relating to the World Bank assisted Maharashtra Water Sector Improvement Project – Loan No.4796-IN for the year 2005-06 attached hereto have been audited in accordance with the regulations and standards of audit of the Comptroller and Auditor General of India and accordingly included such tests of accounting records, internal checks and controls, and other auditing procedures necessary to confirm.

- That the resources were used for the purposes of the project, and,
- That the expenditure statements/financial statements are correct.

During the course of the audit referred to above, statements of expenditure of Rs.1,62,07,971/- (Rupees One crore sixty two lakh seven thousand nine hundred and seventy one only) and the connected documents were examined and these can be relied upon to support reimbursement under the aforesaid loan/credit agreement.

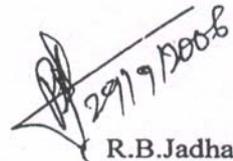
On the basis of the information and explanations that have been obtained as required and according to the best of our information as a result of the test audit, it is certified that the Expenditure Statements/Financial Statements represent a true and fair view of the implementation (and Operations) of the project for the year 2005-06.

Statement of Expenditure incurred on the Project for Rs. 162,07,971/- (Rupees One crore sixty two lakh seven thousand nine hundred and seventy one only) is shown in Annexure 'A'.

An amount of Rs. 37,68,000/- held under objection as a result of local audit, is shown in Annexure 'B'.

Details of claim applications in respect of the above project is shown in Annexure 'C'.

This Certificate is issued without prejudice to the Comptroller and Auditor General's right to incorporate any further detailed audit observations if and when made in the Report of the Comptroller and Auditor General of India for being laid before Parliament/State Legislature.

Handwritten signature and date: 29/9/2006

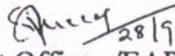
( R.B.Jadhav )  
Sr. Deputy Accountant General/Admn

Mumbai  
Dated: 28<sup>th</sup> September, 2006.

**Annexure A**

Expenditure incurred for the year 2005-06 in respect of World Bank assisted Maharashtra Water Sector Improvement Project.

Sr.No.	Name of the Office	Amount of expenditure incurred on the Project (in Rupees)
01	Office of the Accountant General (Audit) I, Maharashtra, Mumbai.	1,26,15000/-
02	Office of the Accountant General (Audit) II, Nagpur	35,92,971/-
	Total	1,62,07,971/-

  
Sr. Audit Officer /EAP/CA (Cell)

**Annexure 'B'**

Details of amount held under objection, on account of money value paras as a result of local audit in respect of World Bank assisted Maharashtra Water Sector Improvement Project. For the year 2005-06.

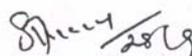
Sr.No.	Name of the Office	Amount in Rupees
01.	Office of the Pr. Accountant General(Audit)I, Maharashtra, Mumbai	30, 64,000 (copy enclosed)
02.	Office of the Accountant General (Audit) II, Nagpur	7,04,000 (copy enclosed)
	<b>Total</b>	37,68,000

*[Signature]*  
Sr. Audit Officer/EAP/CA (Cell)

**Annexure 'c'**

Details of claim applications in respect of statement of expenditure in respect of World Bank assisted Maharashtra Water Sector Improvement Project- Loan No.4796-IN for the year 2005-06 .

Sr.No..	<i>Claim application No.&amp; date</i>	<i>Amount claimed for reimbursement</i> <i>(in Millions)</i>
01	1/ 15-02-2006 1/10/05 to 31/01/06	7.218
02	2/ 20-02-2006 1/10/05 to 31/1/06	3.035
03	3/ 4-5-06 1/02/06 to 28/02/06	1.238
TOTAL		11.491

  
Sr. Audit Officer/EAP/CA(Cell)

फैक्स : 2203 3018  
 टेलीफोन : 2581  
 टेलीग्राम : 22034918  
 टेलीफोन : 22037507  
 टेलीफोन : 22082558  
 टेलीग्राम : राज्य लेखापरीक्षा  
 टेलीग्राम : Rajya Audit  
 टेलीग्राम : Address



सत्यमेव जयते

क्र०  
No.

भारतीय लेखा तथा लेखापरीक्षा विभाग  
 प्रधान महालेखाकार (लेखापरीक्षा) 1, महाराष्ट्र  
 INDIAN AUDIT AND ACCOUNTS DEPARTMENT  
 PRINCIPAL ACCOUNTANT GENERAL  
 (AUDIT) I, MAHARASHTRA

दिनांक/Date

## AUDIT OPINION

### Introductory Paragraph

We have audited the accompanying financial statements of the Maharashtra Water Sector Improvement Project (financed under World Bank Loan No. 4796-IN as of March, 2006) for the year 2005-06 then ended. Our responsibility is to express an opinion on these financial statements based on our audit.

### Scope Paragraph

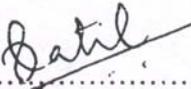
We conducted our audit in accordance with regulation and standards of audit of the Comptroller and Auditor General of India. Those Standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts, internal checks & controls and disclosures in the financial statement. An audit also includes assessing the accounting principles used and significant estimates made by managements, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

### Opinion Paragraph

In our opinion, the financial statements give a true and fair view of the Sources and Application of Funds and financial position of Maharashtra Water Sector Improvement Project for the year ended 31<sup>st</sup> March, 2006, in accordance with consistently applied Government Accounting Standards.

In addition, (a) with respect to SOE, adequate supporting documents has been maintained to support claims to the World Bank for reimbursements of expenditures incurred; and (b) which expenditures are eligible for financing under the Loan/Credit Agreement (Ln. IDA Cr. No. 4796-IN). During the course of the audit referred to above, Statement of Expenditures (Application Nos. Nil for an amount of) and the connected documents were examined and these can be relied upon to support reimbursement under the Loan agreement.

This certificate is issued without prejudice to Comptroller & Auditor General's right to incorporate any further/detailed audit observation if and when made in the Report of Comptroller & Auditor General of India for being laid before Parliament/State Legislature.

  
(.....)  
Name & Designation D.K. PATIL.  
SR. AUDIT OFFICER

(Date: 29.08.2006 )

# M.W.R.R.A.

# Annexure - 3

## ACTION PLAN FOR 2007-08

Sr. No	ACTIVITY	MONTH												REMARKS
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
1	<b>ENTITLEMENT</b>													
	a. Review of Rabi / Hot Weather 2006 Entitlement			↔										
	b. Implementation of Entitlement for six pilot projects for 2007-08 (a) Determination of Entitlement (i) Kharif (ii) Rabi / H.W.  (b) Enforcement & Regulation		↔				↔							
2	<b>INTEGRATED STATE WATER PLAN</b>													
	a. State Water Board clearance for the Godavari Plan						↔							
	b. Preparation of draft plans for (a) Tapi (b) Krishna (c) West Flowing (Thane, Raigad) (d) West Flowing (Ratnagiri, Sindhudurg)	↔		↔			↔				↔			
	c. Clearance of projects													
		↔												Continuous activity

**ACTION PLAN FOR 2007-08**

Sr. No	ACTIVITY	MONTH												REMARKS
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
<b>3</b>	<b>WATER TARIFF</b>													
a.	Appointment of Consultant & Consultancy study	←————→												
b.	Studies on select projects to finalise O & M norms			←————→										
<b>4</b>	<b>ANNUAL REPORT 2006-07</b>	←→												
<b>5</b>	<b>BUDGET</b>													
a.	Review of 2006-07	←→												
b.	Proposals for 2008-09						←→							
<b>6</b>	<b>LIBRARY</b>													
	Procurement of books	←————→												Continuous activity
<b>7</b>	<b>DOCUMENTATION / AUDIO VISUAL PRESENTATION</b>													
	(New & Updating)	←————→												Continuous activity
<b>8</b>	<b>FILLING OF POSTS</b>	←————→												Continuous activity
<b>9</b>	<b>TRAINING OF OFFICERS &amp; STAFF</b>	←————→												Continuous activity

**DISTRICTWISE BACKLOG (CONSIDERING NEWLY CREATED DISTRICTS SEPARATELY)  
AS PER POTENTIAL CREATED BY JUNE 2006 AND ADOPTING SRE FACTORS AS PER I&B COMMITTEE.  
(STATE AVERAGE OF 50.52%)**

(Area in '000' ha.)

Rs. in Crores

Sr. No.	District	Net sown area '000' Hect.	Potential Created in June 2006 in S.R.E.			Percentage of Created Potential w.r.t. col 3	Irrigation Backlog '000' Hect. In S.R.E.	Backlog amount @ ₹ Rs. 80,000 per ha.
			S.S.	L.S.	TOTAL			
1	2	3	4	5	6	7	8	9
1	Mumbai							
2	Mumbai Sub Urban							
3	Thane	289.80	149.61	12.96	162.58	56.10	Nil	
4	Raigadh	188.60	75.41	9.29	84.70	44.91	10.57	84.56
5	Ratnagiri	247.00	44.89	10.17	55.05	22.29	69.73	557.88
6	Sindhudurg	153.00	27.77	18.15	45.92	30.01	31.37	250.96
	<b>Konkan Dn</b>	<b>878.40</b>	<b>297.68</b>	<b>50.57</b>	<b>348.25</b>	<b>39.65</b>	<b>101.10</b>	<b>893.40</b>
	<b>Konkan Excluding BM.</b>	<b>878.40</b>	<b>297.68</b>	<b>50.57</b>	<b>348.25</b>	<b>39.65</b>	<b>101.10</b>	<b>893.40</b>
7	Nasik	896.80	305.37	78.05	383.42	42.75	69.62	556.96
8	Dhule	446.81	130.04	49.91	179.95	40.27	45.77	366.16
9	Nandurbar	286.09	71.20	18.85	90.05	31.48	54.48	435.86
10	Jalgaon	852.30	357.96	37.53	395.49	46.40	35.07	280.56
11	Ahmadnagar	1175.90	621.50	84.68	706.18	60.05	Nil	
	<b>Nasik Dn</b>	<b>3657.90</b>	<b>1486.07</b>	<b>269.02</b>	<b>1755.09</b>	<b>47.98</b>	<b>204.94</b>	<b>1639.54</b>
12	Pune	981.50	631.28	61.88	693.16	70.62	Nil	
13	Satara	584.60	402.30	67.72	470.02	80.40	Nil	
14	Sangli	592.80	559.77	40.44	600.21	101.25	Nil	
15	Solapur	1085.80	610.06	71.74	681.80	62.79	Nil	
16	Kolhapur	418.30	902.44	26.46	928.90	222.07	Nil	
	<b>Pune Dn</b>	<b>3663.00</b>	<b>3105.86</b>	<b>268.24</b>	<b>3374.09</b>	<b>92.11</b>	<b>0.00</b>	<b>0.00</b>
	<b>Rest of Mah.</b>	<b>8199.30</b>	<b>4889.61</b>	<b>587.83</b>	<b>5477.43</b>	<b>66.80</b>	<b>306.04</b>	<b>2532.94</b>
	<b>Rest of Ex. BM</b>	<b>8199.30</b>	<b>4889.61</b>	<b>587.83</b>	<b>5477.43</b>	<b>66.80</b>	<b>306.04</b>	<b>2532.94</b>
17	Aurangabad	702.00	148.57	74.04	222.61	31.71	132.03	1056.24
18	Jalna	609.20	131.35	47.20	178.55	29.31	129.20	1033.60
19	Parabhani	502.60	305.98	5.22	311.20	61.92	Nil	
20	Hingoli	347.30	91.30	4.94	96.24	27.71	79.21	633.68
21	Beed	828.60	282.79	79.08	361.87	43.67	56.72	453.76
22	Nanded	728.30	327.32	23.10	350.42	48.11	17.50	140.00
23	Osmababd	536.10	164.51	72.28	236.79	44.17	34.04	272.32
24	Latur	501.80	156.55	45.73	202.28	40.31	51.22	409.76
	<b>Marathwada Dn</b>	<b>4755.90</b>	<b>1608.37</b>	<b>351.59</b>	<b>1959.96</b>	<b>41.21</b>	<b>499.92</b>	<b>3999.36</b>
25	Buldhana	701.50	123.24	25.56	148.80	21.21	205.58	1644.64
26	Akola	435.00	85.87	8.83	94.70	21.77	125.05	1000.40
27	Washim	392.10	60.32	18.42	78.74	20.08	119.34	954.72
28	Amravati	751.10	132.43	23.54	155.97	20.77	223.47	1787.76
29	Yeotmal	857.90	220.01	29.52	249.53	29.09	183.86	1470.88
	<b>Amravati Dn</b>	<b>3137.60</b>	<b>621.88</b>	<b>105.87</b>	<b>727.74</b>	<b>23.19</b>	<b>857.30</b>	<b>6858.40</b>
30	Wardha	381.00	119.82	10.63	130.45	34.24	62.03	496.25
31	Nagpur	554.00	218.96	37.63	256.59	46.32	23.28	186.24
32	Bhandara	180.49	119.36	33.19	152.55	84.52	Nil	
33	Gondia	190.81	142.53	33.98	176.51	92.51	Nil	
34	Chandrapur	474.40	89.18	63.49	152.67	32.18	86.99	695.92
35	Gadchiroli	188.50	59.47	31.19	90.66	48.10	4.57	36.56
	<b>Nagpur Dn</b>	<b>1969.20</b>	<b>749.31</b>	<b>210.11</b>	<b>959.43</b>	<b>48.72</b>	<b>176.86</b>	<b>1414.97</b>
	<b>Vidarbha</b>	<b>5106.80</b>	<b>1371.19</b>	<b>315.98</b>	<b>1687.17</b>	<b>33.04</b>	<b>1034.17</b>	<b>8273.37</b>
	<b>Maharashtra</b>	<b>18062.00</b>	<b>7869.17</b>	<b>1255.40</b>	<b>9124.56</b>	<b>50.52</b>	<b>1840.13</b>	<b>14805.67</b>
	<b>Irrigation Backlog = (50.52 – % of Created Potential w.r.t. Net sown area) x net sown area / 100</b>							

■ = Cost per hectore of Rs. 80,000 is the cost for Rabi Equivalent Area

## District wise expenditure during 2005-06 up to March 2006 on Irrigation Sector

Rs. In Crore

Sr. No.	District	Year 2005-06 Original Grants Proposed	MKVDC	VIDC	TIDC	KIDC	GMIDC	SE (CADA) Nasik	CE (KR) Mumbai	CE Nagpur	Expenditure incurred during 2005-06 (1.4.2005 to 31.3.2006)	Scarcity Funds Expenditure	Expenditure Incl. Scarcity incurred during Year 2005-06 (1/4/2005 to 31/3/2006)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	<b>MKVDC</b>												
1	Pune	1.7512	264.1900								264.1900	118.2200	382.4100
2	Satara	0.8969	174.4200								174.4200	113.2200	287.6400
3	Sangli	0.8372	21.9900								21.9900	200.5500	222.5400
4	Solapur	1.8443	24.0700								24.0700	27.5600	51.6300
5	Kolhapur	0.7880	68.9300								68.9300	0.0000	68.9300
6	Ahmadnagar (Partly)	0.6462	6.1600								6.1600	1.6700	7.8300
7	Osmanabad (Partly)	23.1133	24.4000								24.4700	15.3300	39.8000
8	Beed (Partly)	2.2524	2.5200								2.5200	1.3800	3.9000
	Pay		136.8900								136.8900		136.8900
	Total (MKVDC)	32.1295	723.5700	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	723.6400	477.9300	1201.5700
	<b>GMIDC</b>												
9	Aurangabad	38.6725					127.9353				127.9353	7.6112	135.5465
10	Jalna	87.9141					98.0138				98.0138	0.3933	98.4071
11	Parbhani	8.2842					31.2201				31.2201		31.2201
12	Hingoli												
	Beed (Partly)	17.0573					61.6422				61.6422	10.7864	72.4286
13	Nanded	2.4547					149.7368				149.7368	0.0000	149.7368
	Osmanabad (Partly)	14.7442					21.0392				21.0392	19.9011	40.9403
14	Latur	20.3159					81.6228				81.6228	0.5467	82.1695
15	Nasik (Partly)	0.7507					38.1639				38.1639	0.0000	38.1639
	Ahmadnagar (Partly)	1.0931					117.7311				117.7311	0.7739	118.5050
	Yavatmal	5.0000					10.4851				10.4851	0.0000	10.4851
	M&R						11.1161				11.1161		11.1161
	Establishment						101.5435				101.5435		101.5435
	Total (GMIDC)	196.2867	0.0000	0.0000	0.0000	0.0000	850.2499	0.0000	0.0000	0.0000	850.2499	40.0126	890.2625

Rs. In Crore

Sr. No.	District	Year 2005-06 Original Grants Proposed	MKVDC	VIDC	TIDC	KIDC	GMIDC	SE (CADA) Nasik	CE (KR) Mumbai	CE Nagpur	Expenditure incurred during 2005-06 (1.4.2005 to 31.3.2006)	Scarcity Funds Expenditure	Expenditure Incl. Scarcity incurred during Year 2005-06 (1/4/2005 to 31/3/2006)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	<b>VIDC Govt.</b>												
16	Buldhana	105.9816		97.6100						1.4390	99.0490		99.0490
17	Akola	90.3012		35.8300						15.4732	51.3032		51.3032
18	Vashim												
19	Amravati	118.2941		81.0500						32.7362	113.7862		113.7862
20	Yavatmal	34.6285		122.7400						9.9359	132.6759		132.6759
	Amravati Region	349.2054	0.0000	337.2300	0.0000	0.0000	0.0000	0.0000	0.0000	59.5843	396.8143	0.0000	396.8143
21	Wardha	22.6825		153.7500						4.8855	158.6355		158.6355
22	Nagpur	14.3868		76.5300						10.3673	86.8973		86.8973
23	Bhandara	6.9581		258.0900						17.8293	275.9193		275.9193
24	Gondiya												
25	Chandrapur	0.4930		285.0600						11.3880	296.4480		296.4480
26	Gadchiroli	5.1619		0.3000						1.4180	1.7180		1.7180
	Nagpur Region	49.6823	0.0000	773.7300	0.0000	0.0000	0.0000	0.0000	0.0000	45.8881	819.6181	0.0000	819.6181
	Revenue & Forest Dept.	5.0000									0.0000		0.0000
	Extension & Improvement	4.0000								1.5264	1.5264		1.5264
	Total Suspense			104.3000							104.3000		104.3000
	M&R			1.1600							1.1600		1.1600
	Miscellaneous			6.6000						7.8267	14.4267		14.4267
	Lump sum	4.0000									0.0000		0.0000
	Total VIDC Govt.	411.8877	0.0000	1223.0200	0.0000	0.0000	0.0000	0.0000	0.0000	114.8255	1337.8455	0.0000	1337.8455
	<b>TIDC</b>												
	Nasik (Partly)	0.4055			7.9013						7.9013	1.6688	9.5701
27	Dhule	1.5673			87.2912						87.2912	0.0000	87.2912
28	Nandurbar												
29	Jalgaon	1.2810			117.1195						117.1195	0.0000	117.1195
	Total TIDC	3.2538	0.0000	0.0000	212.3120	0.0000	0.0000		0.0000	0.0000	212.3120	1.6688	213.9808

Rs. In Crore

Sr. No.	District	Year 2005-06 Original Grants Proposed	MKVDC	VIDC	TIDC	KIDC	GMIDC	SE (CADA) Nasik	CE (KR) Mumbai	CE Nagpur	Expenditure incurred during 2005-06 (1.4.2005 to 31.3.2006)	Scarcity Funds Expenditure	Expenditure Incl. Scarcity incurred during Year 2005-06 (1/4/2005 to 31/3/2006)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	<b>KIDC &amp; Govt.</b>												
30	Thane	0.3146				2.4191			42.8050		45.2241		45.2241
31	Raigad	0.1206				21.0013			6.0870		27.0883		27.0883
32	Ratnagiri	0.3435				54.2104			13.7876		67.9980		67.9980
33	Sindhudurg	0.2511				86.3595			46.4806		132.8401		132.8401
	Revenue & Forest Dept.	2.0000									0.0000		0.0000
	Extension & Improvement	0.5000									0.0000		0.0000
	Lump sum Provision					0.4937					0.4937		0.4937
	Total KIDC & Govt.	3.5300	0.0000	0.0000	0.0000	164.4840	0.0000		109.1602	0.0000	273.6442	0.0000	273.6442
	Nasik (Partly)	0.0823							13.8270		13.8270		13.8270
	Extension & Improvement	0.5000						19.2019			19.2019		19.2019
	Total	647.6700	723.6400	1223.0200	212.3120	164.4840	850.2499	19.2019	122.9872	114.8255	3430.7205	519.6114	3950.3319
	Lump sum Provision for Establishment in the name of Secy. (CADA)	45.0000									0.0000		0.0000
	Common Schemes	22.0000									16.4300		16.4300
	Total Maharashtra	714.6700									3447.1505	519.6114	3966.7619

## Districtwise distribution of available fund to the backlog unit of Irrigation Development section as per the directives Hon Governor.

Area in 1000 ha.										Rs. In Crores	
Sr. No.	District	Irrigation Backlog Rs. In Crores	Expenditure incurred during 2002-03 (1.4.2002 to 31.3.2003)	Col. No.4 * 0.35	Expenditure incurred during 2003-04 (1.4.2003 to 31.3.2004)	Col. No.6 * 0.45	Expenditure incurred during 2004-05 (1.4.2004 to 31.3.2005)	Col. No.8* 0.55	Expenditure incurred during 2005-06 (1.4.2005 to 31.3.2006)	Col. No.8* 0.65	Unremoved backlog figures
1	2	3	4	5	6	7	8	9	10	11	12
1	Mumbai City	0.00									
2	Mumbai Suburbans	0.00									
3	Thane	0.00	23.70		47.74		44.81		45.2314		
4	Raigad	0.00	12.78		27.40		16.34		27.1515		
5	Ratnagiri	79.76	64.75	22.66	56.00	25.20	43.22	23.77	68.1612	44.30	Nil
6	Sindhudurg	65.34	102.92	36.02	119.51	53.78	69.71	38.34	133.1001	86.52	Nil
	<b>Konkan Region</b>	145.10	204.15	58.68	250.65	78.98	174.07	62.11	273.6400	130.82	0.00
	<b>Konkan (Excluding Mumbai)</b>	145.10	204.15	58.68	250.65	78.98	174.07	62.11	273.6400	130.82	0.00
7	Nasik	-11.34	71.09		53.74		53.39		76.6912		
8	Dhule	65.60	91.84	32.14	37.03	16.66	50.06	27.53	87.2912	22.9800	Nil
9	Nandurbar										
10	Jalgaon	11.85	135.37	47.38	85.80	38.61	45.63	25.10	117.1195	76.13	Nil
11	Ahmednagar	22.96	123.52	43.23	147.74	66.48	135.82	74.70	154.1118	100.17	Nil
	<b>North Mah. Region, Nasik</b>	89.07	421.82	122.76	324.31	121.76	284.89	127.33	435.2137	199.28	0.00
12	Pune	-0.21	157.52		193.85		315.18		431.5779		
13	Satara	-0.69	96.54		125.56		108.07		324.6230		
14	Sangli	-5.88	101.53		130.87		139.26		251.1528		
15	Solapur	31.11	139.88	48.96	89.39	40.23	107.77	59.27	58.2683	37.87	Nil
16	Kolhapur	0.00	72.21		158.10		137.98		77.7926		Nil
	<b>Pune Region</b>	24.33	567.68	48.96	697.77	40.23	808.26	59.28	1143.4146	37.87	0.00
	Remaining Maharashtra	258.50	1193.65	230.40	1272.73	240.96	1267.23	118.55	1852.2725	75.75	0.00
	Remaining Maharashtra (Excluding Mumbai)	258.50	1193.65	230.40	1272.73	240.96	1267.23	237.1	1852.2725	151.50	0.00

## Annexure – 6

Area in 1000 ha.										Rs. In Crores	
Sr. No.	District	Irrigation Backlog Rs. In Crores	Expenditure incurred during 2002-03 (1.4.2002 to 31.3.2003)	Col. No.4 * 0.35	Expenditure incurred during 2003-04 (1.4.2003 to 31.3.2004)	Col. No.6 * 0.45	Expenditure incurred during 2004-05 (1.4.2004 to 31.3.2005)	Col. No.8* 0.55	Expenditure incurred during 2005-06 (1.4.2005 to 31.3.2006)	Col. No.8* 0.65	Unremoved backlog figures
1	2	3	4	5	6	7	8	9	10	11	12
17	Aurangabad	327.85	69.70	24.40	49.52	22.28	155.54	85.55	155.1846	100.87	94.75
18	Jalna	745.30	23.13	8.10	47.84	21.53	63.0807	34.69	112.6644	73.23	607.75
19	Parbhani	70.23	43.87	15.35	48.32	21.74	37.15	20.43	35.74	23.23	Nil
20	Hingoli										
21	Beed	163.70	36.68	12.84	41.42	18.64	98.06	53.93	87.3235	56.76	21.53
22	Nanded	20.81	58.64	20.52	57.47	25.86	55.08	30.29	171.4308	111.43	Nil
23	Osmanabad	320.94	50.25	17.59	65.75	29.59	112.84	62.06	91.7890	59.66	152.04
24	Latur	172.23	37.64	13.17	39.85	17.93	78.28	43.05	94.0743	61.15	36.92
	<b>Marathwada</b>	1821.06	319.91	111.97	350.17	157.58	600.03	330.02	748.2099		913.00
25	Buldhana	1004.52	26.78	9.37	29.16	13.12	38.11	20.96	109.0223	70.86	890.20
26	Akola	821.52	21.73	7.61	59.98	26.99	62.29	34.26	56.29	36.59	716.07
27	Vashim		10.13	3.55							
28	Amravati	1123.75	72.95	25.53	98.83	44.47	96.47	53.06	124.8645	81.16	919.52
29	Yeotmal	289.59	80.97	28.34	44.59	20.07	86.36	47.50	157.9417	102.66	91.02
	<b>Amravati</b>	3239.38	212.56	74.40	232.56	104.65	283.23	155.78	448.1179		2616.82
30	Vardha	180.42	49.21	17.22	51.04	22.97	61.32	33.73	174.5771	113.48	Nil
31	Nagpur	45.21	15.74	5.51	34.66	15.60	27.63	15.20	95.5361	62.10	Nil
32	Bhandara	6.00	26.32	9.21	51.50	23.18	71.99	39.59	303.5333	197.30	Nil
33	Gondiya		7.86	2.75							
34	Chandrapur	-71.15	41.67		75.66		68.40		326.2112	212.04	Nil
35	Gadchiroli	22.25	0.27	0.09	0.56	0.25	1.77	0.97	1.8740	1.22	19.71
	<b>Nagpur Region</b>	182.73	141.07	34.79	213.42	61.99	231.10	89.49	901.7317	586.13	19.71
	<b>Vidarbha</b>	3422.11	353.63	109.19	445.98	116.64	514.33	245.26	1349.8496	586.13	2636.54
	<b>Maharashtra</b>	5501.67	1867.19	451.55	2068.88	565.18	2381.59	693.83	3950.3320	661.87	3549.53
	<b>Maharashtra (Excluding Mumbai)</b>	5501.67	1867.19	451.55	2068.88	565.18	2381.59	812.38	3950.3320	737.62	3549.53