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भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF WATER RESOURCES
RIVER DEVELOPMENT & GANGA REJUVENATION

D.O. No. F-12011/1/2023-Coord

10th July, 2024

Dear Sir,

The important issues / developments related to the Department of Water Resources, River Development & Ganga Rejuvenation during the month of June 2024 are as follows: -

- A. Assumption of charge by Hon'ble Ministers:** Upon formation of the new Government, Hon'ble Shri C.R. Paatil, Dr. Raj Bhushan Choudhary, and Shri V. Somanna took over the charge of Union Cabinet Minister for Jal Shakti and Union Ministers of State for Jal Shakti respectively with effect from 11th June 2024. Articulating his vision for the Ministry, Hon'ble Minister for Jal Shakti expressed his determination that the *"Ministry will set new benchmarks in waters conservation, sanitation and management. The Ministry will prioritize collaborative efforts and the application of cutting-edge technology to preserve water resources effectively"*. Soon after taking over of charge, the Hon'ble Ministers were briefed about the water position in the country, functions/mandate of the Department and key projects being under implementation/ planned. Hon'ble MoJS also reviewed these projects through separate Meeting/Presentations.
- B. India-Bangladesh bilateral meeting:** During the state visit of Hon'ble Prime Minister of Bangladesh to India on 21-22 June, 2024, a Vision Statement titled **"India-Bangladesh Shared Vision for Future: Enhancing Connectivity, Commerce and Collaboration for Shared Prosperity"** has been agreed. Concurrence of DoWR, RD&GR was provided to MEA on the following para pertaining to DoWR, RD&GR of this vision statement:

"Recognizing the importance of water resource management in our bilateral relationship, we will continue to engage in prioritizing exchange of data and formulating the framework for interim water sharing based on the recommendations of the Joint Rivers Commission. We welcome the formation of a Joint Technical Committee to initiate discussions for renewal of the Ganges water Sharing Treaty of 1996. As part of our development cooperation, we will also undertake conservation and management of Teesta River inside Bangladesh with Indian assistance".

The delegation level meeting, chaired by two Prime Ministers was also attended by Secretary (WR). Further follow up action in the above matter is being taken.

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C. Union Jal Shakti Minister Launches E-Flow Monitoring System under Namami Gange Programme: -On 13th June 2024, The Union Jal Shakti Minister, Shri C.R. Paatil, reviewed the progress of the Namami Gange Mission projects and launched the Environmental-Flows (E-Flows) Monitoring System to ensure the continuous and sustainable flow of the Ganga River. The E-Flow Monitoring System is an integral component of the PRAYAG Portal, a real-time monitoring center for planning and monitoring projects, river water quality, and other crucial parameters.

The launch of the E-Flow Monitoring System marks a significant step towards ensuring the ecological balance and sustainability of the Ganga River. The system will track parameters such as in-flow, out-flow, and mandated E-flow across 11 projects along the Ganga Main Stream, utilizing data from quarterly reports by the Central Water Commission. Hon'ble Minister of Jal Shakti emphasized the importance of completing the ongoing projects under the Namami Gange Mission, including those involving the Ganga and its tributaries, within the stipulated time frame. He also highlighted the need for innovative solutions to address emerging challenges and outlined a commitment to developing new strategies and visions for areas currently without river rejuvenation programmes.

D. High Level review meeting on India's flood management preparedness and strategies in the country by MHA.

Hon'ble Minister of Jal Shakti participated in a high-level meeting chaired by Union Home Minister and Minister of Cooperation to review India's flood management preparedness and strategies in the country on 23.06.2024. The union home minister reviewed long-term measures to formulate a comprehensive and far-reaching policy to mitigate the menace of floods in the country. Discussions focused on adopting new technologies for flood management and expanding networks. Hon'ble Home Minister inter-alia, underlined the need for upgrading the flood forecast system and monitoring centers as per international standards for better flood management. The meeting also reviewed preparations for Glacial Lake Outburst Floods (GLOFs) and stressed the use of satellite imagery from ISRO for effective water management. During the meeting CWC made a detailed presentation. Hon'ble MoJS apprised about action taken by the Department to improve flood preparedness and improving flood forecast and the action taken on the instructions given by Hon'ble Home Minister during the last flood review meeting.

The meeting underscored the government's proactive approach in disaster management, integrating technology, infrastructure development, and community participation to enhance India's resilience against floods and natural calamities.

E. Storage Position of Important Reservoirs: Central Water Commission is monitoring live storage position of **150** important reservoirs spread all over the country and issuing bulletins every Thursday. The overall storage position in 150 reservoirs as on **27.06.2024** was **36.368 BCM** which is **78%** of the live storage of corresponding period of last year and **85%** of average storage of last ten years. Out of the 150 Reservoirs being monitored, **20** reservoirs are of Hydro-Electric projects having total live storage capacity of **35.299 BCM** and **6** Reservoirs of these had Storage more than the average of previous 10 years.

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F. Jal Shakti Abhiyan: Catch the Rain-2024: A "Workshop-Cum-Orientation Programme" was organized by National Water Mission, under this Department on 24th June 2024 to highlight the roles and responsibilities of Central Nodal Officers (CNO) and Technical Officers (TO) appointed for 151 focused districts to ensure effective implementation of JSA: CTR-2024 with the theme " **Nari Shakti se Jal Shakti**". These officers would be visiting 151 focused districts for ensuring effective implementation of the campaign. **The workshop was graced by Hon'ble Minister of Jal Shakti and Hon'ble Minister of State, DoWR, RD & GR, Ministry of Jal Shakti.**

Among the 151 focused districts, the Central Team consisting of CNO and TO will undertake two visits to the allotted districts i.e., one in the pre-monsoon and other in the post-monsoon. During the workshop, Hon'ble Minister of Jal Shakti appreciated the efforts made in water sector, emphasizing upon scaling up the actions towards meeting the cumulative water demand and stressed upon involvement of NGOs working in water sector for effective implementation of various schemes launched / run by the Ministry of Jal Shakti, especially in rural areas.

G. 6th NLSC Meeting for Atal Bhujal Yojna (ABY): The 6th Meeting National Level Steering Committee (NLSC) for Atal Bhujal Yojna was held on 07.06.2024 under the Chairpersonship of Secretary (WR). Senior Officers from participating states, various Ministries/Departments and World Bank participated in the meeting. JS (A, IC & GW) and the National Project coordinator presented the physical and financial progress of the scheme, which in the 5th year of its implementation. Secretary (WR) emphasized that the states should utilize the remaining period of the scheme-which the only scheme targeted towards demand side of Ground Water Management and focuses on the behavioral change-for achievement of targets. The committee reviewed the overall progress of the scheme and directed the States to expedite all the activities including convergence for implementation of the interventions proposed under Water Security Plans (WSPs) to see the impact of the scheme in the form of arrest in decline of groundwater levels.

H. Transforming Water Management and Urban Flood Resilience: CWC and IIT Roorkee's Collaborative Initiative:

On 12th June, 2024, the Central Water Commission (CWC) and the Indian Institute of Technology Roorkee (IIT Roorkee) formalized a pioneering partnership through two significant Memorandums of Understanding (MoUs). This collaboration aims to enhance water resources management and urban flood resilience in India. The agreements were signed by Chairman, CWC, and Director, IIT Roorkee. The key initiatives include improving irrigation efficiency, conducting water accounting studies, and assessing climate change impacts. The partnership also focuses on urban flood forecasting, hazard mapping, and leveraging advanced technologies like Artificial Intelligence and Machine Learning. With a commitment for five years, this collaboration promises to deliver innovative, data-driven solutions crucial for sustainable development and disaster preparedness.

I. Singapore International Water Week (SIWW): -

The Singapore International Water Week (SIWW) held on 18th-22nd June 2024, is a global platform held annually to address challenges and opportunities in sustainable water management. It brings together government officials, industry leaders, academics, and practitioners from around the world to exchange ideas, foster partnerships, and showcase innovative solutions. A Three-member delegation, led by Additional Secretary DoWR, RD & GR, attended the Singapore International Water Week, focusing on international collaboration and knowledge exchange in water management practices.

J. Important meetings / conference held at the level of Hon'ble Minister of Jal Shakti during the month of June -2024

1. Hon'ble MoJS reviewed the progress of all important projects being implemented by the Department viz. Namami Gange, PMKSY, Command Area Development, Jal Shakti Abhiyan, Atal Bhujal Yojna, National River Conservation Plan, National Hydrology Project, Dam Rehabilitation and Improvement Programme, Ground Water Management and Inter Linking of Rivers etc. in series of review meetings from 11-31st June, 2024 with the officials of the Department.
2. Hon'ble MoJS took a internal meeting on the Flood Preparedness on 23.06.2024.

K. Important meetings / conference held at the level of Secretary DoWR, RD & GR during the month of June -2024

1. A presentation on 03.06.2024 was made before Secretary DoWR, RD & GR on the outcome of the Draft Report for the Internal Review of the India Bangladesh Treaty of 1996.
2. A meeting between Secretary DoWR, RD & GR and Secretary DSIR was held on 04.06.2024 regarding CSIR collaboration with M/o Jal Shakti on 04.06.2024.
3. A meeting was held on 04.06.2024 under the Chairpersonship of Secretary DoWR, RD & GR to discuss the court cases of NMCG being addressed by the Supreme Court and the National Green Tribunal (NGT) related to the mission's initiatives and activities.
4. A meeting with the State Secretaries of Water Resources Departments was held on 05.06.2024 under the Chairpersonship of Secretary DoWR, RD & GR to review the progress of PMKSY-AIBP projects under PMKSY 2.0.
5. Meeting with the State Secretaries of Water Resources Departments for review of newly included projects held under the Chairpersonship of Secretary (WR, RD & GR) on 05.06.2024 to review the progress of PMKSY-AIBP projects under PMKSY 2.0.
6. On 05.06.2024, Secretary DoWR, RD & GR held a joint meeting with Secretary (Agriculture) to discuss the Atal Bhujal Yojna.

7. On 06.06.2024, Secretary DoWR, RD & GR participated in the Cabinet Secretary's Meeting of National Crisis Management Committee to review preparedness to deal with 'Heat Wave.
8. The 6th meeting of National Level Steering Committee (NLSC) for implementation of Atal Bhujal Yojana was held on 07.06.2024 under the Chairpersonship of Secretary DoWR, RD & GR.
9. A meeting to review Renukaji Dam Project and Lakhwar Multipurpose Project was held on 12.06.2024 under the Chairpersonship of Secretary DoWR, RD & GR with the officers of Government of Uttarakhand, Government of Himachal Pradesh, Uttarakhand Jal Vidyut Nigam Limited (UJVNL) and Hindustan Petroleum Corporation Limited (HPPCL).
10. The 14th meeting of the Principal Committee (Yamuna) was held on 24.06.2024, the under the chairmanship of the Secretary, DoWR, RD & GR to discuss ongoing and future initiatives for the rejuvenation and management of the Yamuna River.
11. A meeting was held on 25.06.2024 under the Chairpersonship of Secretary, DoWR, RD & GR with State Nodal Officers, State Secretaries of Water Resources/Public Health Engineering Department/ Irrigation to review the stock progress of JSA: CTR-2024 campaign.
12. Secretary DoWR, RD & GR participated in the meeting held on 27.06.2024 under the Chairpersonship of Cabinet Secretary regarding the implementation of JSA: CTR-2024.
13. A meeting was held on 27.06.2024 under the Chairpersonship of Secretary DoWR, RD & GR to review the progress of preparation and finalization of DPR of the Modified Parbati-Kalisindh-Chambal link by the States of MP and Rajasthan.
14. Secretary DoWR, RD & GR participated in the meeting held on 28.06.2024 regarding the Kosi River floods in Bihar. The meeting was chaired by Hon'ble Finance Minister and attended by Hon'ble External Affairs Minister, Mr. Sanjay Jha, Hon'ble MP and Foreign Secretary.
15. A meeting was held on 28.06.2024 under the Chairpersonship of Secretary DoWR, RD & GR to discuss Hydro Power Projects with the senior officers of the Department.

L. Other important meetings/conference

1. On 11.06.2024, a meeting was held under the chairmanship of the DG, NMCG, with Indian Institute of Technology, Kanpur to review the project titled "Aerial Acquisition of River Ram Ganga Basin for Assessment of E-Flow by UAV Technology." The meeting focused on evaluating the use of UAV technology for collecting aerial data to assess the environmental flow of the river Ram Ganga, ensuring sustainable water management and ecological balance in the basin.

2. On 24.06.2024, DDG, NMCG, DoWR, RD & GR participated in the meeting held under the chairmanship of the Additional Secretary (AS), Prime Minister Office (PMO) to discuss the integration of online portals related to project monitoring to streamline and enhance the efficiency of monitoring various government projects by creating a unified digital platform.
3. A meeting under the chairmanship of ADG, MI (Stat), Department of Water Resources, RD & GR was held on 18.06.2024 with the representative of Space Applications Centre (SAS), ISRO along with the officers of NWC and NIC for technical discussion on possible integration of satellite data for the forthcoming 2nd Census of Water Bodies.

M. National Mission for Clean Ganga: Major Activities

1. **Workshop on Techno-Economic Framework for Managing STP Sludge in India:** National Mission for Clean Ganga (NMCG) organized a workshop on 03.06.2024 in collaboration with cGanga on the "*Techno-Economic Framework for Managing STP Sludge in India.*" This workshop fostered interactive discussions on strategies for sludge management, including current policies, proposed changes, and necessary adjustments. It also explored the economic aspects of managing sewage treatment plant (STP) sludge. During the workshop, Secretary DoWR, RD & GR emphasized on collective approach to improving sludge management practices in India.
2. **2nd Steering Committee Meeting of the National Mission for Clean Ganga-The Energy and Resources Institute (NMCG-TERI):**The 2nd Steering Committee meeting of the NMCG-TERI Centre of Excellence (CoE) on Water Reuse was held on 20.06.2024 under the chairmanship of DG, NMCG, DoWR, RD & GR to promote water reuse practices across the country, aiming to address water scarcity and improve water quality. The CoE on Water Reuse is the first of its kind to be established in the country through a collaboration between NMCG and TERI.
3. **Project Site Inspection:**
STPs/CETPs and other projects at Varansi, Kanpur: On 4th June, 2024, DG, NMCG, along with other senior officials from NMCG, UP Jal Nigam, and other stakeholders, conducted a site inspection visit of the project sanctioned under the Namami Gange Programme in Varanasi, Uttar Pradesh. The inspection was followed by a review meeting of the progress with various stakeholders.

N. Miscellaneous

1. Chairman CWC, DoWR, RD & GR along with team of Neutral Experts and Pakistan Delegation visited different projects under Indus basin from 20.06.2024 to 27.06.2024.
2. Field visit and social media campaigns for outreach Activities on Mission Life (Lifestyle for Environment) for mass-mobilization relating to the World Environment Day by DoWR, RD & GR (NWM) was done on 01.06.2024 and 05.06.2024 in Haridwar, Uttarakhand and Hauz Khas Lake, New Delhi.

3. International Yoga Day was celebrated in the Department on 21st June, 2024 by organization yoga sessions by experts. Department (NMCG) also organized 'Ghat Par Yoga' in Delhi on the bank of River Yamuna with the theme 'Yoga for Self and Society' emphasizing the transformative power of yoga for individual well-being and its potential to promote social harmony. Yoga sessions were also organized simultaneously at 139 locations across Ganga Basin by District Ganga Committees in coordination with State Mission for Clean Ganga (SMCG), Ganga Praharis and Ganga Vichar Manch.

With Regards,

Yours sincerely,



(Debashree Mukherjee)

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