

Letter No. 829 /SPMG/Namami Gange/SGC

Dated: 23/11/2021

Ganga's purity is our responsibility
Save Ganga, Save Water, Save Life

Minutes of Meeting

Twelfth Meeting of State Ganga Committee (SGC), Uttarakhand dated 02.11.2021

The Twelfth meeting of Uttarakhand State Ganga Committee was held under the Chairmanship of Chief Secretary, Govt. of Uttarakhand on 02.11.2021 at Chief Secretary Meeting Hall, Uttarakhand Secretariat. The meeting was attended by Ex-officio members of SGC or their representatives, along with officials from concerned departments and executing agencies. The list of participants is annexed.

At the outset, Program Director (PD), State Program Management Group (SPMG) welcomed the Chairman, members of the committee and apprised the Committee of the constitution and mandate of State Ganga Committee along with decisions taken in the eleventh meeting of SGC.

Agenda wise discussion held and decisions taken are as follows:

Agenda 1: Compliance of Decisions taken in Tenth meeting of Uttarakhand State Ganga Committee (SGC):

The Committee was apprised of the progress made and the current status of House Service Connections (HSCs) in Devparyag, Badrinath and Gangotri as below:

a) Devparyag:

S. No.	Description	Total House Holds (HHs)	House Hold connected	Balance House Holds (HHs)
1	Total House hold as per Nagar Palika records	609	425	126
2	Abandoned House hold in which connection not required	58	-	-

Break-up of Balance House Holds (HHs) - 126

S.No	Description	No. of Connection	Progress
1	By Shifting of Toilets/SPS.	10	Will be done by Nagar Palika
2	House hold identified under flood plain zone (Total 7 of which 02 are connected)	5	Technically not feasible to connect. (Zokasu technology is being explored by IIT-Roorkee)
3	Through Septage	111	Vehicle procured by Nagar Palika.

- Out of total 609 HHs at Devaparyag, Households (HHs) connectivity provided in 425, while connectivity is not required in 58 HHs. For the balance 126 HHs, connectivity through septage (111HHs) and other means (15HHs) is under progress.
- In Devparyag and Badrinath "Septage Suction Vehicle" has been procured. Operationalization of Septage services started at Rishikesh.



- In Gangotri tendering has been done for vehicle procurement, but considering small no. as 10, Demonstration for JOKASU technology has been done by IIT Roorkee. Technology is feasible as per the findings of the IIT-Roorkee.
- DPR for septage co-treatment at 1.4 KLD at Devpariyag is under approval stage at NMCG.

Chairman directed for operationalization of septage suction vehicle's for the identified households at Devpariyag and Badrinath to be covered through Septage management, and consistent monitoring to be ensured by installation of GPS on the suction vehicle by the respective SMC.

For the left out 07 households at Devpariyag and 10 households at Gangotri, UKPJN & UJS to co-ordinate with IIT-Roorkee for installation of JOKASU technology within 15 days and further proper monitoring be ensured by the ULB/UJS.

(Action: UKPJN, Jal Sansthan & Urban Development Department, ULBs)

1.2 Status of Septage Management in Ganga towns: -

Following update was given by UDD: -

- **Septage management cell** has been constituted in all 15 Ganga priority towns.
- **22 Septage suction** and transportation vehicles are available in 08 ULBs.
- **Septage Management by-laws** notified in 08 ULBs, under gazette notification process in 05 ULBs, and draft approved by the board in 03 ULBs.
- **Detailed Household survey** in line with Rishikesh is in other non-Ganga towns is in process under SBM-2. Septage collection and treatment at 26 MLD, STP is being done at Rishikesh.
- **Co-treatment facilities** DPRs for co-treatment of Haridwar, Rishkesh, and Srinagar are submitted to NMCG. DPRs of Srinagar has been revised by UKPJN in Co-ordination with SPMG-GIZ as per the recommendations of NMCG and further submitted to the NMCG for AA&ES sanction. Septage co-treatment will also be provided in the 09 nos. of STPs to be constructed in the 06 polluted stretches in Udham Singh Nagar. NMCG has approved provisions of co-treatment facility in the STPs of more than 01 MLD capacity.

Chairman directed to expedite the septage management activities in all Ganga towns in line with the activities being carried out at Rishikesh. Jal Nigam to ensure co-treatment provisions as sanctioned in 06 number of polluted stretches STPs in Udham Singh Nagar. Further UDD to prepare a road map for activities to be taken up for proper septage management in the balance 07 towns with timelines.

(Action: SPMG, Urban Development Department, UKPJN & UJS)

1.3 Flood Plain Zoning: - Detail of flood plain zoning in Uttarakhand:

S. NO.	Name of River	Name of Concerned District	Name of Irrigation Division	River Bank	Length of River (In Km)	FPZ Survey Work Status	FPZ Initial Notification (Date of issue)	CS Meeting Approval	FPZ Final Notification
1	Bhagirathi	Uttarkashi TehriGarhwal	ID Uttarkashi ID N.Nagar	Both Bank Both Bank	100.85 22.25	Completed	5/10/20 28/09/20	Approved Approved	Issued
2	Bhilangana	Tehri Garhwal	ID New Tehri	Both Bank	68.00	Completed	28/09/20	Approved	Issued
3	Alaknanda	Chamoli Chamoli Rudraprayag Pauri Garhwal Tehri Garhwal	ID Chamoli ID Tharali ID Rudraprayag ID Srinagar ID N.Nagar	Both Bank Both Bank Both Bank Left Bank Right Bank	112.00 22.00 26.35 37.00 37.00	Completed	7/10/20 7/10/20 7/10/20 13/8/20 28/09/20	Approved Approved Under process Under process Approved	Issued Issued - - Issued

4	Mandakini	Rudraprayag Rudraprayag	ID Kedarnath ID Rudraprayag	Both Bank Both Bank	65.50 15.55	Completed	7/09/20 7/10/20	Under process Under process	-
5	Ganga	Tehri Garhwal Pauri Garhwal Pauri Garhwal Dehradun Haridwar	ID N.Nagar ID Srinagar ID Dugadda ID Dehradun ID Haridwar	Right Bank Left Bank Left Bank Right Bank Both Bank	68.00 16.00 68.00 16.00 6.00	Completed	28/09/20 13/8/20 11/8/20 7/10/20 9/11/20	Approved Approved Under process Proposed Proposed	Issued Issued - - -
6	Saraswati	Rudraprayag	ID Kedranath	Both Bank	0.70	-	19/01/2021	Proposed	-

Committee directed Irrigation Department to expedite the process of flood plain zoning final notification as per the set timelines.

(Action: Irrigation Department/Forest Department)

Agenda 2: Review of Namami Gange Projects:

The component wise status of projects was briefed by Program Director, SPMG.

a) Forestry Intervention:

- It was apprised to the Committee that funding for afforestation activity from MoEF&CC, matter was discussed in First NGC meeting dt. 19th Dec 2019, & decision was made to use State CAMPA funds for afforestation along the river Ganga for which MoEF&CC, States was directed for the action.
- In continuation to directions from DG, NMCG on the above, PCCF (HoFF) UK, directed CEO CAPMA (UK.) vide letter no. Kha-3211/13-2(2) dt.17.07.2021 for providing CAMPA funds for balance plantation works under Namami Gange Forestry Interventions for Ganga. In this regard CEO CAMPA vide letter no. 285/2021-22 dated 27.07.2021 informed that '2021-22 APO of CAMPA Uttarakhand is already finalized so it is not possible to take up any work this time. It would be appropriate to put up a demand of funds for plantation under Namami Gange in the next year's (2022-23) APO".
- APO 2021-22 for Namami Gange Forestry Interventions for Ganga of Rs. 4293.624 Lakh was approved by SPSC Uttarakhand on dated 23.06.2021 and submitted to the NMCG for final approval on dated 12.07.2021.
- Administrative approval and Expenditure sanctioned by NMCG on dated 26.10.2021 is for Rs. 2639.12 Lakh for the APO 2021-22 against the Rs 4293.624 lakh APO size. Under the approved APO 2021-22 by NMCG only Urban Landscape development works have been provisioned besides plantation maintenance.

Forest Department to start the preliminary exercises for afforestation activities under already approved APO of 2020-21 by the NMCG under Namami Gange Program and also do proper assessment for plantation requirement in different flood plain zones.

(Action: Forest Department).

- b). I&D and STP projects:** The Committee was apprised about the quantity of sewage being discharged in river Ganga and its tributaries/concerned drains and correspondingly proposed/existing.

Sl. No.	Point	Reply
1	Total Population in the state (as per the Population censuses,2011)	1, 00, 86,292
2	Estimated Sewage Generation in Urban areas	329.32 MLD
3	Estimated Sewage Generation in Rural areas	225.18 MLD
4	No. of Existing STPs	66 STPs
5	Installed treatment Capacity of existing STPs	396.755 MLD

6	Capacity being utilized	235.822 MLD
7	No. of STP which are under construction in the state	05 STPs
8	Treatment capacity of under construction STPs	52.15 MLD
9	Completion timeline of Under construction STPs	Mar-2022
10	Additional Proposed STPs in the State (in addition to above)	16 STPs
11	Treatment capacity of Additional Proposed STPs	53.05 MLD
12	No. of Drains to be intercepted	131
13	No. of Drains intercepted	128

Committee directed Jal Nigam to do a regular monitoring of all the assets created so that their efficiency and efficacy can be ensured. Further expedite the works under construction and also execution of the work for the I&D and STP projects in the polluted stretches sanctioned by the NMCG.

(Action: UKPJN, SPMG).

Agenda 3: Status of Solid Waste Management in 15 priority towns located along Ganga and continuous cleaning of municipal drains/nalas in these towns by Urban Development Department (UDD):

UDD apprised the progress to the Committee as below:

Summary/Status of SWM in Ganga Towns:

- SWM DPR of all 15 ULBs approved.
- Door to Door collection in all 196 wards (100%) and Source Segregation in 192 Wards (98%).
- Waste Processing 137.58 MTPD (55-33%) against total of 248.67 MTPD.
- Funds disbursed by GoI to all 15 ULBs and allotted to 14 ULBs except Rishikesh (Rs.11.48 Cr disbursed by GoI, yet to be allotted by GoUK), EFC has approved on 22-10-21 and plant functional at Haridwar.
- Legacy Waste: Out of 15 ULBs, no legacy waste reported in 7 ULBs.
- 2 ULBs (Haridwar (2sites), Rishikesh) in Principal Approval by GoI & In NN Rishikesh remediation work started by ULB with capacity of 600 TPD.
- Bio Remediation started in 3 ULBs (Srinagar, Muni-ki-Reti, and Uttarkashi);
- Gauchar and Karnprayag- Small quantity of Legacy Waste, bio remediation machine procurement is in process. Joshimath- work started at ULB level, recyclables have been separated.

Environmental clearance/Authorization:

- Environmental Clearance Obtained- 2 ULBs (Haridwar & Srinagar.
- In Process of Obtaining EC- Rishikesh, Joshimath, Chamoli- Gopeshwar.
- Applied for Authorization- Gauchar, Devprayag, Kirtinagar, Badrinath & Nandprayag. Rest (Karnprayag, Muniki Reti, Uttakashi, Gangotri, Rudraprayag)

UDD in co-ordination with ULBs must ensure effective Solid Waste management in the Ganga towns. The issues of Land clearance and Environmental clearance must be sorted out in an expeditious manner in co-ordination with the concerned departments.

(Action: Urban Development Department, SPCB).

Agenda 4: Water Quality Monitoring on main stem of Ganga:

- It was apprised that Uttarakhand Pollution Control Board (UKPCB) is monitoring water quality of river Ganga at 08 towns namely, Vishnuparyag, Nandparyag, Karanparyag, Rudraprayag, Uttarkashi, Devparyag, Rishikesh and Haridwar with total 21 location.
- The Water quality data indicates the quality of river Ganga from Vishnuprayag and Uttarkashi to D/s of the river Ganga at Rishikesh is 'A' category (Drinking water source without conventional treatment but with chlorination).

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- The water quality of river Ganga at Haridwar up to D/s of Haridwar town Dudhiyabad is 'B' category (outdoor bathing organized).

Chairman directed UKPCB to include the river Pinder in the monitoring mechanism established for water quality of river Ganga as it is important tributary of river Ganga.

(Action: UKPCB)

It was apprised to the committee that for the rejuvenation, protection, restoration and rehabilitation of river Ganga and its tributaries, District Ganga Committees have been constituted in all the Districts.

All the District Ganga Committees while exercising their powers must convene regular fortnightly meetings and monitor the progress of the activities being executed by the executing agencies to prevent Environment pollution in the river Ganga and its tributaries.

(Actions: All the concerned District Magistrates)

The meeting ended with a vote of thanks to the chair.


(Uday Raj Singh)
Program Director, SPMG &
Member Convenor,
State Ganga Committee

Copy to: -

1. Additional Chief Secretary, Environment & Forest, Government of Uttarakhand.
2. Secretary, Drinking Water & Sanitation, Government of Uttarakhand.
3. Chairman, Uttarakhand Environment Protection and Pollution Control Board.
4. Secretary, Urban Development, Government of Uttarakhand.
5. Secretary, Tourism, Government of Uttarakhand.
6. Secretary, Finance, Government of Uttarakhand.
7. Staff Officer to Chief Secretary, Government of Uttarakhand.
8. Secretary, Education, Government of Uttarakhand.
9. Secretary, Irrigation, Government of Uttarakhand.
10. District Magistrate, Dehradun, Haridwar, Tehri Garhwal, Pauri Garhwal, Rudrapur, Chamoli, and Uttarkashi, Udham Singh Nagar, Nanital, Bageshwar, Champawat, Pithoragarh, Almora.
11. Dr. A.A. Kazmi, Professor, Indian Institute of Technology (IIT), Roorkee.
12. Dr. A.K. Lohani, Scientist 'G', National Institute of Hydrology (NIH), Roorkee.
13. Dr. Santosh Rai, Scientist 'D', Wadia Institute of Himalayan Geology (WIHG), Dehradun.
14. Dr. Anil Gautam, People Science Institute (PSI), Dehradun.
15. Dr. Vishal Singh, Centre of Ecological Development & Research (CEDAR), Dehradun.


(Uday Raj Singh)
Member Convenor,
State Ganga Committee

Attendance Sheet

**Meeting of the State Ganga Committee (SGC) Under the
Chairmanship of Chief Secretary, Uttarakhand of Uttarakhand.**

Date: 02.11.2021

Time: 04.30 P.M

Venue -Chief Secretary building Meeting Hall, Secretariat, Dehradun.

S.No.	Officer Name	Designation & Department Name	Phone No.	E-mail	Signature
1	Dr. S.S. Sandhu	Chief Secretary Govt			
2	Neha Verma	AS, Forest & Env			
3	DR VIJAY KUMAR	PD Namami Gange Project (Forest)	9412051152		
4	S S Rasaily	APCCF Forest Environment	9412056430	ccfenruk@gmail.com	02/11/21
5	S.P. Sankhwar	Asstt & MS, UIC&ES.			2.11.21
6	AMITA JOSHI	Asst(Fin)			02.11.2021
7	Dr. Rajendra Singh	Asst, UAPCB	9412331110	28yathait2009@gmail.com	20/11/2021
8	PURUSHOTTAM SINGH	Dir L Operations UJVNLtd	9412992115	purushottams06rediffmail.com	21/11/21
9	Sushil Bhatt	A.E. SIDDUL	9412380142	sushilbhatt52@gmail.com	
10	Manoj Kesharwan	DGM, UJVNL	945659004	4-japmo@gmail.com	
11	A. A. Kazmi	IIT Roorkee	9837262678		
12	Uday Raj Singh	PD/SPMG AdSec DWS	9450166444		
13	Mukesh Monan	Eng, Irrigation	9412627452		
14	DEEPAK HALIK	GM (Ganga) U. Govt. Engg.	7906180705		
15	Ravi Pandey	SE. UDD	9837256961.		
16	Dr. S.K. Rai	Sc-E	9410709402		

17. Akshay Kumar Environment Specialist 7055300932
18. Mehajuddin Ahmed Tech. Asstt, 612 9675205351

AKS
H. B. ad