



HEAD OFFICE
Uttarakhand Pollution Control Board
"Gauri Devi Prayavaran Bhawan"

46B, I.T. Park, Sahastradhara Road, Dehra Dun

UKPCB/HO/Gen-476(Vol-II)/

6371-1265

Date: 23.01.2021

To,

Executive Director (Tech),
NMCG (National Mission for Clean Ganga),
Water Resources, River Development & Ganga Rejuvenation,
Ministry of Jal Shakti,
1st floor, Major Dhyanchand National Stadium,
India Gate, New Delhi-110002.

Sub: Monthly Progress Report (December, 2020) in matter of O.A. no. 673/2018, Rejuvenation of River as per Hon'ble National Green Tribunal order dated 20.09.2018, 19.12.2018, 08.04.2019-reg.

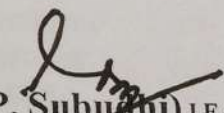
Sir,

Please find the enclosed herewith a copy of monthly progress report in revised format for the month of December, 2020 for your kind perusal.

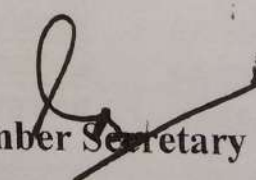
The soft copy of Monthly progress report is also sent to mail id ruby.raju@nmcg.nic.in, drpravin@nmcg.nic.in/multiyarpk@gmail.com.

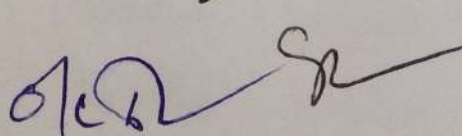
Enclosed:- As above.

Your's faithfully


(S.P. Subudhi) I.F.S.
Member Secretary

- Copy to: 1. Principal Secretary, Forest and Environment, Govt. of Uttarakhand/Chairman, River Rejuvenation Committee for kind information please.**
2. Staff Officer, Chief Secretary, Uttarakhand Secretariat/ Member Secretary, Environment Monitoring Cell for kind information and necessary action please.


Member Secretary



National Mission for Clean Ganga
Format for submission of Monthly Progress Report in the NGT matter OA No. 673
of 2018 (in compliance to NGT order dated 24.09.2020) For the State of
Uttarakhand (December- 2020)

Overall status of the State:

I.	Total Population (2011)	1,00,86,292
		Urban-30,49,338
		Rural-70,36,954
II.	Estimated Sewage Generation (MLD) (2011)	Urban- 329.32 MLD, Rural-225.18 MLD (Taking Rate of Water Supply for Urban @ 135 Lpcd & Rural @ 40 Lpcd)

III. Details of Sewage Treatment Plant:

•	Existing no. of STPs and Treatment Capacity (in MLD)	63 STPs of 379.00 MLD capacity
•	Capacity Utilization of existing STPs	232.89 MLD
•	MLD of sewage being treated through Alternate technology	165 MLD Through Septic tank and Soak pit.
•	Gap in Treatment Capacity in MLD	Urban- 96.43 MLD (329.32-232.89)
•	No. Of Operational STPs	59 (04 are shut down due to seasonal closure of Badrinath and Gangotri)
•	No. of Complying STP's	56
•	No. of Non-complying STP's	03

Details of each existing STP in the State

No.	Location	Existing STP Capacity (MLD)	Capacity Being Utilized (MLD)	Operational Status of STP	Compliance Status of STP
1	Badrinath (BamniGaon) District- Chamoli	0.26	-	Shut down.	Shut down, due to off season
2	Badrinath (Near Temple) District- Chamoli	0.01	-	Shut down.	Shut down, due to off season
3	Badrinath (Near suspension Bridge) District Chamoli	1.00	-	Shut down.	Shut down due to of season.
4	Joshimath (Pokhri)Badrinath District-Chamoli	1.08	0.421	Operational	complying
5	Gopeshwar (ChamoliGhat) District-Chamoli	0.76	0.05	Operational	complying
6	Gopeshwar (Near Suspension bridge) District Chamoli	0.05	0.007	Operational	complying
7	Gopeshwar (Vivekanand Colony) District-Chamoli	1.19	0.50	Operational	complying
8	Gopeshwar (DeenDayalUpadhyak)District-Chamoli	1.12	0.075	Operational	complying
9	Gopeshwar (Pokhari Band) District-Chamoli	1.25	0.50	Operational	complying
10	Nandprayag (Sangam Road) District-Chamoli	0.05	0.015	Operational	complying
11	Nandprayag (Forest office) District-Chamoli	0.10	0.09	Operational	complying
12	Karanprayag (Police chowki) District-Chamoli	0.05	0.05	Operational	complying

13	Karanprayag (Purana pull) District-Chamoli	0.10	0.01	Operational	complying
14	Karanprayag (Ward no. 1&3) District-Chamoli	0.10	0.035	Operational	complying
15	Karanprayag (Subhash Nagar) District-Chamoli	0.05	0.02	Operational	complying
16	Karanprayag (Naya Pull) District-Chamoli	0.05	0.02	Operational	complying
17	Rudraprayag (Near AnoopNegi School) Distt.Rudraprayag	0.075	0.075	Operational	complying
18	Rudraprayag (Near Rudra Complex) Distt- Rudraprayag	0.10	0.08	operational	complying.
19	Rudraprayag (Near Bus Stand) District- Rudraprayag	0.075	0.075	Operational	complying
20	Rudraprayag (Near SBI Masjid) District- Rudraprayag	0.10	0.090	Operational	complying
21	Rudraprayag (Near Steel Bridge) District- Rudraprayag	0.125	0.125	Operational	complying
22	Rudraprayag (Belani) District-Rudraprayag	0.50	0.025	Operational	complying
23	Kirtinagar (BRO Bridge)District-TehriGarhwal	0.05	0.03	Operational	complying
24	Kirtinagar (Near Temple)District-TehriGarhwal	0.01	0.01	Operational	complying
25	Bhagirathipuram, TehriGarhwal	5.00	2.50	Operational	complying
26	Chorpani Muni Ki RetiDistrict-TehriGarhwal	5.00	4.20	Operational	complying
27	ChandreshwarGhat, Dhalwala, District- TehriGarhwal	7.50	6.50	Operational	complying
28	Tapovan, Rishikesh, District-TehriGarhwal	3.50	1.10	Operational	complying
29	Shanti bazar, Devprayag,District-TehriGarhwal	0.075	0.04	Operational	complying
30	Sangambazar,DevprayagDistrict-TehriGarhwal	0.15	0.15	Operational	complying
31	Baah Bazar, DevprayagDistrict-TehriGarhwal	1.40	0.04	Operational	complying
32	Gyansu, UttarkashiDistrict-Uttarkashi	2.00	1.783	Operational	complying
33	Gangotri, UttarkashiDistrict-Uttarkashi	1.00	0.20	Shut down.	Shut down, due to off season.
34	Nursery Road, SrinagarDistrict-PauriGarhwal	3.50	1.50	Operational	complying
35	Srinagar (Near ITI)District-PauriGarhwal	1.00	0.50	Operational	complying
36	Taulia,srikot District-PouriGarhwal	0.05	0.008	Operational	complying
37	Junior,srikot, Shrinagar District-PouriGarhwal	0.075	0.070	Operational	complying
38	Swargashram, Rishikesh, District-PauriGarhwal	3.00	2.25	Operational	complying
39	Lakkarghat, RishikeshDistrict-Dehradun	26.00	12.50	Operational	complying
40	Jagjeetpur, HaridwarDistrict-Haridwar	27.00	27.00	Operational	complying
41	Jagjeetpur, HaridwarDistrict-Haridwar	18.00	18.00	Operational	complying
42	Jagjeetpur, HaridwarDistrict-Haridwar	68.00	45.00	Operational	complying
43	Sarai (I), HaridwarDistrict-Haridwar	18.00	18.00	Operational	complying
44	Sarai (II), HaridwarDistrict-Haridwar	14.00	13.00	Operational	complying
45	Saliyar, RoorkeeDistrict-Haridwar	33.00	20.00	Operational	complying
46	Motharawala-I, DehradunDistrict-Dehradun	20.00	13.52	Operational	complying
47	Motharawala-II, DehradunDistrict-Dehradun	20.00	11.00	Operational	complying
48	Kargi, DehradunDistrict-Dehradun	68.00	13.00	Operational	complying
49	Vijay Colony, DehradunDistrict-Dehradun	0.42	0.30	Operational	complying
50	Salawala, DehradunDistrict-Dehradun	0.72	0.35	Operational	complying
51	Indira Nagar, DehradunDistrict-Dehradun	5.00	5.00	Operational	complying
52	Jakhan, DehradunDistrict-Dehradun	1.00	0.35	Operational	complying
53	Bhattafall, MussoorieDistrict-Dehradun	3.12	1.00	Operational	complying
54	Happy Vally, MussoorieDistrict-Dehradun	1.20	0.20	Operational	complying
55	Landour, South, MussoorieDistrict-Dehradun	1.30	0.25	Operational	complying
56	Landour, North, Mussoorie District-Dehradun	0.80	0.30	Operational	complying
57	Kulri Bazaar, MussoorieDistrict-Dehradun	0.90	0.35	Operational	complying
58	Hari Nagar, NainitalDistrict-Nainital	0.45	0.25	Operational	complying

59	Krishna Nagar, Nainital District-Nainital	0.80	0.45	Operational	complying
60	Bheemtal, Nainital District-Nainital	1.25	1.00	Operational	Non-complying
61	Bakh, Almora District-Almora	2.00	1.65	Operational	Non-complying
62	Z-1 Pithoragarh District-Pithoragarh	5.00	1.00	Operational	complying
63	Z-2 Pithoragarh District-Pithoragarh	1.25	0.80	Operational	Non-Complying
	Total	378.69	232.89		

Show Cause Notice issued to 03 non-complying STPs on dated 21-12-2020

Details of under construction STPs in the State:

No.	Location	Capacity of the plant in MLD	Physical progress in %	Status of I & D or House sewer connections	Completion Timeline
1	Kolagarh District-Dehradun	3.00	Under Tendering.	-	December 2021.
2	Marwari, Joshimath District-Chamoli	2.70	40 %	-	June 2021.
3	Ramnagar District-Nainital	7.00	70 %	-	March 2021.
4	Ramnagar District-Nainital	1.50	45 %	-	March 2021.
5	Haldwani (Indira Nagar) District-Nainital	28.00	10 %	--	January 22.
6	Narayan Nagar, Nainital District-Nainital	0.450	80 %	-	March 21.
7	Kashipur District-US Nagar	18.00	45 %	-	October 2021
	Total	60.77			

02 new STPs namely Taulia, Srikot and Junior Srikot at District Pauri Garhwal completed and are under operational.

Details of proposed STPs in the State:

No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/Under Trending/Work to be Awarded)	Likely Date of Completion
1	Kashipur District-US Nagar (Proposed under river Rejuvenation of Dhella.)	10.00	DPR prepared and send to NMCG for approval.	Two year from sanction of fund.
2	Mukhandpur, Kashipur District-US Nagar (Proposed under river Rejuvenation of Bhella.)	0.310	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
3	Gularia, Kashipur District-US Nagar (Proposed under river Rejuvenation.)	0.14	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
4	Jaspur Kurd, Kashipur, District-US Nagar (Proposed under river Rejuvenation of Bhella.)	1.55	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
5	Hempur smile Kashipur District-US Nagar (Proposed under river Rejuvenation of Bhella.)	0.14	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
6	Beljuri, Kashipur, District-US Nagar (Proposed under river Rejuvenation of Bhella.)	0.310	DPR prepared and send to NMCG for approval	Two year from sanction of fund.

7	Bazpur District-US Nagar (Proposed under river Rejuvenation of River Pilakhal.)	8.50	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
8	Rudrapur District-US Nagar (Proposed under river Rejuvenation of Kalyani.)	26.00	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
9	Rudrapur District-US Nagar (Proposed under river Rejuvenation of Kalyani.)	18.00	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
10	Kichha, Rudrapur District-US Nagar (Proposed under river Rejuvenation of Kichha.)	2.00	DPR prepared and send to NMCG for approval	Two year from sanction of fund.
11	Mussoorie, Distric-Dehradun.	0.70	DPR not submitted at govt level due to non availability of funds.	-
12	Mussoorie, Distric-Dehradun.	1.10	DPR not submitted at govt level due to non availability of funds.	-
13	Mussoorie, Distric- Dehradun.	0.70	DPR not submitted at govt level due to non availability of funds.	-
14	Mussoorie, Distric- Dehradun.	0.70	DPR not submitted at govt level due to non availability of funds.	-
15	Mussoorie, Distric- Dehradun.	0.05	DPR not submitted at govt level due to non availability of funds.	-
16	Nainital, Distric-Nainital	18.00	DPR under UUSDIP.	-
17	Rusi Pond, District-Nainital	18.00	DPR under preparation.	-
	Total	106.20		

For 6 Polluting river Stretches (In Kumaon)- Combined DPR estimated cost Rs. 228.40 Crore for the interception of drains & construction of STP submitted by UKPJNN to NMCG through SPMG letter no. 495 / SPMG / Namami Gange / Polluted rivers Stretches dt. 27-08-2020 for financial approval. NMCG has engaged Jamia Milia University as Third Party Agency (TPA) for Appraisal of this DPR. TPA has carried out field inspection in last week of Dec 2020.

IV. Details of Industrial Pollution:

■	No. of industries in the State	8076
■	No. of water polluting industries in the State	830
■	Quantity of effluent generated from the industries in MLD	145 MLD
■	Quantity of Hazardous Sludge generated from the Industries in TDP	6407 MTPA
■	Number of industrial units having ETPs	830
■	Number of industrial units connected to CETP	890 (350 wet, 540 dry units)
■	Number and total capacity of ETPs (details of existing/ under construction/proposed)	175 MLD.
■	Compliance status of the ETPs	03 units have issued show cause notice in year 2020-21 due to noncompliance of environment norms and rest are complied.
■	Number and total capacity of CETPs (details of existing/under construction/proposed)	Existing-13.2 MLD, Under construction- Nil Proposed- 18 MLD
■	Status of compliance and operation of the CETPs	All 03 CETPs are complying to the environment norms.

Town	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (existing, under construction & proposed)
Haridwar	530	4.5 MLD	510 units are connected and rest 20 will be connected by January end 2021. 90% work has been completed.	One existing CETP with 5.2 MLD Capacity operational and complying to the norms. Proposed -Nil. Under Construction-Nil.
Pantnagar(USNagar)	498	2.0 MLD	305 units are connected and rest 193 will be connected by January 2021. 75% work has been completed.	One existing CETP with 4.0 MLD Capacity operational complying to the norms . Proposed at IIE Kashipur 1No(3MLD) Under Construction-Nil.
Sitarganj (US Nagar)	75	2.0 MLD	All 75 units are connected to CETP.	One existing CETP with 4.0 MLD Capacity operational and complying to the norms. Proposed -2No(12 MLD & 3MLD in designing phase) Under Construction-Nil.

V. Solid Waste Management

▪	Total number of Urban Local Bodies and their Population	91 Urban Local Bodies, Population- 3440814
▪	Current Municipal Solid Waste Generation	1551.76 MTPD
▪	Number, installed capacity and utilization of existing MSW processing facilities in TDP (bifurcated by type of processing eg.- Waste to Energy(Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio methanation, MRF etc.Existing Facilities	▪ Two waste processing & Sanitary Land fill (SLF) facilities (Dehradun : 300 Ton/day & Haridwar : 250 Ton/day) functional in the State. ▪ 02 Material Recovery Facility installed at Dehradun with financial support from UNDP. ▪ 01 Number of MRF in Rishikesh. ▪ German International Corporation, GIZ is in the process to establish Plastic Waste Management units in Haridwar and Rishikesh under Ganga Plastic Partnership. ▪ Plastic Compactors – 39 (28+11 Newly Installed) Functional. ▪ 09 are process of installation.
▪	Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap>20%)	Two CSWTF are in operational at Haridwar and Dehradun with 100 % utilization.
▪	No. and capacity of C&D waste processing plants in TDP (existing, proposed and under construction)	08 sites identified for C&D waste processing for 06 Model Towns. 01 Rishikesh and 01 in Kashipur also identified.
▪	Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source	Total number of Wards-1139, Door to door Collecton-1139, Source Segregation -792.

		(source segregation at 14 wards increased compared to last month)
▪	Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)	▪ 02 SWM plants functional in Dehradun & Haridwar covering 05 ULBs. ▪ 01 SWM project covering 07 ULBs is in process of approval, RFP & Feasibility report sent to Planning Department, GoUK. ▪ 23 DPRs covering 24 ULBs approved by Government of India & Fund release in form of Central share in all 23 Projects & state share in 09 ULBs. ▪ 33 DPRs Covering 39 ULBs : approved by Government of India, funds awaited from state. (DPR of 07 ULBs approved in compare to last month report.) ▪ 03 DPRs covering 13 ULBs are approved by Government of Uttarakhand in SHPC meeting held on 29.10.2020 and sent to Government of India for approval. ▪ 02 DPRs covering 02 ULBs are prepared and in process of approval at State level. ▪ 01 DPR covering 01 ULB (Chaukhutiya) is under preparation. (5+7+24+39+13+2+1=91)
▪	No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills	▪ 02 Sanitary Landfill (Haridwar & Dehradun). ▪ Total 25.15 Lakhs Cubic metre of legacy waste in 34 Nos. of ULBs, 57 ULBs have reported no legacy waste/treatment & clearance of waste.
▪	No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers	07 (Uttarakashi, Haldwani, Kotdwar, Doiwala Shrinagar, Rishikesh & Purola), as informed by ULBs.
▪	No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers	There are total 181 small and big drains identified in Ganga Towns. All the drains has been tapped by Jal Nigam and regular cleaning is being done by concern ULBs.

All 181 small and big drains have been tapped.

Status of ULB wise Management of Solid Waste

ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
Dwarahat District-Almora	1.5	0	No facility exists.	Nil	Approve by Gol, Go to be issued by GoUK
Almora District-Almora	10	5	No facility exists.	Nil	Approved, Fund issued by Gol & State
Ranikhet Chiniyanaul Distt-Almora	1.53	0	No facility exists.	Nil	Approve by Gol, Go to be issued by GoUK
Chaukhutiya Distt-Almora	-	-	-	-	Newly formed ULB, to be covered using Dwarahat.

Bhikyasain District Almora	2	0	No facility exists.	Nil	Approve by Gol, GO to be issued by GoUK
Bageshwar District-Bageshwar	11	6	No facility exists.	Nil	DPR approved by SHPC
Kapkot District-Bageshwar	2	0	No facility exists.	Nil	Approved , Fund issued by Gol & State
Badrinathpuri District-Chamoli	0.8	0.4	No facility exists.	Nil	Approved , Fund issued by Gol
Joshimath District-Chamoli	8.4	8.4	No facility exists.	Nil	Approved , Fund issued by Gol & State
Chamoli District-Chamoli	7.5	1.7	No facility exists.	Nil	Approved , Fund issued by Gol & State
Nandprayag District-Chamoli	0.6	0.6	No facility exists.	Nil	Approved by GOI, Go to be issued
Gochar District-Chamoli	5.1	1.64	No facility exists.	Nil	Approved , Fund issued by Gol
Karnprayag District-Chamoli	8	7.13	No facility exists.	Nil	Approved , Fund issued by Gol
Gairsain District-Chamoli	3	0	No facility exists.	Nil	Approved by GOI, Go to be issued by GoUK
Pokhari District-Chamoli	0.36	0.15	No facility exists.	Nil	Approved , Fund issued by Gol & State
Pipalkoti District-Chamoli	4	0.1	No facility exists.	Nil	DPR approved by SHPC
Tharali District-Chamoli	0.35	0.1	No facility exists.	Nil	Approved by GOI, Go to be issued by GoUK
Champawat District-Champawat	4	2	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUK
Lohaghat District-Champawat	3	2	No facility exists.	Nil	Approved , Fund issued by Gol
Tanakpur District-Champawat	5.5	2.5	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUK
Banbasa District-Champawat	3.5	1	No facility exists.	Nil	Approved , Fund issued by Gol
Vikasnagar District-Dehradun	16	14	No facility exists.	Nil	In Dehradun Cluster, plant functional
Herbertpur District-Dehradun	4	2	No facility exists.	Nil	In Dehradun Cluster, plant functional
Mussoorie District-Dehradun	18	15	No facility exists.	Nil	In Dehradun Cluster, plant functional
Doiwala District-Dehradun	33	33	No facility exists.	Nil	DPR approved by SHPC, in Rishikesh Cluster
Dehradun District-Dehradun	280	280	Facility exists.	280	Plant Functional
Rishikesh District-Dehradun	60	42	No facility exists.	Nil	DPR approved by SHPC
Pauri District-Pauri	12	6	No facility exists.	Nil	Approved , Fund issued by Gol
Dogadda District-Pauri	1.08	0.55	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUK
Kotdwar District-Pauri	80	31	No facility exists.	Nil	DPR approved by SHPC
Swargashram Jonk District-	1.5	0.01	No facility exists.	Nil	DPR approved by SHPC, in

Pauri			exists.		Rishikesh Cluster
Satpuli District-Pauri	1	0	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Srinagar District-Pauri	6	5	No facility exists.	Nil	DPR Approved , Fund issued by Gol
Jhabrera (Roorkee) Distt-Haridwar	10	0	No facility exists.	Nil	DPR approved by SHPC, in Roorkee Cluster
Manglaur (Roorkee) District-Haridwar	16	7	No facility exists.	Nil	DPR approved by SHPC, in Roorkee Cluster
Haridwar District-Hardwar	255	89	Facility exists.	255	Plant Functional
Laksar (Roorkee) Distt-Haridwar	10	10	No facility exists.	Nil	DPR approved by SHPC, in Roorkee Cluster
Shivalik Nagar District-Haridwar	14	6	No facility exists.	Nil	DPR in process of approval
Bhagwanpur (Roorkee) District-Haridwar	9	5	No facility exists.	Nil	DPR approved by SHPC, in Roorkee Cluster
PIRAN KALIYAR District-Hardwar	6	6	No facility exists.	Nil	DPR Approved , Fund issued by Gol
Roorkee District-Hardwar	104	35	No facility exists.	Nil	DPR approved by SHPC, in Roorkee Cluster
Landhaura (Roorkee) Distt-Hardwar	8	2.5	No facility exists.	Nil	DPR approved by SHPC, in Roorkee Cluster
Nainital District-Nainital	22	0.2	No facility exists.	Nil	DPR approved , RFP sent to GoUK, in Haldwani Cluster
Bhowali District-Nainital	3	3	No facility exists.	Nil	DPR approved , RFP sent to GoUK, in Haldwani Cluster
Haldwani-Kathgodam District-Nainital	120	29	No facility exists.	Nil	DPR approved , RFP sent to GoUK, in Haldwani Cluster
Ramnagar District-Nainital	24	3.22	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Kaladhungi District-Nainital	3.69	0.015	No facility exists.	Nil	Approved by GOI, Go to be issued by GoUk
Lalkuan District-Nainital	4.2	0	No facility exists.	Nil	DPR approved , RFP sent to GoUK, in Haldwani Cluster
Bhimtal District-Nainital	2.5	0.05	No facility exists.	Nil	DPR approved , RFP sent to GoUK, in Haldwani Cluster
Dharchula District-Pithoragarh	4	4	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Pithoragarh District-Pithoragarh	28	6	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Gangolihat District-Pithoragarh	1.7	0	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Berinag District-Pithoragarh	4	1.8	No facility exists.	Nil	DPR approved by SHPC
Didihat District-Pithoragarh	3.6	0.1	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Kedarnath District-Rudraprayag	0.5	0.005	No facility exists.	Nil	DPR in process of approval
Ukhimath District-Rudraprayag	1.2	0.02	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Augustmuni District-Pithoragarh	2.9	2.154	No facility exists.	Nil	Approved , Fund issued by Gol & State

Tilwara Rudraprayag	District-	0.98	0	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Rudraprayag Rudraprayag	Distt-	4	1.26	No facility exists.	Nil	Approved , Fund issued by Gol
Kirtinagar District-Tehri		1.3	1.2	No facility exists.	Nil	Approved , Fund issued by Gol & State
Devprayag District-Tehri		5	2	No facility exists.	Nil	Approved , Fund issued by Gol & State
Tehri District-Tehri		9.6	5.7	No facility exists.	Nil	Approved , Fund issued by Gol & State
Chamba District-Tehri		4	4	No facility exists.	Nil	
Muni Ki Reti District-Tehri		14.5	14.5	No facility exists.	Nil	Approved , Fund issued by Gol
Ghansali District-Tehri		2.6	0.4	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Lambgaon District-Tehri		0.85	0.55	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Gaja District-Tehri		1	0	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Chamiyala District-Tehri		1	1	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Narendranagar Tehri	District-	1.2	0.35	No facility exists.	Nil	In Rishikesh Cluster
Kashipur U.S.Nagar	District-	54	2.45	No facility exists.	Nil	DPR approved by SHPC
MahuaDabraHariura District-US Nagar		3	0	No facility exists.	Nil	
Jaspur District-US Nagar		25	20	No facility exists.	Nil	DPR approved by SHPC
Sultanpur Patti District-US Nagar		2	1.316	No facility exists.	Nil	In Gadarpur Cluster, Approved by GOI, GO to be issued by GoUk
Bazpur District-US Nagar		14	3.2	No facility exists.	Nil	
KelaKhera Nagar	District-US	6.5	3	No facility exists.	Nil	
Rudrapur District-US Nagar		60	33	No facility exists.	Nil	In Haldwani Cluster
Kichha District-US Nagar		25	0	No facility exists.	Nil	
Dineshpur Nagar	District-US	4	0.5	No facility exists.	Nil	DPR approved by SHPC, In Cluster with Gularbojh
Shaktigarh District-US Nagar		1.2	0.32	No facility exists.	Nil	Approved by GOI, GO to be issued by GoUk
Sitarganj District-US Nagar		19	19	No facility exists.	Nil	DPR Approved , Fund issued by Gol
Khatima District-US Nagar		27.3	9.7	No facility exists.	Nil	DPR approved by Gol, GO to be issued by GoUk
Nanakbata Nagar	District-US	0.5	0.3	No facility exists.	Nil	DPR Approved , Fund issued by Gol
Gularbojh(Dineshpur) Distri ct-US Nagar		5.6	5.6	No facility exists.	Nil	DPR approved by SHPC, In Cluster with Gularbojh

MahuaKheraganj Distt-US Nagar	4.5	2	No facility exists.	Nil	DPR Approved , Fund issued by Gol
Gadarpur District-US Nagar	12.5	3	No facility exists.	Nil	In Gadarpur Cluster, Approved by Gol, GO to be issued by GoUK
Barkot District-Uttarkashi	3	0.5	No facility exists.	Nil	DPR Approved , Fund issued by Gol & State
Uttarkashi iDistrict-Uttarkashi	12	11	No facility exists.	Nil	DPR Approved by Gol, GO to be issued by GoUK
Gangotri District-Uttarkashi	1	0	No facility exists.	Nil	
Purola District-Uttarkashi	0.75	0.4	No facility exists.	Nil	DPR to be approved by SHPC
Chinyalisaur District-Uttarkashi	2.5	2.5	No facility exists.	Nil	DPR Approved by Gol, GO to be issued by GoUK
Naugoun District-Uttarkashi	1.3	1.3	No facility exists.	Nil	DPR approved , Fund issued by Gol
Total	1582.69	827.39			

Treatment and Disposal facility for SWM- Land Identification and Procurement status is as follows (for Total 91 ULBs):

- Procurement of land completed for 73 ULBs (9 Clusters serving 34 ULBs and 39 ULBs procured individually)
- Land identified on rent basis:- 5 ULBs land on rent (Nathuvawala Model: Ward no. 100 Dehradun).
- 01 Cluster covering 2 ULBs have identified forest land.
- 04 ULBs individually identified forest land.
- 05 ULBs individually identified revenue land.
- 01 ULB identified SEDCUL land.
- 01 ULB (Chaukhutiya) has tied up with Dwarahat Nagar Panchyat.

(73+5+6+5+1+1=91)

Source segregation in 14 more wards has been increased in compare to last month.

03 more ULBs land procurement has been completed in compare to last month.

05 more DPR has been approved in compare to last month.

VI. Bio-medical Waste Management:

▪ Total Bio-medical generation	3.81MTPD
▪ No. of Hospitals and Health Care Facilities	4270
▪ Status of Treatment Facilities/CBMWTF	Two CBMTF facilities are operational in the State with existing capacity 4.8 MTPD.

The existing capacity of the common bio-medical waste treatment and disposal facilities (CBMWTF) is more than total waste generation in the State.

VII. Hazardous Waste Management:

▪ Total Hazardous Waste generation	6407 MTPA
▪ No. of Industries generation Hazardous waste	4016
▪ Treatment Capacity of all TSDFs	Incineration-12000 MTPA and Land filling-8000 MT
▪ Avg. Quantity of Hazardous waste reaching the TSDFs and Treated	4016 MTPA
▪ Details of on-going or proposed TSDF	Expansion of existing facilities is proposed.

ed, Fund issue
Approved
by

The existing capacity of the common Hazardous Waste Treatment and Disposal Facilities (CHWTF) is more than total waste generation in the State.

VIII. Plastic Waste Management:

■	Total Plastic Waste generation	183000 MTPA(25000 MTPA by ULBs, 158000MTPA plastic waste is collected and recycled by 34 Recyclers)
■	Treatment/Measures adopted for reduction or management of plastic waste	39 Plastic compactors has been installed and are being operated by ULBs and 09 more compactor are in the process of installation.
IX.	Details of Alternate Treatment Technology being adopted by the State/UT	The treatment technologies i.e SBR,MBBER,SBT and Electro Coagulation are being used in the state for STPs . In additional of above, Bio remediation treatment technology have been adopted for treatment of drains for the period till STPs are constructed and becomes functional.
X.	Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in situ treatment	<u>Main Ganga Stream:</u> Total 135 drains identified the budget has been sanctioned for 131 drains. Out of 131, 126 drains have been tapped, remaining 04 drains, 03 drains of Joshimath to be tapped by May 21 and 01drain Gopeshwar expected to be tapped by February 21. In situ treatment (Bioremediation) of 03 drains of Srikot, Shrinagar and 1 drain Rishikesh has not been taken up due to BOD load is less than 30 mg/l. <u>Dehradun:</u> Total 177 nos small household drains has been sanctioned under Namami Gange Programme. Work started from June 2020 and expected to be completed by June 2021. <u>Ramnagar:</u> Total 06 nos drains has been sanctioned under Namami Gange Programme and to be tapped by June 2021. <u>09 Polluted Stretches:</u> A. The 06 Polluting river Stretches (In Kumaon)- Combined DPR estimated cost Rs. Rs. 228.40 Crore for the interception of drains & construction of STP submitted by UKPJNN to NMCG through SPMG letter no. 495 / SPMG / Namami Gange / Polluted rivers Stretches dt. 27-08-2020 for financial approval. NMCG has deputed Jamia Milia University as Third Party Agency (TPA) for Appraisal of this DPR. TPA has carried out field inspection in last week of Dec 2020. B. The Polluting Stretch Kalyani River (Kumaon), DPR is under preparation by UKPJN and expected to be submitted by Mar 2021. C. The Polluting Stretch Suswa River (Dehradun) will be taken up under DPR approved for "I&D works of Rispana and Bindal Under Namami Gange Project. Polytechnic drain or Lakkargha drain is the treated effluent channel for new 26 MLD STP based on SBR technology has been commissioned at Lakkarghat. D. The Polluting Stretch (From Haridwar to Sultanpur) already meeting the bathing criteria.

		Bio-remediation of drains – DPR of Rs. 2.59 Crore approved by NMCG for total 19 drains on dated 14-12-2020. 06 Drains Kichch River. 03 Drains Suswa River. 01 Drains Rispana River. 01 Drains Bindal River. 07 Drains River Bhella, Kichcha and Pilakhal. 01 Drains Ukrouli, Sitraganj. UKPJN has invited bids and bioremediation will be started before Kumbh Mela (February) 2021.
XI.	Details of Nodal Officer appointed by Chief Secretary in the State/UT	Environmental Cell has been setup in the office of chief secretary
XII.	Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT	--
XIII.	Latest water quality of polluted river, its tributaries, drains with flow details and groundwater quality in the catchment of polluted river	The analysis report of December 2020 is annexed at Annexure-01
XIV.	Groundwater regulation	Ground water quality monitoring is carried out on half yearly basis for 09 polluted river stretches. Next round of monitoring is scheduled on February 2021.
XV.	Good irrigation practices being adopted by the State	Treated water of 27 & 68 MLD STPs at Jagjeetpur, Haridwar is already being reused for irrigation through Canal system constructed for this purpose.
XVI.	Rain Water Harvesting	----
XVII.	Demarcation of Floodplain and removal of illegal encroachments	<u>09 polluted stretches:</u> Out of 09 polluted river stretches, 05 are non-perennial, no flood zoning is required as per irrigation department, 01 Ganga river stretches Flood plain zoning has been notified. Rest 03 rivers (Kosi, Suswa & Kichha/Gola) flood plain zoning has been initiated, which will be completed by July 2022.
XVIII.	Maintaining minimum e-flow of river	Govt of Uttarakhand has directed to all Hydro Electric Projects Developer in the State of Uttarakhand to release minimum E-Flow of 15 % of the average lean season. Government of Uttarakhand has also designated Uttarakhand Jal Vidhyut Nigam Ltd (UJVNL) as the monitoring agency for the compliance of minimum E-Flow in the state of Uttarakhand, apart from that Central Water Commission is the nodal agency to monitor the compliance of Ministry of Jal Shakti, Govt of India notification regarding minimum E-Flow notified on 10.10.2018.
XIX.	Plantation activities along the rivers	The Plantation Activities are being carried out in the larger catchment area of Ganges. In Financial Year 20-21, at the end of December, 2020 a total of 5020.51 ha of plantation activities have been completed under the various schemes of Uttarakhand CAMPA. Under Kosi river rejuvenation programme specifically 180000 plants were planted in 2018-19 and 45000 plants have been planted in 2019-20 in catchment area of Kosi river in district Almora.

		Apart from the above, catchment area treatment of 06 polluted rivers of Uttarakhand (namely Bhella, Dhella, Suswa, Pilakhar, Nandhour and Kalyani rivers) has been planned under Uttarakhand CAMPA, the DPR of which shall be prepared with the help of IIWSC in this financial year and the implementation work shall be completed in next financial year.
XX.	Development of biodiversity park	-----
XXI.	Reuse of treated Water	Treated water of 27 & 68 MLD STPs at Jagjeetpur, Haridwar is already being reuse in irrigation through Canal system constructed for this purpose.
XXII.	Model River being adopted by the State & Action Proposed for achieving the bathing quality standards	River Ganga from Haridwar to Sultanpur stretches has been identified as a model river for achieving the bathing quality standards. The model River report has been prepared and to be placed in the RRC meeting.
XXIII.	Status of preparation of Action Plan by the 13 Coastal States	Not related to Uttarakhand State.
XXIV.	Regulation of Mining Activities in the State/UT	The State government has framed the State Mining Policy for mining activities. The State Government recovered Rs 39.42 Crs as a penalty from 3537 cases of illegal transportation/illegal mining/Storage from 2017 to May 2019.
XXV.	Action against identified polluters, Law violators and officers responsible for failure for vigorous monitoring	Uttarakhand Pollution Control Board has collected total 1.16 Crs from various defaulters /low violators as environment compensation from violators unit.



The Surface Water Quality of 09 polluted river stretches for the month of December, 2020

S.No	Name of Polluted River Stretches	Location	pH	DO (mg/l)	BOD (mg/l)	COD (mg/l)	EC ($\mu\text{S}/\text{cm}$)	TDS (mg/l)	TSS (mg/l)	Total Coliforms (MPN/100ml)	Faecal Coliform (MPN/100 ml)
1	Dhella	US	7.2	3.9	6.9	29	485	338	60	240	110
		DS	6.7	1.3	15	63	570	450	87	920	540
2	Bhella	US	7.2	4.1	7.9	27	265	198	20	350	70
		DS	6.8	1.6	16	96	500	365	59	430	170
3	Kichha	US	6.9	3.9	10	26	490	360	26	280	84
		DS	7.4	6	4.8	22	450	410	45	920	430
4	Suswa	US	7	3	27	108	945	650	-	≥ 1600	≥ 1600
		DS	7.6	8	2.2	6	772	510	-	79	43
5	Kalyani	US	7.1	4.1	5.7	21	340	258	24	150	63
		DS	6.5	1	16	98	590	395	53	920	430
6	Kosi	US	7.1	5.2	7.1	20	310	250	28	430	170
		DS	7.2	5.6	7.4	24	430	320	40	1600	350
7	Pilakhar	US	7.1	3.1	8.5	27	510	372	44	280	94
		DS	7.1	4	8.6	42	351	240	55	350	140
8	Nandhour	US	DRY								
		DS	7.5	5	4.5	19	430	325	30	540	170
9	Ganga	US	7.7	8.8	1	6	248	161	-	84	58
		DS	8	9	1.4	8	246	160	-	110	58

Phoulet