



**Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development and Ganga Rejuvenation**



UPPER YAMUNA RIVER BOARD

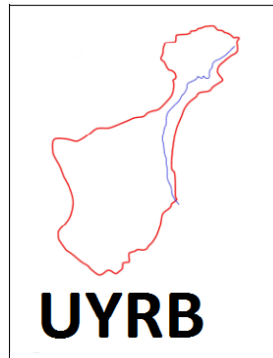
**ANNUAL REPORT
2019-20**

NEW DELHI



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1. Upper Yamuna River Basin

The River Yamuna, a major tributary of the Ganga River, originates from the Yamunotri glacier near the Banderpoonch peaks (latitude 38°59' N, longitude 78°27' E) in the lower Himalayas, at an elevation of approximately 6387 meters above mean sea level in the Uttarkashi district of the state of Uttarakhand. The river traverses through several states, including Himachal Pradesh, Uttarakhand, Uttar Pradesh, Haryana, and the National Capital Territory of Delhi. It eventually meets the Ganga River near Allahabad in Uttar Pradesh. The river's catchment area encompasses parts of Himachal Pradesh, Uttarakhand, Uttar Pradesh, Haryana, the National Capital Territory of Delhi, and Rajasthan. The stretch of the Yamuna from its source to the Okhla barrage in Delhi is referred to as the Upper Yamuna.

The catchment area of the Upper Yamuna covers 42,913 square kilometers. Notable tributaries that join the Yamuna River within this region include the Tons, Giri, Somb, and Sahibi rivers. For reference, a map of the Upper Yamuna basin up to the Okhla barrage is provided in Appendix 1.

At present, there are no storage facilities constructed along the Yamuna River in this section. However, irrigation through run-of-the-river schemes is well developed, with prominent canal systems such as the Eastern Yamuna Canal (EYC) and the Western Yamuna Canal (WYC). These canals originate from the former Tajewala barrage in the upper reaches of Haryana, which has now been replaced by the Hathnikund Barrage. Additionally, the Agra Canal system starts from the Okhla Barrage in Delhi.

2. Allocation of Yamuna Waters

A Memorandum of Understanding (MoU) was signed on May 12th, 1994, by the Yamuna basin States, namely Uttar Pradesh, Haryana, Rajasthan, Himachal Pradesh, and the National Capital Territory of Delhi, regarding the allocation of the surface flow of the Yamuna River. In order to implement the said MoU, Upper Yamuna River Board (UYRB) was constituted by the Resolution No. 10(66)/71-IT dated 11th March 1995 of MoWR, RD & GR, Govt. of India in accordance with the provision of the MoU. After creation of Uttaranchal State in

2000, the resolution was modified to include Uttaranchal (now Uttarakhand) also in the Board in 2001.

According to the May 1994 MoU, until the construction of storages in the upper reaches of the Yamuna River is completed, an interim seasonal allocation of the annual utilisable flow of the river is outlined in Table-1.

Table-1: Interim Seasonal Allocation of the annual utilisable flow of river Yamuna

States	Seasonal Allocation of Yamuna Waters (BCM)			
	Jul - Oct	Nov - Feb	Mar - Jun	Annual
Haryana	4.107	0.686	0.937	5.730
Uttar Pradesh	3.216	0.343	0.473	4.032
Rajasthan	0.963	0.070	0.086	1.119
Himachal Pradesh	0.190	0.108	0.080	0.378
NCT of Delhi	0.580	0.068	0.076	0.724
Total	9.056	1.275	1.652	11.983

After creation of the State of Uttarakhand in the year 2000, the share of undivided Uttar Pradesh is to be divided between Uttar Pradesh and Uttarakhand. This is under consideration of the Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti (MoJS).

3. Constitution

Clause 7 (iii) of the MoU states that the allocation of available flows amongst the beneficiary States will be regulated by the Upper Yamuna River Board (UYRB). Accordingly, the DoWR, RD&GR (Then MoWR) set up UYRB, as a subordinate office of the Department, vide their Resolution No. 10(66)74-IT dated 11th March, 1995 (*copy enclosed at **Appendix-2***). Annexure-II to the Resolution defined the constitution and functions of the Board.

The Board consists of Member, Central Water Commission, as its part time Chairman and one nominee each from the five basin states, not below the rank of Chief Engineer; Chief Engineer, Central Electricity Authority and representatives of Central Ground Water Board and Central Pollution Control

Board as Part-Time Members; and a full time Member-Secretary appointed by the Central Government. The Member-Secretary is of the rank of Chief Engineer and is declared as the Head of the Department of UYRB. After creation of the State of Uttarakhand (then Uttaranchal) in the year 2000, one member was also inducted from Uttarakhand in the Board. The State of Uttaranchal has been renamed as Uttarakhand with effect from January, 2007.

After modifications as above, the constitution of the UYRB is as under:

- | | | |
|-----|---|---------------------------|
| 1. | Member, Central Water Commission | - Chairman |
| 2. | Chief Engineer (Water Resources), Irrigation Department, Government of Uttar Pradesh
(Chief Engineer, Ganga, Irrigation Department, Govt. of U.P. as alternate Member) | - Member |
| 3. | Chief Engineer(Level-I), Irrigation Department, Uttarakhand | - Member |
| 4. | Chief Engineer, Yamuna Water Services, Government of Haryana | - Member |
| 5. | Secretary to the Government, Irrigation Department, Government of Rajasthan
(Alternate - Chief Engineer, Irrigation Department, Government of Rajasthan) | - Member |
| 6. | Engineer-in-Chief, Irrigation and Public Health Department, Government of Himachal Pradesh | - Member |
| 7. | Member(Water), Delhi Jal Board, Government of NCT of Delhi | - Member |
| 8. | Chief Engineer (Hydro Planning & Investigation), Central Electricity Authority | - Member |
| 9. | Chief Hydro-geologist and Member, Central Ground Water Board | - Member |
| 10. | Senior Environment Engineer, Central Pollution Control Board | - Member |
| 11. | An officer of the rank of Chief Engineer, appointed by the Central Government | - Member Secretary |

The resolution dated 11th March, 1995 also provided for setting up of an **Upper Yamuna Review Committee (UYRC)** comprising of the Chief Ministers (Governor in case of President's Rule) of the basin States under the chairmanship of Union Minister/Minister of State for Water Resources; and Chairman of the Upper Yamuna River Board, as its Secretary, to supervise the

working of the Upper Yamuna River Board and to ensure implementation of the MoU dated 12th May, 1994. The aforesaid resolution was modified to include the Chief Minister of Uttarakhand in the UYRC, with effect from 9-11-2000. A copy of the resolution is enclosed at **Appendix-3**. The composition of UYRC is as under:

1. Union Minister/Minister of State for Water Resources - **Chairman**
2. Chief Minister of Himachal Pradesh - **Member**
3. Chief Minister of Haryana - **Member**
4. Chief Minister of Rajasthan - **Member**
5. Chief Minister of Uttarakhand - **Member**
6. Chief Minister of Uttar Pradesh - **Member**
7. Chief Minister of National Capital Territory of Delhi - **Member**
8. Chairman, Upper Yamuna River Board - **Secretary**

4. Functions

As mentioned above, the functions of the Board are stipulated in the Annexure-II to the MoWR, New Delhi's Resolution dated 11th March 1995. Briefly, the main functions are as under:

- a) Regulation and supply of water from all storages and barrages upto and including Okhla barrage, having regard to the agreements entered into or the arrangements made between the Governments of the Basin States in pursuance of MoU dated 12.5.94 but keeping in view the peaking requirements of the existing and run-of-the river hydro power stations. The operation and maintenance of the control structures shall remain with the respective States as per agreements in respect of each structure. Should, at any time, there be a dispute regarding regulation of flows at any of the structures, the Board shall take over the operation and control of that structure till the dispute is resolved; provided such take over shall take place with the approval of the Review Committee; provided further that if the Review Committee could not meet within 15 days, Chairman Review Committee shall take a decision in this regard.
- b) Maintenance of a minimum flow, in proportion of completion of upstream storages going upto 10 cumec downstream of Tajewala/ Hathnikund and

downstream of Okhla Head Works throughout the year from ecological considerations as upstream storages are built up progressively in a phased manner.

- c) Monitoring return flows from the water withdrawn by Delhi from Yamuna after allowing for the consumptive use for the municipal and drinking water purposes as agreed to and after providing treatment to ensure the proper quality of the effluent as per standards of Central Pollution Control Board. For this purpose, the Board shall chalk out a plan in consultation with the concerned basin States detailing the location from where the raw water will be drawn and the quantum thereof and the points on which water drawn in excess shall be returned to the system after proper treatment.
- d) Monitoring return flows from the waters withdrawn from Yamuna by the States of Uttar Pradesh and Haryana for the purpose of silt exclusion.
- e) Monitoring of flows from tail race of Khara hydel station into river Yamuna upstream of Hathnikund; provided that the design of Hathnikund Barrage should ensure optimum operation of Khara tail race channel and provision should also be made for stage II W.J.C. hydroelectric project.
- f) Framing of rules and regulations for water accounting and determination of the shares of water for each State for every 10-day period for purpose of regulation.
- g) Keeping concurrent records of the flow of the Yamuna at all stations considered necessary by the Board, consideration/completion of the records and determination of the volume of water flowing in river Yamuna in a water year.
- h) Keeping concurrent records of data of withdrawals for irrigation, domestic, municipal and industrial or any other purpose and of water going down the river below Okhla.
- i) Ensuring delivery of supplies to all the concerned States in accordance with their entitlements by taking all necessary measures, inter-alia, by giving directions as regards installation of self-recording gauges, taking observations without hindrance, preparing rating curves etc. The selection of the control points at which the Board requires appropriate measures to be taken as mentioned above shall include, but not be limited all points at which

Yamuna discharges are being shared by more than one State and all regulation points on the concerned rivers and canals for determining the shareable supplies. The decision of the Board shall be final and binding so far as the selection of the control points are concerned. All the concerned States shall co-operate fully and shall carry out promptly the day to day directions of the Board in regard to regulation and control of supplies, operation of gates and any other matters in their territory, for ensuring delivery of supplies as determined by the Board in accordance with their entitlements.

- j) Co-ordination of activities relating to and giving of appropriate directions so as to ensure as best as possible, the following; Construction of different works keeping in view funds availability and the desirability of obtaining quick results. Integrated operation of schemes for various uses like water supply, irrigation, industries, hydro-electric power, flood control, etc. including withdrawals during construction of various works consistent with the provisions in the agreements between the basin states. Monitoring, conservation and upgrading the quality of the surface and ground waters; and Smooth implementation of inter-State projects.
- k) Over viewing plans for catchment area treatment, watershed management, rehabilitation of affected population and conservation of the environment of inter-State projects and projects submerging areas in other States.
- l) Monitoring and reviewing the progress of all projects upto and including Okhla Barrage and advising on the phasing of projects on the basis of the work plans submitted by the Basin States.
- m) Monitoring of, in consultation with the Central Ground Water Board, exploitation of ground water in the Upper Yamuna Catchment and formulation of such regulations as would prevent over-exploitation of the ground water detrimental to the surface flow especially for ensuring minimum flow in the river system.
- n) Submission of Annual Report of its work done during each year to the Central Government as also to the Basin States.
- o) Such other function as the Central Government may, after consultation with the Government of the States of Haryana, Uttar Pradesh, Rajasthan, Himachal Pradesh and National Capital Territory of Delhi, may entrust to it.

5. Regulation by UYRB

For the purpose of regulation from various distribution points, UYRB has approved following distributions within the framework of MoU. The distribution is shown in Table-2.

Table-2: Four monthly water distribution

(Revised as per the decision taken in 42nd meeting of UYRB dated 6th July, 2012)

Period: July to October

State	Allocation during July to Oct		% share w.r.t total availability	Tentative distribution			Return flow	Net distribution
	BCM	Cusec		Taje-wala	Wazirabad to Okhla	Okhla		
				Cusec				
Haryana	4.107	13637	45.36	13037	0	600	-	13637
U.P.	3.216	10679	35.50	4000	0	6679	-	10679
Rajasthan	0.963	3198	10.64	1917	0	1281	-	3198
H.P.	0.190	631	2.10	0	0	0	-	631
NCT of Delhi	0.580	1926	6.40	751	1553*+117	0	495	1926
Total	9.056	30071	100.00	19705	1670	8560	495	30071

** Subject to sufficient availability of water D/s Tajewala.*

Period: November to February

State	Allocation during Nov. to Feb.'		% share w.r.t total availability	Tentative distribution			Return flow	Net distribution
	BCM	Cusec		Taje-wala	Wazirabad to Okhla	Okhla		
				Cusec				
Haryana	0.686	2335	54	1735	0	600	-	2335
U.P.	0.343	1167	27	867	0	300	-	1167
Rajasthan	0.070	238	5.5	0	0	238	-	238
H.P.	0.108	368	8.5	0	0	0	-	368

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NCT of Delhi	0.068	231	5	381	228+117	0	495	231
Total	1.275	4339	100.0	2983	345	1138	495	4339

Period: March to June

State	Allocation during Mar. to June '		% share w.r.t total availability	Tentative distribution			Return flow	Net distribution
	BCM	Cusec		Taje-wala	Wazirabad to Okhla	Okhla		
				Cusec				
Haryana	0.937	3140	56.7	2440	0	700	-	3140
U.P.	0.473	1590	28.7	1240	0	350	-	1590
Rajasthan	0.086	288	5.20	0	0	288	-	288
H.P.	0.080	268	4.80	0	0	0	-	268
NCT of Delhi	0.076	255	4.60	381	369	0	495	255
Total	1.652	5541	100.00	4061	369	1338	495	5541

6. Board Office (Secretariat)

UYRB office is headed by the Member Secretary (of the rank of Chief Engineer), delegated with the powers of the Head of Department (HOD). In the 8th meeting of the Board, which took place on 05.07.1996, it was decided that all the positions in the Board Secretariat would be filled through transfers on deputation basis from staff/officers of Central/Basin State Governments. The Ministry, through letter No. 26(4)99-11/1587-1603 dated 27.12.1999, sanctioned a total staff strength of 58, comprising 21 categories of Group 'A', 'B', and 'C' for the UYRB Secretariat.

All the positions are intended to be filled through deputation of officers /staff from Central, State, and Union Territory Governments. However, due to low responses received from applicants, these posts have been remained vacant for long duration. Accordingly, a total of 36 posts that had remained unfilled/vacant for over five years were abolished vide Ministry's Office Memorandum A-11011/7/2017-E-III Section dated 03.11.2017. Currently, there are only 22 live posts in UYRB.

In the fiscal year 2019-20, a total of three skilled and four unskilled personnel were engaged on outsourcing basis.

The list of posts in UYRB and its incumbency details is given in the **Table-3.**

Table-3: Incumbency Position (as on 31st March, 2020)

Sr. No.	Designation	Pay Scale (Pre-revised)	No. of Posts				
			Approved by Board	Live Posts	Abolished	Filled	Vacant Live Posts
1.	Member Secretary	18400-500-22400	1	1	-	1	0
2.	Superintending Engineer	12000-375-16500	2	1	1	0	1
3.	Executive Engineer	10000-325-15200	3	3	-	0	3
4.	Specialist Ground Water	10000-325-15200	1	1	-	0	1
5.	Specialist Environment	10000-325-15200	1	1	-	0	1
6.	Asst. Executive Engineer	8000-275-13500	4	4	-	1	3
7.	Accounts Officer	8000-275-13500	1	1	-	0	1
8.	Section Officer	6500-200-10500	1	1	-	0	1
9.	P.S.	6500-200-10500	1	1	-	0	1
10.	Design Assistant	7450-225-11500	4	4	-	0	4
11.	Junior Engineer	5000-150-8000	4	-	4	-	-
12.	Draftsman	5000-150-8000	4	4	-	1	3
13.	Personal Assistant	5500-175-9000	2	-	2	-	-
14.	Stenographer	4000-100-6000	6	-	6	-	-
15.	Cashier	4000-100-6000	1	-	1	-	-
16.	U.D.C.	4000-100-6000	2	-	2	-	-
17.	L.D.C. cum Typist	3050-75-4590	4	-	4	-	-
18.	Driver	3050-75-3950-80-4590	3	-	3	-	-
19.	Daftary	2610-60-3150-65-3540	1	-	1	-	-
20.	Peon	2550-55-2660-60-3200	10	-	10	-	-
21.	Chowkidar	2550-55-2660-60-3200	2	-	2	-	-
Total			58	22	36	3	19

7. Details of Officers/Staff Joined/Relieved

7.1 List of Officers/Staff joined in the Board Office

- (i) Smt Ekta Sharma, Assistant Engineer, Lower Chambal Circle, Water Resources Department, Govt of Madhya Pradesh, Morena (M.P.) joined as Assistant Executive Engineer in UYRB on deputation on 13th September, 2019.

7.2 List of Officers/Staff relieved from the Board Office

- (i) Smt. Rajni Bakshi, Draftsman, UYRB was relieved on 16th July, 2019.

8. Activities

8.1 Board Meetings: Important Decisions

UYRB has organized 55 meetings of the Board and 7 meetings of the Upper Yamuna Review Committee since its constitution to till March 2019. In the year 2019-20, 02 Board meetings viz. 56th and 57th were held on 05.04.2019 and 11.07.2019 respectively under the Chairmanship of Chairman, UYRB & Member (WP&P), CWC in which various important decisions were taken.

56th UYRB Meeting

The 56th meeting of Upper Yamuna River Board (UYRB) was held under the Chairmanship of Shri S. K.Haldar, Member(WP&P), CWC and Chairman, UYRB on 5th April, 2019. The special meeting was organised to consider the request of NCT of Delhi for providing additional water to address an impending water crisis in the NDMC area due to low water availability. The important decisions taken during the meeting is summarised as under:

- Delhi would send an indent for 120 cusec using the finalized UYRB proforma.

- Delhi's requirement for additional water at Bawana would be indented separately.
- Delhi would withdraw all pending IAs in Hon'ble Delhi High Court.
- Members would submit written comments on Delhi's contentions for further discussion.

57th UYRB Meeting

The 57th meeting of the Upper Yamuna River Board (UYRB) was held under the Chairmanship of Shri S. K. Haldar, Member(WP&P), CWC and Chairman, UYRB on 11th July, 2019 in New Delhi. The key decisions taken during the meeting are as under:

- (i) Short Supply of Yamuna Water to Rajasthan from Okhla**
Headwork: A Committee was formed, comprising representatives from Haryana, Rajasthan, UP, and UYRB to look into the aspects related to availability at Okhla and the distribution made to the States.
- (ii) Implementation of Storage Projects in Upper Yamuna Basin:** Updates on the Renukaji, Kishau, and Lakhwar-Vyasi projects were provided. The Board urged the project authorities to expedite the construction work and comply with the decisions made.
- (iii) Water Quality Issues:** The pollution of Yamuna raw water at Wazirabad, the Interceptor Sewer Scheme for Yamuna River, and schemes for Gurgaon Feeder Canal and Agra Canal were discussed. The Board stressed the importance of timely completion and adherence to the projects' goals.
- (iv) Utilization of Effluent as Raw Water Source for Delhi:** The proposal to use treated sewage as a raw water source for drinking water supply in Delhi was discussed. Concerns were raised about the social acceptability and potential environmental impacts. The Board advised exploring alternative uses for treated wastewater.
- (v) Revival of Deemed Abolished Posts:** The Board agreed to revive 36 posts in UYRB that were deemed abolished, as they were crucial for the effective functioning of the Board.

(vi) Administrative Reforms of UYRB: The proposal for administrative reforms, including encadrement of posts, was discussed. Some States had already agreed, and others were expected to convey their views. The Board reiterated the importance of prompt responses from all States involved.

8.2 Other Activities:

UYRB officials have carried out inspections of Agra Canal and Bharatpur Feeder Canal on 27th November, 2019 so that Bharatpur Feeder Canal in Rajasthan receives its due share of Yamuna water from Ading Distributary of Agra Canal.



"Swachhta Hi Sewa" Campaign

During the "Swachhta Hi Sewa" Campaign in 2019, the Upper Yamuna River Board (UYRB) actively engaged in various initiatives aimed at promoting cleanliness and raising awareness about sanitation. The campaign's focus was to foster a cleaner environment and instill a sense of responsibility towards maintaining cleanliness. UYRB's participation in this campaign was characterized by a range of activities, each contributing to the overarching goal of enhancing cleanliness and promoting a sustainable approach towards waste management.



Cleaning of Plastic Waste in Office Premises:

UYRB took a proactive step by conducting a thorough cleaning of plastic waste within its office premises. This activity aimed to highlight the importance of responsible plastic usage, as well as to ensure that the office environment itself adheres to the principles of cleanliness and waste reduction. This initiative also underscored the need to reduce plastic pollution, which is a significant environmental concern.

Awareness Generation Amongst Residents:

As part of its commitment to creating awareness, UYRB targeted a local community called Ambedkar Basti, located behind West Block-1. The objective was to educate residents about the importance of waste management, proper disposal of waste, and the detrimental effects of improper waste disposal on the environment. By interacting with the residents, UYRB aimed to encourage positive behavioral changes and promote a cleaner living environment for the community.

Engaging Students for Awareness:

Recognizing the role of young minds in shaping the future, UYRB extended its efforts to Kendriya Vidyalaya No. 2, Sector-8, R. K. Puram. The goal was to sensitize students to the significance of maintaining cleanliness in their surroundings and the impact of their actions on the environment.



Through interactive sessions and discussions, UYRB aimed to instill a sense of responsibility in the students, inspiring them to adopt eco-friendly practices.

Shram Daan at Wazirabad Ghat:

Shram Daan, or voluntary labor, was organized by UYRB at Wazirabad Ghat. This involved engaging volunteers and participants to clean up the ghat area. By physically participating in cleaning activities, volunteers could experience

firsthand the impact of their efforts on improving the cleanliness of the area. This initiative also encouraged community participation and cooperation towards maintaining clean public spaces.

Shram Daan at NDMC Park, West Block-1:

Another Shram Daan activity was conducted at an NDMC park in West Block-1, R. K. Puram. This initiative involved cleaning and beautifying the park area through collective efforts. By involving the community and encouraging them to actively participate in maintaining public spaces, UYRB aimed to create a sense of ownership and pride in keeping these areas clean and aesthetically pleasing.



9. Finances

Clause 7 of the Annexure-II to the Resolution 'Constitution and Functions of Upper Yamuna River Board' stipulates that the expenditure on Upper Yamuna River Board shall be shared equally by the basin States. The contributions made

by the States are kept with the Pay and Account Officer, DoWR, RD&GR in "UYRB Reserve Fund" and all the expenditure is met from this fund.

9.1 Contributions

A total contribution of Rs. 29,40,63,188/- was received from basin States in the "UYRB Reserve Fund" up to the end of March 2019. During the fiscal year 2019-20, a total amount of Rs. 3,96,65,000/- has been received from the basin States. Thus, the overall total contributions received up to March 31, 2020 is Rs. 33,37,28,188/-. During the fiscal year 2019-20, the Upper Yamuna River Board did not receive any contributions from the three States, namely, Haryana, Himachal Pradesh and Uttarakhand. The detail of fund received during 2019-20 is given in **Table-4**.

Table-4: Funds received from basin States during 2019-20

(Amount in Rs)				
S. No.	Name of State	Total contributions received till March 2019	Contributions received during 2019-20	Total contributions received up to 31.03.2020
1	Haryana	7,15,00,000	0	7,15,00,000
2	Uttar Pradesh	5,43,00,000	66,78,000	6,09,78,000
3	Rajasthan	6,42,63,188	69,87,000	7,12,50,188
4	Himachal Pradesh	3,60,00,000	0	3,60,00,000
5	NCT of Delhi	5,45,00,000	2,60,00,000	8,05,00,000
6	Uttarakhand	1,35,00,000	0	1,35,00,000
	Total	29,40,63,188	3,96,65,000	33,37,28,188

9.2 Expenditure

The total expenditure incurred by the UYRB Secretariat till March 2019 was Rs. 11,82,71,654/-. During the fiscal year 2019-20, a total expenditure of Rs. 1,87,14,370/- was incurred for running and maintenance of UYRB Secretariat. The cumulative expenditure up to March 31, 2020 amounted to Rs. 13,69,86,024/-. The expenditure position of UYRB as on 31st March, 2020 is shown in **Table-5**.

Table-5: Expenditure up to 31st March, 2020.
(Amount in Rs)

S. No.	Expenditure Head	Cumulative Expenditure upto 31.3.2019	Expenditure during 2019-20	Cumulative Expenditure upto 31.03.2020
1	Salary	5,88,66,670	54,01,237	6,42,67,907
2	Office Exp.	2,12,46,461	7,70,368	2,20,16,829
3	Other Admn. Expenses	10,71,137	57,343	11,28,480
4	Medical	3,41,665	8,553	3,50,218
5	Domestic Travel Expenses	9,16,378	36,086	9,52,464
6	Other Contractual Services	50,97,684	21,72,450	72,70,134
7	Publication	3,87,803	37,760	4,25,563
8	Professional Services	8,53,810	25,175	8,78,985
9	Information Technology	0	0	0
10	Swachhta	0	0	0
11	Major Works	2,85,89,700	1,02,05,398	3,87,95,098
12	RRT	9,00,346	0	9,00,346
	Total	11,82,71,654	1,87,14,370	13,69,86,024

9.3 Balance

Cumulative total contributions = Rs. 33,37,28,188 /-
 Cumulative total expenditure = Rs. 13,69,86,024 /-
 Balance in the Reserve Fund = Rs. 19,67,42,164 /-

The balance in the Reserve Fund represents the difference between the cumulative total contributions received and the cumulative total expenditure incurred by the organization. As of the provided data, the reserve fund holds a balance of Rs. 19,67,42,164/-.

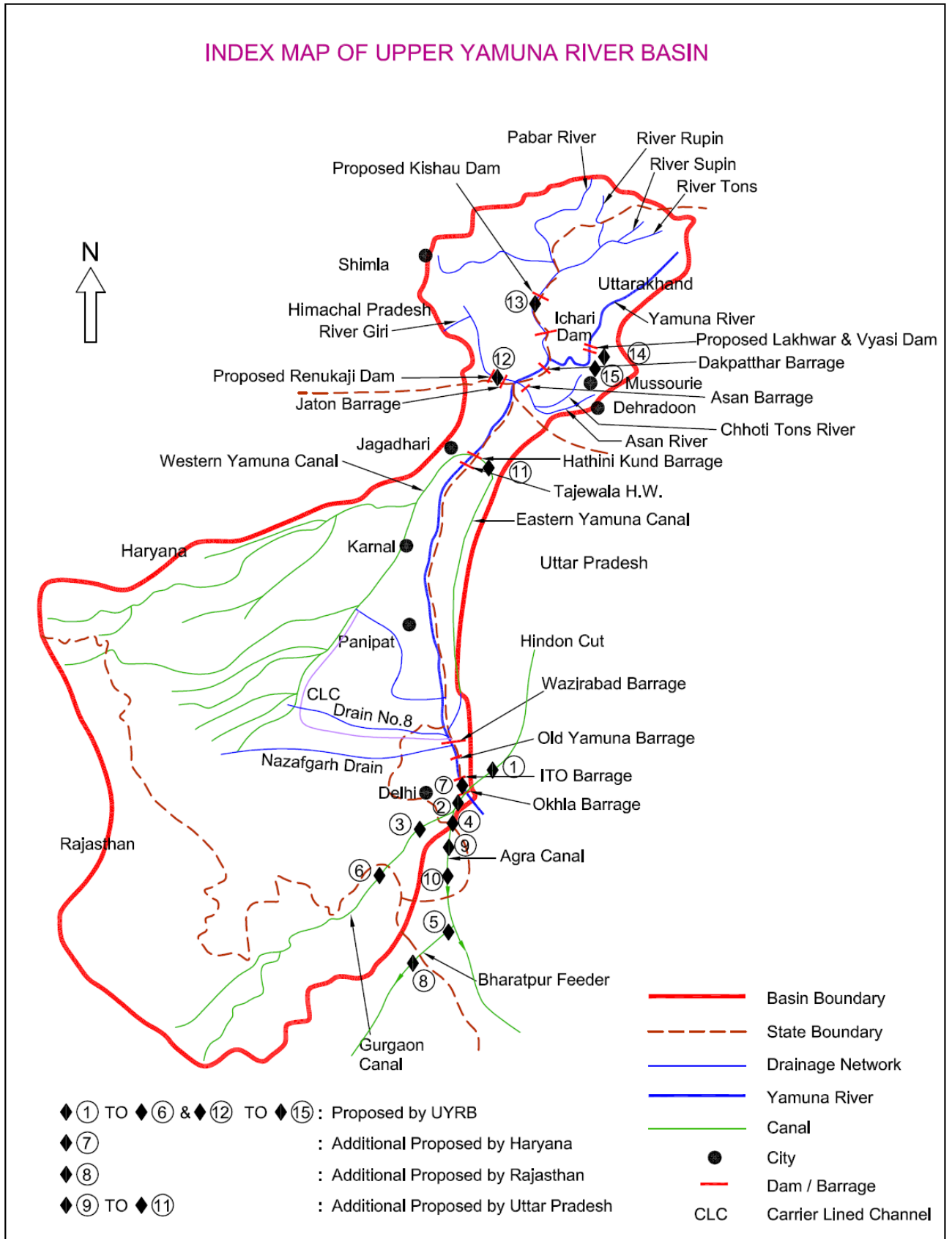
10. Redressal of staff and public Grievances

Shri D.P. Mathuria, Member Secretary, UYRB served as the Grievances Officer for UYRB. During the fiscal year 2019-20, a total of 04 grievances were received, all of which were satisfactorily disposed.

11. Right to Information Act

The Right to Information Act, 2005 was enacted on October 12th, 2005. To adhere to the provisions of this Act, information regarding the Upper Yamuna River Board (UYRB) has been made accessible to the public through its official website, <http://www.uyrb.nic.in>.

Shri Rahul Varshney was designated as the Public Information Officer and Shri D.P. Mathuria, Member Secretary, UYRB held the position of the First Appellate Authority. Throughout the fiscal year 2019-20, a total of forty-eight requests were received, seeking information under the RTI Act. Notably, responses and information for all these requests were duly provided. Furthermore, no appeal was received under the RTI Act during this period. To ensure transparency and accessibility, all RTI-related information was consistently uploaded on a quarterly basis to the Central Information Commission (CIC) website. This practice guaranteed that the public had convenient access to pertinent information and updates regarding UYRB's activities in compliance with the RTI Act.



Constitution of UYRB Resolution No. 10(66)74-IT dated 11th March, 1995

4. बोर्ड आवश्यकता के अनुसार बैठक आयोजित करेगा किन्तु प्रत्येक तीन माह में कम से कम एक बैठक अवश्य करेगा तथा भण्डारणों और नदी प्रणालियों से जल तिकासी के तरीके तथा व्यौरे सहित जल के उचित प्रबन्ध करने पर निर्णय लेगा।

5. बोर्ड का अध्यक्ष अथवा विधिवत रूप से अधिकृत बोर्ड के प्रतिनिधियों में से किसी को भी किसी भूमि, सम्पत्ति, जिस पर यमुना जल के प्रयोग के लिए कोई परियोजना या किसी परियोजना विकास या माप संबंधी कोई कार्य या कोई अन्य जलवैज्ञानिक केन्द्र या मापक उपकरण का किसी राज्य द्वारा निर्माण, अनुरक्षण या प्रचालन किया गया है अथवा किया जा रहा है पर जाने का अधिकार होगा। इस संबन्ध में प्रत्येक राज्य अपने उपयुक्त विभागों के जरिए बोर्ड को तथा बोर्ड के अधिकृत प्रतिनिधियों को सभी प्रकार का सहयोग एवं सहायता प्रदान करेगा।

6. बोर्ड को उतने कर्मचारियों को नियुक्त करने का अधिकार होगा जितने कि वह अपने कार्यों के कुशलतापूर्वक निर्वहन के लिए आवश्यक समझता है। इस उद्देश्य के लिए, बोर्ड सभी सदस्य

राज्यों तथा केन्द्र से प्रतिनियुक्ति पर कर्मचारी प्राप्त करने का प्रयास करेगा।

7. ऊपरी यमुना नदी बोर्ड पर किये जाने वाले व्यय को बेसिन राज्यों द्वारा समान रूप से वहन किया जाएगा।

8. बोर्ड केन्द्रीय सरकार के पूर्व अनुमोदन से निम्नलिखित की व्यवस्था के लिए नियम और विनियम बना सकता है।

- (क) बोर्ड की बैठक के समय और स्थान तथा ऐसी बैठकों में कार्यों के लिए अपनायी जाने वाली कार्य विधि का विनियमन।
- (ख) बोर्ड के अध्यक्ष या किसी अधिकारी को अधिकारों और कर्तव्यों का प्रत्यायोजन।
- (ग) बोर्ड के अधिकारियों और अन्य कर्मचारियों की नियुक्ति तथा सेवा की शर्तों का विनियमन।
- (घ) कोई अन्य मामला जिस पर बोर्ड विनियम बनाना आवश्यक समझता है।

MINISTRY OF WATER RESOURCES

New Delhi, the 11th March 1995

RESOLUTION

No. 10(66)/74-IT.—WHEREAS the States of Uttar Pradesh, Haryana, Rajasthan, Himachal Pradesh and National Capital Territory of Delhi having their geographical areas in the Yamuna basin upto Okhla have signed a Memorandum of Understanding on 12th May, 1994 regarding allocation of surface flow of Yamuna upto Okhla (copy enclosed as Annexure-I) wherein clause 7(iii) provides that the allocation of available flows amongst the beneficiary States will be regulated by the Upper Yamuna River Board within the overall framework of the agreement.

2. AND WHEREAS the States have agreed on the establishment of Upper Yamuna River Board by the Central Government for the co-ordinated management of river Yamuna upto and including Okhla.

3. AND WHEREAS the States have agreed for the construction of the Renuka dam, Kishau dam, Lakhwar Vyasi Project, Hathnikund Barrage and Parallel Water Carrier System for Delhi, and have identified Chatra, Chami Naingaon, Arangpur and Dhonj/Kot Storage Projects for construction.

4. AND WHEREAS the States of Uttar Pradesh, Haryana, Himachal Pradesh and NCT of Delhi have agreed that the States shall have exclusive right to the non-consumptive use of Yamuna water within their respective territories.

5. AND WHEREAS the States have agreed that a minimum flow in proportion of completion of upstream storages going upto 10 cumec shall be maintained downstream of Tajewala/Hathnikund and downstream of Okhla Headworks throughout the year from ecological considerations as upstream storages are built up progressively in a phased manner.

6. NOW, THEREFORE, having recognised the need for coordinated development and management of Yamuna river upto Okhla and with a view to achieve optimal utilisation of the waters of river Yamuna, for maintaining the ecology of the river and for regulation and supply of water to the Basin States, an Upper Yamuna River Board with headquarters at Delhi is hereby constituted for the purpose on the following lines:—

(i) The Board shall perform its functions and exercise powers as conferred upon it in the Yamuna Valley upto Okhla Barrage or in such areas as the Central Government in consultation with the State Governments, may by Notification in the Official Gazette specify from time to time. The Central Government shall endeavour to secure agreement amongst the State Governments for this purpose.

(ii) The Constitution of the Board and its functions will be as given in the Annexure-II.

7. There shall be a Review Committee to be known as the Upper Yamuna Review Committee comprising the Chief Ministers (Governor in case of President's Rule) of the States of Himachal Pradesh, Haryana, Rajasthan, Uttar Pradesh and the National Capital Territory of Delhi under the Chairmanship of the Union Minister/Minister of State for Water Resources which shall supervise the working of the Upper Yamuna River Board and to ensure implementation of MoU dated 12-5-94 regarding allocation of surface flow of Yamuna and issue directions as may be necessary for the proper development and management of the upper reaches of the Yamuna River Basin upto Okhla. Disagreement, if any, on the decisions of the Board may be referred to the Review Committee by a member of the Review Committee. The Committee shall meet at least once every year and shall consider the Annual Report presented by the Upper Yamuna River Board for further directions as may be necessary. The Upper Yamuna Review Committee shall frame its own rules and procedures. Chairman of the Upper Yamuna River Board shall be the Secretary of the Upper Yamuna Review Committee.

(M. S. REDDY)
Secretary to Govt. of India

ORDER

ORDERED that this Resolution alongwith its Annexures be communicated to the State Governments of Uttar Pradesh, Haryana, Rajasthan, Himachal Pradesh and National Capital Territory of Delhi, the Private and Military Secretaries to the President, Prime Minister's Secretariat, the Comptroller and Auditor General of India, the Planning Commission and all Ministries/Departments of Central Government for information.

ORDERED also that the Resolution alongwith its Annexures be published in the Gazette of India and that State Govern-

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ments be requested to publish it in the State Gazettes for general information.

M. S. REDDY,
Secretary

ANNEXURE-I

MEMORANDUM OF UNDERSTANDING BETWEEN UTTAR PRADESH, HARYANA, RAJASTHAN, HIMACHAL PRADESH AND NATIONAL CAPITAL TERRITORY OF DELHI REGARDING ALLOCATION OF SURFACE FLOW OF YAMUNA

1. WHEREAS the 75% dependable notional virgin flow in the Yamuna river upto Okhla has been assessed as 11.70 Billion Cubic Metres (BCM) and the mean year availability has been assessed as 13.00 BCM.
2. AND WHEREAS the water was being utilised by the Basin States ex-Tajewala and ex-Okhla for meeting the irrigation and drinking water needs without any specific allocation.
3. AND WHEREAS a demand has been made by some Basin States on this account and the need for a specified allocation of the utilisable water resources of river Yamuna has been felt for a long time.
4. AND WHEREAS to maximise the utilisation of the surface flow of river Yamuna a number of storage projects have been identified.

5. AND WHEREAS the States have agreed that a minimum flow in proportion of completion of upstream storages going upto 10 cumec shall be maintained downstream of Tajewala and downstream of Okhla Headworks throughout the year from ecological considerations, as upstream storages are built up progressively in a phased manner

6. AND WHEREAS it has been assessed that a quantum of 0.68 BCM may not be utilisable due to flood spills.

7. NOW THEREFORE, considering their irrigation and consumptive drinking water requirements, the Basin States agree on the following allocation of the utilisable water resources of river Yamuna assessed on mean year availability :

1. Haryana	5.730 BCM
2. Uttar Pradesh	4.032 BCM
3. Rajasthan	1.119 BCM
4. Himachal Pradesh	0.378 BCM
5. Delhi	0.724 BCM

subject to the following :

- (i) Pending construction of the storages in the upper reaches of the river, there shall be an interim seasonal allocation of the annual utilisable flow of river Yamuna as follows :—

States	Seasonal Allocation of Yamuna Waters (BCM)			
	July—Oct.	Nov—Feb.	March—June	Annual
Haryana	4.107	0.686	0.937	5.730
Uttar Pradesh	3.216	0.343	0.473	4.032
Rajasthan	0.963	0.070	0.086	1.119
Himachal Pradesh	0.190	0.108	0.080	0.378
Delhi	0.580	0.068	0.076	0.724
Total	9.056	1.275	1.652	11.983

Provided that the interim seasonal allocations will be distributed on ten daily basis.

Provided further that the said interim seasonal allocations shall get progressively modified, as storages are constructed, to the final annual allocations as indicated in para 7 above.

(ii) Separate agreement will be executed in respect of each identified storage within the frame work of overall allocation made under this agreement.

(iii) The allocation of available flows amongst the beneficiary States will be regulated by the Upper Yamuna River Board within the overall framework of this agreement.

Provided that in a year when the availability is more than the assessed quantity, the surplus availability will be distributed amongst the States in proportion to their allocations.

Provided also that in a year when the availability is less than the assessed quantity, first the drinking water allocation of Delhi will be met and the balance will be distributed amongst Haryana, U.P., Rajasthan and H.P. in proportion to their allocations.

8. This agreement may be reviewed after the year 2025, if any of the Basin States so demand.

9. We place on record and gratefully acknowledge the assistance and advice given by the Union Minister of Water Resources in arriving at this expeditious and amicable settlement.

New Delhi, the 12th May, 1994.

Sd/-
(Mulayam Singh Yadav)
Chief Minister
Uttar Pradesh

Sd/-
(Bhajan Lal)
Chief Minister
Haryana

Sd/-
(Bhairon Singh Shekhawat)
Chief Minister
Rajasthan

Sd/-
(Virbhadra Singh)
Chief Minister
Himachal Pradesh

Sd/-
(Madan Lal Khurana)
Chief Minister
Delhi

Sd/-
(Vidyacharan Shukla)
Minister (Water Resources)

In the presence of :—

ANNEXURE-II

CONSTITUTION AND FUNCTIONS OF UPPER YAMUNA RIVER BOARD

1. CONSTITUTION

The Board shall consist of Member, Central Water Commission as part time Chairman and one nominee each from the States of Uttar Pradesh, Haryana, Rajasthan, Himachal Pradesh and National Capital Territory of Delhi not below the rank of Chief Engineer, and a Chief Engineer of Central Electricity Authority and representatives of Central Ground Water Board and Central Pollution Control Board as part time members.

The Board shall have a full time Member-Secretary. He shall be appointed by the Central Government for a period of three years at a time and he shall not belong to any of the basin States.

2. FUNCTIONS

The functions of the Upper Yamuna River Board shall include :—

- (a) Regulation and supply of water from all storages and barrages upto and including Okhla Barrage, having regard to the agreements entered into or the arrangements made between the Governments of Basin States in pursuance of MoU dated 12-5-94 but keeping in view the peaking requirements of the existing and run-of-the river hydro power stations. The operation and maintenance of the control structures shall remain with the respective States as per agreements in respect of each structure. Should, at any time, there be a dispute regarding regulation of flows at any of the structures, the Board shall take over the operation and control of that structure till the dispute is resolved; provided such take over shall take place with the approval of the Review Committee; provided further that if the Review Committee could not meet within 15 days, Chairman Review Committee shall take a decision in this regard.
- (b) Maintenance of a minimum flow, in proportion of completion of upstream storages, going upto 10 cumec downstream of Tajewala/Hathnikund and downstream of Okhla Headworks throughout the year from ecological considerations as upstream storages are built up progressively in a phased manner.
- (c) Monitoring return flows from the waters withdrawn by Delhi from Yamuna after allowing for the consumptive use for the municipal and drinking water purposes as agreed to and after providing treatment to ensure the proper quality of the effluent as per standards of Central Pollution Control Board. For this purpose, the Board shall chalk out a plan in consultation with the concerned basin States detailing the location from where the raw water will be drawn and the quantum thereof and the points on which water drawn in excess shall be returned to the system after proper treatment.

- (d) Monitoring return flows from the water withdrawn from Yamuna by the States of Uttar Pradesh and Haryana for the purpose of silt exclusion.
- (e) Monitoring flows from tail race of Khara hydel station into river Yamuna upstream of Hathnikund; provided that the design of Hathnikund Barrage should ensure optimum operation of Khara tail race channel and provision should also be made for stage II W.J.C. hydro electric project.
- (f) Framing of rules and regulations for water accounting and determination of the shares of water for each State for every 10-day period for purpose of regulation.
- (g) Keeping of concurrent records of the flow of the Yamuna at all stations considered necessary by the Board, consideration/completion of the records and determination of the volume of water flowing in river Yamuna in a water year.
- (h) Keeping concurrent records of data of withdrawals for irrigation, domestic, municipal and industrial or any other purpose and of water going down the river below Okhla.
- (i) Ensuring delivery of supplies to all the concerned States in accordance with their entitlements by taking all necessary measures, inter-alia, by giving directions as regards installation of self recording gauges, taking observations without hindrance, preparing rating curves etc. The selection of the control points at which the Board requires appropriate measures to be taken as mentioned above shall include, but not be limited to all points at which Yamuna discharges are being shared by more than one State and all regulation points on the concerned rivers and canals for determining the shareable supplies. The decision of the Board shall be final and binding so far as the selection of the control points are concerned. All the concerned States shall cooperate fully and shall carry out promptly the day to day directions of the Board in regard to regulation and control of supplies, operation of gates and any other matters in their territory, for ensuring delivery of supplies as determined by the Board in accordance with their entitlements.
- (j) Coordination of activities relating to and giving of appropriate directions so as to ensure as best as possible, the following :
 - (1) Construction of different works keeping in view funds availability and the desirability of obtaining quick results;
 - (2) Intergrated operation of schemes for various uses like water supply, irrigation, industries, hydro-electric power, flood control etc., including withdrawals during construction of various works consistent with the provisions in the agreements between the Basin States.

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- (3) Monitoring, conservation and upgrading the quality of the surface and ground waters; and
- (4) Smooth implementation of Inter-State projects.

- (k) Overseeing plans for catchment area treatment, watershed management, rehabilitation of affected population and conservation of the environment of Inter-State Projects and projects submerging areas in other States.
- (l) Monitoring and reviewing the progress of all projects upto and including Okhla Barrage and advising on the phasing of projects on the basis of the work plans submitted by the Basin States.
- (m) Monitoring of in consultation with the Central Ground Water Board, exploitation of ground water in the Upper Yamuna Catchment and formulation of such regulations as would prevent over-exploitation of the ground water detrimental to the surface flow especially for ensuring minimum flow in the river system.
- (n) Submission of Annual Report of its work done during each year to the Central Government as also to the Basin States.
- (o) Such other function as the Central Government may, after consultation with the Government of the States of Haryana, Uttar Pradesh, Rajasthan, Himachal Pradesh and National Capital Territory of Delhi, may entrust to it.

3. The Board may, from time to time, appoint one or more advisory committee or committees for the purpose of enabling it to carry out its functions under this Resolution.

4. The Board shall meet as often as necessary but at least once in every 3 months, and decide on a proper manage-

ment of water including the manner and details of withdrawals from the storages and the river system.

5. The Chairman or any of the duly authorised representatives of the Board shall have power to enter upon any land property upon which any project or development of any project or any work of gauging or any other hydrological station or measuring device has been or is being constructed, maintained or operated by any State for the use of Yamuna waters. Each State through its appropriate Departments shall render all cooperation and assistance to the Board and its authorised representative in this regard.

6. The Board shall have powers to employ such staff as it may consider necessary for the efficient discharge of its functions. For this purpose, the Board shall make efforts to obtain staff from all member States and Centre on deputation.

7. The expenditure on Upper Yamuna River Board shall be shared equally by the basin States.

8. The Board may, with the previous approval of the Central Government, make rules and regulations to provide for:

- (a) Regulating the time and place of meeting of the Board and the procedure to be followed for transactions of business at such meetings.
- (b) Delegation of powers and duties of the Chairman or any official of the Board.
- (c) The appointment and the regulation of the conditions of service of the officers and other staff of the Board.
- (d) Any other matter for which regulations are considered necessary by the Board.

**Resolution for inclusion of Uttarakhand as Member State in UYRB/UYRC for implementation of MoU
dated 12.5.1994**

MINISTRY OF WATER RESOURCES
(INDUS WING)

New Delhi, the 16th March 2001

RESOLUTION

No. 26/3/2000-II.—Whereas the Upper Yamuna River Board was constituted vide Ministry of Water Resources Resolution No. 10(66)/74-II dated 11-3-1995 for regulating the allocation of available flows of river Yamuna upto Okhla within the overall framework of Memorandum of Understanding signed by the States of Uttar Pradesh, Haryana, Rajasthan, Himachal Pradesh and NCT of Delhi on 12-5-1994.

2. And whereas the State of Uttaranchal has since been created with effect from 9th November, 2000 in accordance with the Uttar Pradesh Reorganisation Act, 2000.

3. And whereas Section 79(1) of the Uttar Pradesh Reorganisation Act, 2000 provides that the rights and

liabilities of the existing State of Uttar Pradesh in respect of water resource projects in relation to Upper Yamuna River and its tributaries upto Okhla shall on the appointed day, be the rights and liabilities of the successor States in such proportion as may be fixed and subject to such adjustments as may be made; by agreement entered into by the said States after consultation with the Central Government, or, if no such agreement is entered into within two years of the appointed day, then, the Central Government may, by order, determine within one year having regard to the purposes of the Project.

4. And whereas Section 84(1) of the Uttar Pradesh Reorganisation Act, 2000 provides that the utilisable water resources of the Yamuna River upto Okhla, as allocated, before the appointed day, to the existing State of Uttar Pradesh under the Memorandum of Understanding dated 12-5-1994 shall be further allocated between the successor States by mutual agreement within a period of two years, failing which, the Central Government shall, by order, determine the

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allocation of such water resource between the successor States within a further period of one year.

5. And whereas Section 84(2) of the Uttar Pradesh Reorganisation Act, 2000 provides that the State of Uttaranchal shall, on the appointed day, be inducted as a Member of the Upper Yamuna River Board constituted for implementation of the Memorandum of Understanding dated 12-5-1994.

6. Now, therefore, in partial modification of para 6 and para 7 of the Ministry of Water Resources Resolution No. 10(66)/74-I.T. dated 11-3-95 a nominee of the state of Uttaranchal, not below the rank of Chief Engineer, will also be a member of the Upper Yamuna River Board, having its Head Quarters in the National Capital Region, and the Upper Yamuna Review Committee shall also comprise of Chief Minister of Uttaranchal (Governor in case of President's Rule), with effect from the appointed day i.e. 9-11-2000.

ORDER

Ordered that this Resolution be communicated to the State Governments of Uttar Pradesh, Uttaranchal, Haryana, Rajasthan, Himachal Pradesh and National Capital Territory of Delhi, the Private and Military Secretaries to the President, Prime Minister's Office, the Comptroller and Auditor General of India, the Planning Commission and all Ministries/Departments of Central Government for information.

Ordered also that the Resolution be published in the Gazette of India and that the State Governments concerned be requested to publish it in the State Gazettes for general information.

Z. HASAN
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