

Letter No. 450 /SPMG/Namami Gange/ SMC

Dated: 05/07/2021

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

Minutes of Meeting

Eleventh Meeting of State Ganga Committee (SGC), Uttarakhand dated 28.06.2021

The Eleventh meeting of Uttarakhand State Ganga Committee was held under the Chairmanship of Chief Secretary, Govt. of Uttarakhand on 28-06-2021 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 tenth 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 decisions taken in the tenth meeting of SGC wherein the concerned departments informed about the progress made on the status of House Service Connections (HSCs) in Devparyag, Badrinath and Gangotri as below:

a) Devparyag:

S. No.	Description	House Holds (HHs)	House Hold connected 25-06-2021	Balance House Holds (HHs)
1	Total House hold as per Nagar Palika records	609	425	184
Break-up of Balance House Holds (HHs)				
2	Feasible for connectivity			
3	Through Gravity	380	380	-
4	Through Pumping	38	34	4
5	Through Septage Management	112	1	111
6	By Shifting of Toilets	14	1	13
	Sub Total	544	416	128
Connectivity through other means/not required				
7	Building Abandoned	(-) 36	-	-
8	Building : No Toilet	5		5
9	Building : Under Flood plains	7	2	5
10	Building not identified (abandoned)	(-) 10		-
11	Building identified	07	7	-
	Sub Total	65	4	10
	Grand Total	563	425	138

- In Sr. No. 4, out of 04 household 03 are migrated and one single shop.
- In 36 +10= 46 buildings which have been certified as abandoned by District Magistrate, hence connectivity is not required.
- In Sr. No. 6, against 14, 1 toilet constructed, 3 have shifted their house and for rest 10, for SPS (as per Jal Nigam) 2.5m*2.5 m land required.
- In Sr. No. 8, 5 no. Toilets are not required as they are single shops, ATM, PCO etc.

b) Badrinath:

In Badrinath (through BADP), vehicle procured, and Devprayag, "Septage Suction Vehicle" procured (funds awaited from SPCB).

c) Gangotri:

In Gangotri tendering has been done for vehicle procurement, but considering small no. as 10, Demonstration for JokASU technology is in progress.

With regards to above, following directions were made by the Chairman:

- For the identified households at Devprayag and Badrinath to be covered through septage Management, suction vehicle's operationalization and regular monitoring to be ensured by the respective SMC.*
- For 10 number of households at Devprayag for which shifting of toilets and an alternative arrangement is required, the required land identification and allocation for SPS construction needs to be expedited. District Magistrate to intervene and sort out the issue.*
- For left out 07 households at Devprayag and 10 households at Gangotri, UDD in Co-ordination and UJS to co-ordinate with IIT-Roorkee for early demonstration of ZOKASU technology within 15 days and further give update on its efficacy.*
- For co-treatment of Septage, reminder letter to be send to NMCG by SPMG for approval of submitted DPR and early sanction of funds and subsequently tender to be floated by UKPJN at the earliest by January, 2021.*
- For 05 number of identified single shops, ATM, PCO not having toilets at Devprayag, It is to be ensured that they use the public toilet available near the area.*

(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 (SMC)** has been formed in all 15 priority towns. ULBs are in the process of implementation/ enforcement of Septage Management Protocol (SMP) through respective SMCs.
- 16 Septage suction and transportation vehicles** are available in 08 1- ULBs -Haridwar (3), Rishikesh (3), Muni ki Reti (03), Devprayag (01), Kirtinagar (1), Srinagar (02), Chamoli Gopeshwar(1), Uttarkashi (01) 2- smaller ULBs are using Suction Vehicles of the nearby towns.

Based upon the 'Model **Bye Laws for Septage Management**' developed by UDD in cooperation with GIZ, for fixing user charges and registration of private septage suction vehicles, the Bye Laws has been customized and **Gazette notification done by 5 ULBs (Rishikesh, Muni ki Reti, Joshimath, Badrinath, Devprayag)**, 5 ULBs sent to Roorkee for Notification (Kirtinagar, Chamoli, Karnprayag, Srinagar, Gangotri), 4ULBs Objection Invited (Gochar, Nandprayag, Rudraprayag, Uttarkashi), rest Haridwar Draft Ready, to be placed before Nagar Nigam Board.

Detailed **House Hold survey** for Rishikesh, Muni-Ki-Reti has been done and actions initiated by the ULBs. Also Devprayag, Badrinath and Gangotri done by joint effort of Jal Nigam, Jal Sansthan and ULB. Other ULBs are in the process as per SBM 2.0.

c) Septage implementation framework has been notified by Environment & Climatic Changes section, Govt. of Uttarakhand dated 19th January, 2021. Committee constituted to monitor the timely implementation of the protocol. Co treatment should be added in every existing and proposed STPs, decisions taken by Secretary, UD and directions issued to UUSDA and Jal Nigam.

d) Co-treatment of Septage in STPs:

Integrated wastewater and septage management approach as in Rishikesh is being adopted at Haridwar, Devprayag and Srinagar. DPRs for co-treatment prepared and submitted to NMCG.

e) Rishikesh : Based upon household survey done at Rishikesh with support of GIZ-SGR along with Geo-tagging of all the septic tanks. DPR for the household identified which are not connected to sewer network through co-treatment of septage in 26 MLD STP has been prepared and sent to NMCG by SPMG for Financial and administrative approval. Also DPR for co-treatment at Haridwar has been sent to NMCG for approval.

Chief Secretary, directed to send the reminder letter to NMCG by SPMG for approval of submitted DPRs for Co-treatment of septage at Rishikesh, Haridwar and Srinagar and initiate the tendering process and also expedite the septage management interventions in all the Ganga towns.

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

1.3 Flood Plain Zoning: -

Chairman enquired about the proceeding against eviction case(s) as per law regarding notification and further provisions of flood plain zoning by Irrigation department. Irrigation Department appraised to the Committee that: -

- Initial notification of Alaknanda, Bhagirathi, Bhilangana, Mandakini, Haridwar and Ganga Rivers has been issued and as per the Uttarakhand Flood Plain Zoning Act-2012 and final notification is under process, which will likely to be completed by July, 2021.
- The process has been initiated for flood plain zoning of Susva Gola and Kosi river, about 295 km, and proposal has been sent for approval.
- Further scope of flood plain zoning in 1st phase 13 rivers about 955 km and in 2nd phase 9 rivers about 1151 km have been identified.
- In District Uttarkashi 06 Nos. of encroachments has been removed as identified in flood plain notified area and in Haridwar process for removal of 13 nos. of encroachment has been initiated in the "Court of Flood plain zoning authority.

Chairman directed Irrigation department to remove the illegal encroachment in flood plain zones at Haridwar in co-ordination with District Administration by 25th July, 2020.

(Action: Irrigation Department/District Magistrate, Haridwar)

Agenda 2: Review of Namami Gange Projects:

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

- a) **Forestry Intervention:** The Committee was apprised of the ongoing Plantation Interventions and their Survival rate as below:

Plantation Interventions has been taken up as below:

Work in Progress APO 2020-21

Approved Amt. - Rs. 3995.581 Lakh

Released Amt. - Rs 3286.300 Lakh

Expenditure - Rs. 3179.875 Lakh (As on 31st March-21)

Main Physical Target Achievement-

1. Natural Landscape

Plantation - 1181.00 Ha. **Advance Soil Work** - 2111.50 Ha.

2. Agriculture Landscape Plantation - 86.00 Ha.

3. Urban Landscape RFD Work - 1.50 Ha.

4. Conservation Intervention Work - 301.18 Ha.

Progress since 2016-17 to 2020-21 as Against DPR Targets:

SN	APO Year	Natural Landscape Plantation (Ha.)	Agriculture Landscape Plantation (Ha.)	Urban Landscape (Ha.)	Conservation Intervention (Ha.)	Total Area (Ha) Year wise
	2016-17	-	304	21.75	268	593.75
1	2017-18	1401.00	603.85	1.50	130	2136.35
2	2018-19	2325.00	130	2.50	250	2707.5
3	2019-20	2598.20	289	-	-	2887.2
5	2020-21	1181.00	86	11.50	480	1758.5
Total		7505.20	1412.85	37.25	1128.00	10083.30
DPR Target		30303	15180	1406	7967	54855
Achievement		25%	9%	3%	14%	18.38%

It was updated to the committee that for making awareness about conservation of natural ecosystem, on the bank of river Ganga, 06 Ganga Vatikas were developed. Further NMCG has deputed IIFM Bhopal for 3rd party M&E Agency. In this regard a video conference was organized by IIFM Bhopal on 18.03.2021 in which it was discussed that soon they will start monitoring & evaluation of first 3 years forestry works and the report is expected by December 2021.

Concurrent Third party monitoring & evaluation at PMU level to be done by the State PMU, for which decision has been taken in the 2nd meeting of SPSC held on 23.06.2021. This would be initiated soon & impact assessment be done. Additionally an integrated MIS is also to be developed for the real time progress of the NGP, also approved on 23 June 2021.

Chairman while intervening in the discussion enquired about the slow progress against the DPR targets as prepared by the Forest Research Institute (FRI), Dehradun under Namami Gange program.

Additional Chief Secretary, Forest & Environment, briefed that due to limited funds allocation from NMCG for scaling up of afforestation activities under Namami Gange program, the comprehensive DPR by FRI, Dehradun could not be fully implemented.

Chairman directed Forest Department to write a letter to Ministry of Environment and Forest & Climatic Changes (MoEF&CC) for allocation of Funds for scaling up of large-scale interventions of afforestation activities under Namami Gange Program.

(Action: Forest Department).

b). I&D and STP projects: The Committee was apprised about the I&D and STP projects under Namami Gange Program as below:

Sl. No.	New STPs	Total Capacity STPs (MLD)	Status of functional STPs as on June, 2021		
			No.	Installed Capacity in MLD	Utilized Capacity
1	34	140.37	33	137.67	87.484
Existing STPs					
2	13	83.88	13	83.88	77.126
Total	47	224.25	46	221.55	164.61

It was apprised that out of 35 projects (13 old projects + 22 new projects) consisting of total 47 STPs, 46 STPs with treatment capacity of 221.55 MLD have been installed and are functional. 01 STP at Joshimath will be completed December, 2021.

Sl. No.	No. of Drains		No. of Drains intercepted as on June, 2021	
	No.	Discharge MLD	No.	Discharge MLD
Connected to new STPs				
1	61	28.50	58	26.30
Connected to existing STPs				
2	70	26.54	70	26.54
Total	131	55.04	128	52.84

It was further reiterated that the DPR for bio-remediation of 03 drains at Joshimath amounting Rs 32.85 lacs has been prepared by Jal Nigam and reviewed at SPMG-GIZ level. Chief Engineer, Jal Nigam updated that since the technical proposal of STP is under approval stage at NMCG, bio-remediation has been proposed in the 03 drains till they are diverted to the STP. Program Director SPMG suggested that the bio-remediation DPR could also be sent to NMCG for Administrative Approval and Expenditure Sanction under Namami Gange.

Additional Chief Secretary, Forest & Environment pointed out that Forest Department must undertake the afforestation activities within the premises of those STPs which are constructed under Namami Gange Program.

Chairman directed to write a letter to DG, NMCG for early sanctioning of technical proposal of STP at Joshimath. Also submit the proposal of bio-remediation of 03 drains of Joshimath to NMCG. Forest Department must carry out an assessment and ensure an adequate plantation within the premises of STPs constructed under Namami Gange Program.

(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:

Total No. of Wards	-	196
Door to Door Collection	-	196 (100%)
Source Segregation	-	142(72%), in March 2021- 129 (66%)
Total no. of HH+ shops	-	120448
Door to Door	-	115967 (96.3%, in March 21- 86.98%)
Segregation at Source	-	39009 (32.40%, in March 21- 30%)
Total Waste Generation	-	251.91 MTPD (Metric Ton per Day)
Waste treated	-	144.66 MTPD (57.43%)

DPR Status of SWM Projects:

S. No	Status of DPR/ Ist/ IInd Instalment released. (Funds released to all 15 Ganga ULBs)
1	Plant Functional – 1 (Haridwar)
2	- First/Second installment released – 11 ULBs (First & 2nd Installment to (Devprayag, Kritinagar, Joshimath, Chamoli), first installment to Muni-ki-Reti, Rudraprayag, Karaprayag, Gauchar, Badrinath, Srinagar & Nandprayag. (Also for Muni-ki-Reti remaining central share allotted by GoI on 15.06.2021) - State Funds released (65%) – 12ULBs (Devprayag, Kritinagar, Joshimath, Chamoli, Muni-ki-Reti, Rudraprayag, Gauchar, Badrinath, Srinagar, Nandprayag, Uttarakashi & Gangotri) - Central Share(35%) released by GoI on 15.06.2021- Rishikesh
Status of Legacy Waste	
1	7 Ganga Towns reported that it has been treated and disposed.
2	DPR of Haridwar and Rishikesh DPR prepared and in process of approval.
3	Srinagar, Muni-ki-reti, Uttarkashi, machine is being used for legacy waste treatment and disposal.
4	Process initiated Gauchar, Nanprayag and Joshimath.

ACS, Forest & Environment emphasised that for the management of Solid Waste, funds have been released for most of the sites and prior to the commencement of work, UDD has to obtain Consent to Establish (CTE) for all the sites from the State Pollution Control Board (SPCB).

UDD apprised that proposal of 20 sites for obtaining the CTE has submitted to SPCB and directions have been issued to all the ULBs for early submission of proposal for obtaining the CTE.

Chairman directed UDD for timely completion of work for Solid waste management. UDD must ensure the submission of proposals to SPCB within 15 days for obtaining the CTE prior to commencement of work, Also SPCB to proactively process and dispose off applications obtained for grant of the CTE.

(Action: Urban Development Department, SPCB).

Agenda 5: Directions of Hon'ble NGT dt. 08.02.2021 in O.A. 200/2014:

1. As per the Hon'ble NGT order dated 08.02.2021 "the concerned five States may take further remedial action on the subject of preventing discharge of untreated sewage/effluents and compiling the relevant information under relevant heads in terms of earlier directions as on 15.06.2021, which must include the following:
 - (a) Quantity of Sewage being discharged in river Ganga and its tributaries/concerned drains and correspondingly proposed/existing STPs to intercept the same with timelines.
 - (b) Performance of STPs and their compliance, particularly for fecal coliform.
 - (c) Water quality of Ganga at inter-State borders and at important public places/Ghats, which may show the level of compliance with regard to water quality.

Further with regard to the recovery of laid down compensation, it is made clear that the compensation must be faithfully paid by the concerned States by way of deposit to the CPCB which can thereafter be spent for restoration in the same State, as per action plan prepared for the purpose by the State and approved by the NMCG, after due evaluation on the pattern of orders earlier passed by this Tribunal. NMCG may monitor compliance. Control of pollution of river Ganga will be incomplete without controlling pollution of all the tributaries and drains connected thereto."

It was apprised to the Committee that in compliance to the Hon'ble NGT's directions pronounced dated 08.02.2021, Compliance report prepared for waving of Environmental Compensation on 04 under construction STPs projects and 22 untapped drains in the tributaries of river Ganga (including 01 STP and 03 drains at Joshimath) and submitted to CPCB.

Committee directed to submit the compliance report to National Mission for Clean Ganga for their consideration and further submission to Hon'ble NGT for waving of the Environment Compensation imposed on 04 under construction STPs projects and 22 untapped drains in the tributaries of river Ganga.

(Action: SMG)

2. Further as per the Hon'ble NGT's direction dated 13.08.2020 in O.A. no. 200/2014, There is need to take a holistic approach of treating river Ganga as a single entity and eco-system which requires pooling of fiscal resources by different stakeholders. The Forest Department may also explore community involvement in restoration and development projects, including raising of plantations, developing bio-diversity parks and artificial wet lands. Utilization of MGNREGA funds also need to be considered, a part from other sources of funding"

It was apprised to the Committee that for Pooling and dovetailing of fiscal resources, a committee was constituted under the Chairmanship Additional Chief Secretary, Rural Development Department, GoUK and till date committee has convened 04 meetings.

Chairman directed to call a joint meeting of the Committee in presence of ACS, Rural Development Department and ACS, Forest & Environment and so that Detail action plan of MNREGA & CAMPA funds can be ascertained. Chief Secretary gave his consent to preside over the meeting.

(Action: HOD, Irrigation)

- Chief Secretary took note of all the above mentioned points and following directions were given to all respective officials:
DM Uttarakashi apprised to the Committee that MoU has been signed between UNDP, Nagar Palika, District Administration and HDFC. Further UNDP and HDFC will manage the Solid Waste at Uttarkashi.
- Nagar Palika Uttarkashi must ensure proper actions for collection, transportation, processing of solid waste in an expeditious manner. Further District Magistrate to ensure the execution of work by next month and monitor the progress.

(Action: DM, Uttarakashi)

It was apprised to the Committee that Septage collection and disposal through suction vehicles is being done at the designated sewer Chamber as an interim measures till the time separate co-treatment facility is constructed at 26 MLD-STP, Lakkargaht in accordance with the DPR prepared. With regard to legacy waste tender has been floated by the ULB and MRF construction will initiated by the ULB with support of GIZ.

- DM Dehradun to personally monitor the actions being taken for Septage Management at Rishkesh and also take a stock of progress for legacy waste/RDF.

(Action: DM Dehradun)

All District Magistrates to convene regular meetings of the District Ganga Committee and monitor the progress of the works

(Actions: All the concerned District Magistrates)

Arth Ganga

The Hon'ble Prime Minister of India chaired the first meeting of National Ganga Council (NGC) which was held on 14th December 2019 in Kanpur, Uttar Pradesh. It was emphasized that Ganga rejuvenation should become a shining example of cooperative federalism. To augment the Ganga conservation efforts, Hon'ble Prime Minister suggested to link Ganga conservation with the development of local economy and directed the Namami Gange Mission to take the lead in developing a sustainable and viable economic development framework for the Ganga Basin as 'Arth Ganga' with an aim to integrate people participation, economic development together with Ganga rejuvenation. He also suggested that all the actions taken in this regard should contribute in harnessing 3% of the Gross Domestic Product (GDP) from Arth Ganga Model.

The focus areas of intervention will be (a) agriculture, including horticulture and floriculture, (b) fisheries, (c) tourism and culture, (d) handicrafts, including artisans in village subsistence industries, (e) renewable energy, (f) sustainable forestry, and (g) biodiversity and wetland conservation.

Chief Secretary directed to submit the detailed action plan of the interventions proposed for next five years and targets fixed for 03 months and for one year as per the concept note of the Arth Ganga Model. Further Chairman expressed his displeasure for those departments which has not submitted the compliance as per the Arth Ganga Model. And it was directed to

convene a separate meeting of departments like Fisheries, Animal Husbandry, Sustainable Forestry and biodiversity and wetland conservation.

(Actions: All the concerned departments)

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. Staff Officer to Chief Secretary, Government of Uttarakhand.
2. Principal Secretary, Environment & Forest, Government of Uttarakhand.
3. Principal Secretary, Rural Development, Government of Uttarakhand.
4. Secretary, Tourism, Government of Uttarakhand.
5. Secretary, Finance, Government of Uttarakhand.
6. Secretary, Urban Development, Government of Uttarakhand.
7. Secretary, Education, Government of Uttarakhand.
8. Secretary, Irrigation, Government of Uttarakhand.
9. Secretary, Department of Youth Affairs, Government of Uttarakhand.
10. Secretary, Horticulture Department, Government of Uttarakhand.
11. Secretary, Drinking Water & Sanitation, Government of Uttarakhand.
12. Chairman, Uttarakhand Environment Protection and Pollution Control Board.
13. District Magistrate, Dehradun, Haridwar, Tehri Garhwal, Pauri Garhwal, Rudraprayag, Chamoli, and Uttarkashi.
14. Dr. A.A. Kazmi, Professor, Indian Institute of Technology (IIT), Roorkee.
15. Dr. A.K. Lohani, Scientist 'G', National Institute of Hydrology (NIH), Roorkee.
16. Dr. Santosh Rai, Scientist 'D', Wadia Institute of Himalayan Geology (WIHG), Dehradun.
17. Dr. Anil Gautam, People Science Institute (PSI), Dehradun.
18. 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), Uttarakhand Under the Chairmanship of Chief Secretary, Government of Uttarakhand.

Date: 28.06.2021

Time: 03.00 pm

Venue -Chief Secretary Meeting Hall, Secretariat, Dehradun.

S.No.	Officer Name	Designation & Department Name	Phone No.	E-mail	Signature
1	Om Prakash	Chief Secretary, Govt. of Uttarakhand			
2	Anand Bhardwaj	Additional Chief Secretary, Govt. of Uttarakhand			
3	S.A. Murugesan	Sec - Irrigation	9412078700	smurugesan@gmail.com	
4	V. Shanmugam	Sec - (1/c)	9921689603		
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No.	Officer Name	Designation & Department Name	Phone No.	E-mail	Signature
17	A.K. Upadhyay	Joint Director Agriculture			
18	Akshay Kumar	Environment Specialist			
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