

Letter No. **790** /SPMG/Namami Gange/ **SGC**

Dated: **29/12/2020**

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

Minutes of Meeting

Tenth Meeting of State Ganga Committee (SGC), Uttarakhand dated 14.12.2020

The Tenth meeting of Uttarakhand State Ganga Committee was held under the Chairmanship of Chief Secretary, Govt. of Uttarakhand on 14-12-2020 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 ninth meeting of SGC.

Agenda wise discussion was held and the decisions taken are as follows:

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

The Committee was apprised of the decisions taken in the ninth meeting of SGC wherein the concerned departments informed about the progress made of the status of House Service Connections (HSCs) in Devprayag, Badrinath and Gangotri as below:

a) Devprayag:

S. No.	Description	House Holds (HHs)	House connected 11-2020	Hold 30-	Balance House Holds (HHs)
1	Total House hold as per Nagar Palika records	609	333		276
	Break-up of Balance House Holds (HHs)		-		-
2	Feasible for connectivity				
3	Through Gravity	380	332		48*
4	Through Pumping	38	1		37
5	Through Septage Management	112	-		112
6	By Shifting of Toilets	14	-		14
	Sub Total	544	333		211
	Not Feasible for connectivity				
7	Building Abandoned	36			36
8	Building : No Toilet	5			5
9	Building : Under Flood plains	7			7
10	Building not identified	17			17
	Sub Total	65			65
	Grand Total	609			276

It was updated that for connectivity of household through gravity and pumping, estimate has been approved for Rs.172.19 +26.90 = Rs 199.09 lacs. Total Fund released till date

Rs.56.90 lacs. Work in progress and expected to be completed by January 2021 subject to availability of fund.

For 112 household to be covered through Septage Management, DPR for Co-treatment in STP at Devprayag is being finalized by UKPJN in coordination with SPMG-GIZ.

- **Gangotri:** 10 households have been identified to be covered through septage management.
- **Badrinath:** 38 households are to be covered by septage management.

Status of fund allocation: - Director UDD apprised that in Devaprayag, Funds approved from Uttarakhand Pollution Control Board procurement of vehicle is in progress. In Badrinath, vehicle procured, funded through BADP. In Gangotri tendering has been done.

Principal Secretary, Forest & Environment, GoUK reiterated that the requirement for co-treatment provisions of collected septage in the existing STP at Devprayag should also be worked out simultaneously, so that it is taken care in the existing STP, as pointed out by GIZ and discussed in the last Supervisory Committee Meeting.

It was pointed out by Prof. A.K. Kazami, IIT Roorkee about the technical option of installing on site package type treatment plant, based upon Japanese Johkasou technology, which can be useful for on-site treatment at Gangotri (10 households) and the left out houses (07 in number).

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

- Household to be connected by Gravity/pumping at Devprayag by December, 2020.*
- For households through septage suction vehicles at Devprayag and Badrinath, work to be executed from 1st January, 2021.*
- For left out 07 households at Devprayag and 10 households at Gangotri, UDD in Co-ordination with UJS and IIT Roorkee to float tender for onsite treatment through ZOKASU technology by January, 2021.*
- For co-treatment of Septage, follow up with NMCG for early sanction of funds and tender to be floated and work to be started by UKPJN at the earliest by January, 2021.*
- DM Tehri to evaluate and furnish report within a week about the functional status of toilets in the 36 number of abandoned buildings and the ground status of 17 number of buildings not identified as per records.*
- For 05 number of households not having toilets at Devprayag, UDD to release funds within a week under Swatch Bharat Mission for toilets construction.*

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

- **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.

1.2 Status of Septage Management in Ganga towns: -

Following update was given by UDD: -

- SMCs meeting at Rishikesh was convened on 06.11.2020 and further actions initiated by Uttarakhand Jal Sansthan and ULBs for collections and disposal of Septage.
- Hand holding of all Ganga ULBs/SMCs was done by UDD in coordination with GIZ-SGR on 08.10.2020 for timely implementation of Septage Management interventions.

- Septage Bye Laws Notified in 4 Towns in 4 Towns sent for Publication to Roorkee Press, in 3 Objection Invited and in 4 Different Stages of Approval. Regular SMC (Septage Management Committee convened).

Chief Secretary directed to follow up with NMCG for approval of submitted DPRs for Co-treatment of septage at Rishikesh and Haridwar 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 proceedings regarding eviction case(s) against encroachers. Also regarding notification of flood plain zoning by Irrigation department. Irrigation Department apprised the Committee that: -

- Initial notification of Alaknanda, Bhagirathi, Bhilangana, Mandakini, Haridwar and Ganga Rivers has been issued and as per the Act final notification is under process, which is likely to be completed by February, 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 Haridwar & Uttarakashi, encroachers have been identified in flood plain notified area and the process for removal of these encroachment has been initiated and is pending in the "Court of Flood plain zoning authority".

Committee directed Irrigation department to initiate actions in co-ordination with District Administration for proceedings against encroachers in eviction case(s) as per law for their removal from areas of flood plain zones at Uttarkashi and Haridwar by 31st December, 2020.

(Action: Irrigation Department/District Magistrate, Haridwar & Uttarkashi)

• **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:

- AA&ES sanction for the project proposed by Uttarakhand Forest Department on "Forest Interventions for Ganga" approved under Namami Gange Programme at a Cost of Rs. 3995.58 for the year 2020-21. The GoI released Rs 8.28 crore for first and second quarters.
- Namami Gange project have been implemented as per the approved DPR by the Government of India. Under this program, Advance Soil Work of 2107 ha. will be carried out with in situ provision of soil and water conservation works.
- Under a separate Conservation Intervention scheme, soil and water conservation works will be carried out in 480 ha.

Chief Secretary directed Forest Department to submit the details of working plan, DPRs and the work in progress. Also, mid-term evaluation of plantation is to be done by independent agency by February, 2021.

(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)	No. of Drains		No. of Drains intercepted		Completed STPs		Bioremediation started from 1 st Nov. 2019
			No.	Discharge MLD	No.	Discharge MLD	No.	Capacity in MLD	No. of drain
1	32	131.89	61	28.50	58	26.195	31	129.170	3
Existing STPs									
2	14	82.86	70	26.54	70	26.54	14	82.86	
Total	46	214.75	131	55.04	126	52.735	45	212.03	3

Progress made as below:

- Out of 03 remaining STPs, 02 STPs at Srikot have been commissioned and trial run started in December, 2020.
- 01 STP at Joshimath is scheduled to be completed by March 2021.
- A DPR for Co-Treatment of septage with Sewage in the STP complex Jagjeetpur and Sarai amounting to Rs. 429.26 Lacs is submitted to NMCG vide SPMG, Dehradun letter dt. 20.10.2020 and is under approval process.

Chief Secretary directed the concerned agencies to complete the ongoing works before 31st March, 2021 and strictly adhere to the timelines as set by the Hon'ble NGT, for timely completion of ongoing interventions under Liquid Waste Management.

It further directed Jal Nigam to carry out 5% random sampling of water quality through the National Institute of Hydrology and submit the report to State Ganga Committee.

(Action: UKPJN, UJS, UEPPCB).

- **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):**

Summary/Status of SWM in Ganga Towns:

Total No. of Wards	-	196
Door to Door Collection	-	196 (100%)
Source Segregation	-	111 (57%)
Total no. of HH+ shops	-	147943
Door to Door	-	127419 (86.13%)
Segregation at Source	-	49116 (33.20%)
Total Waste Generation	-	371.90 MTPD (Metric Ton per Day)
Waste treated	-	207.51 MTPD (55.79%)

DPR Status of SWM Projects:

S.No.	Status of DPR/ Ist/ IInd Instalment released.
1	Plant Functional – 1 (Haridwar)
2	First/Second installment released – 9 ULBs (First & 2 nd Installment to

	Devprayag, Kritinagar, Joshimath, Chamoli), first installment to Muni-ki-Reti, Rudraprayag, Karaprayag, Gauchar, Badrinath
3	Approved by State SHPSC and sent to GoI-3 (Uttarkashi, Nandprayag & Gangotri)
4	Funds awaited from GoUK-1 (Srinagar)
5	Land available with ULB, EC awaited -1 (Rishikesh)
	Status of Legacy Waste
1	DPRs of Srinagar, Haridwar and Rishikesh towns have been prepared and are at approval stage

UDD further apprised about the limited availability of 35% of VGF sanctioned by Central Government for the approved projects on which it was quizzed by Principal Secretary, Forest & Environment, whether any action was taken by UDD to ensure the contingency amount.

Chief Secretary directed UDD to raise the contingency of 65% and escalate the matter upto Chief Minister Level for ensuring the release of State share for the projects for which central share of 35% have been received from Govt. of India.

Chairman, State Ganga Committee further directed to expedite the process for fund release and get the TAC and EFC done for Haridwar legacy waste project immediately and issue the GO for tendering and execution. Also UDD to provide the complete details for execution of Solid Waste Management projects with timelines.

(Action: Urban Development Department, DGC Haridwar).

• **Agenda 4: Approval for amendment in the existing structure of SGC:**

Program SPMG updated that in compliance to the decisions made in the 1st National Ganga Council meeting held on 14th December, 2019 and as per the framework of National Mission for Clean Ganga, a proposal was sent to NMCG by SPMG for reconstitution of State Ganga Committee with inclusion of additional departments to be included in the SGC having specific role towards adopting a holistic & integrated approach of Ganga rejuvenation.

NMCG vide letter no. Estt.01/2016-17/0111/NMCG dated 20th November, 2020 has informed that reconstitution of the SGC is long drawn process, However, as and when meeting of the SGC is convened, the members recommended for inclusion in the SGC may be invited as a 'Special invitees'.

Chief Secretary directed that the amended structure of State Ganga Committee (SGC) with inclusion of additional departments (viz. Rural Development Department, Horticulture Department, Department of Youth affairs, Department of Education and Department of Ayush) should be informed for participation in the next proposed meetings of SGC.

(Action: SPMG)

• **Agenda 5: Directions of Hon'ble NGT dt 18-12-2020 & 13.08.2020 in O.A. 200/2014:**

In compliance to the Hon'ble NGT directions pronounced dated 18.12.2019 and 13.08.2020, it has been directed that State of Uttarakhand may ensure the compliance and submit the compliance report on or before 30.12.2020 by the Chief Secretary, Govt. of Uttarakhand on the following directions:

- *Setting up of STPs, Interception and Diversion (I&D) of drains and preventing untreated sewage and effluents in the river Ganga.*
- *Preventing discharge of industrial effluents in Ganga and its tributaries/drains by ensuring installation of proper functioning of ETPs/CETPs.*
- *Utilization of treated sewage, use of sludge as a manure and septage management.*
- *Demarcation of flood plain zones and preventing encroachments thereof.*
- *Maintenance of e-flow.*
- *Preventing dumping of solid and other waste in and around Ganga.*
- *Clearing old legacy waste dump sites.*
- *Preventing and regulating illegal sand mining.*
- *Steps for conservation of groundwater particularly with reference to critical, semi-critical and over-exploited areas.*
- *Restoration of water bodies.*
- *Monitoring and displaying of water quality.*
- *Taking action against polluters by way of recovering compensation for restoration of the damage to the environment.*
- *Closing, till compliance, all establishments near river banks being run without necessary STPs and compliance of environmental norms.*
- *Public awareness and involvement for prevention and control of pollution of Ganga.*
- *Regulating activities on and around river Ganga including ghats and other establishments.*
- *Afforestation and setting up of biodiversity parks.*
- *CPCB and SPCB may periodically undertake biological assessment of Ganga. NMCG and States concerned may depict biological diversity of Ganga in public domain.*
- *Any others directions covered by earlier orders of this Tribunal.*

2. Further as per the Hon'ble NGT's direction dated 13.08.2020 in O.A. no. 200/2014, it has been directed that *"We also feel that there should be periodic joint meetings of the Chief Secretaries of the concerned States to consider vital issues like pooling of human resources and sharing best practices for rejuvenation of Ganga, particularly preventing discharge of sewage and other pollutants therein directly or in its tributaries or drains connected thereto. 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"*

Chief Secretary directed all the respective departments to submit the detailed compliance report along with timelines and incremental progress made from the last submission of compliance Affidavit to the Hon'ble NGT within two days to State Program Management Group, Namami Gange. Further all the concerned District Magistrates must also submit compliance report on the specific issues within their respective jurisdiction within two days.

(Action: All the Respective Departments & District Magistrates)

- **Directions given by Hon'ble NGT dated 29.06.2020 regarding River Stretches Critically Polluted: As per Hon'ble NGT in O.A. 673/2018 directed that "Ensure no pollution is discharged into water bodies".**

It was updated that a reminder has been sent to Director General, NMCG from Chief Secretary, GoUK vide letter no. 581/SPMG/Namami Gange/RC dated 25.10.2020 for according concurrence and financial approval for the submitted DPRs amounting to Rs. 228.40 crore for I&D and STP works for Rejuvenation of 09 – Polluted River Stretches.

NMCG has informed that the above DPRs is under Third Party Appraisal with TPA agency (Jamia Millia Islamia University, New Delhi) and also has been examined by NMCG and the observations made have been conveyed vide letter no. F.No. Pr-12011/9/2019-O/o Director (T-III) NMCG dated 1st December, 2020. Accordingly directions have been conveyed from Program Director, SPMG to Jal Nigam to comply with observations made by NMCG and submit the compliance report at the earliest.

Further it was updated that, in the 31st meeting of the Executive Committee of National Mission for Clean Ganga (NMCG) held on 13th November, 2020, Executive Committee (EC) has approved the submitted DPRs for In-Situ Treatment of untapped drains identified in the 09 polluted river stretches of Uttarakhand by Bio-remediation technologies for a period of 04 months covering Kumbh Mela period under Namami Gange Program at an estimated amount of Rs 2.6 Crores (including cost of project monitoring and O&M for 04 months). Directions have been given by Program Director SPMG to Jal Nigam to initiate the tendering process.

Chief Secretary directed Jal Nigam to comply with observations made by NMCG regarding the aforementioned DPRs of I&D & STPs works and immediately submit the DPRs for early sanctioning and administrative approval from NMCG. Further initiate the tendering process for approved bio-remediation projects so that it is executed timely during Kumbh period.

(Action: Jal Nigam)

- Chief Secretary took note of all the above mentioned points and following directions were given to all respective officials:
 - All the District Magistrates/Chairman of the DGCs to convene regular meeting of the DGCs and enforce different measures at local levels towards Ganga pollution abatement and Ganga Rejuvenation. **(Action: Respective DMs)**
 - Nagar Palika Uttarkashi must ensure actions for execution of proper transportation, processing of solid waste in an expeditious manner. Further Urban Development Directorate to release the funds for procurement of vehicles within a week. **(Action: Nagar Palika Uttarakashi)**
 - DM Haridwar and Nagar Nigam, Haridwar to work out for an alternative subsidy plan for transportation of legacy waste/ RDF to other states for economic viability of the project. **(Action: DM Haridwar, MNA Haridwar).**
 - DM Dehradun to personally monitor the actions to be taken for Septage Management at Rishkesh and work out plan for addressing the issues of Legacy waste/RDF. **(Action: DM Dehradun)**
 - Urban Development Department to immediately release the funds to all sanctioned projects for which VGF has been received from Govt. of India **(Action: UDD).**

Chief Secretary, directed to submit the action taken report for the above specific issues as well as the matters taken up in the District Ganga Committee at the earliest.

(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. 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 & Sainitation, 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) Under the Chairmanship
of Chief Secretary Government of Uttarakhand.**

Date: 14.12.2020

Time: 10.00 AM

Venue -Chief Secretary Meeting Hall, Secretariat, Dehradun

S.No.	Officer Name	Designation & Department Name	Phone No.	E-mail	Signature
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4	S.P. Sankhvi	Dir Env & CC & MS UKPCA.			
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