Government of Jammu & Kashmir
Forest, Ecology & Environment Department
Civil Secretariat
www.jkforestadm.nic.in

Executive Director (Technical),
National Mission for Clean Ganga,
Department of Water Resources, River Development
& Ganga Rejuvenation, Ministry of Jal Shakti,
Shram Shakti Bhawan, New Delhi

NO:- FST/Lit/135/2018-I

Dated: **19**.02.2021.

Subject:- Monthly Progress Report by States/UTs, Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019 for the month of **January, 2021.**

Sir,

I am directed to enclose herewith copy of Monthly Progress Report (as per revised format) in compliance to the Hon'ble NGT order dated 06.12.2019 in respect of J&K UT for the month of **January, 2021** for favour of information and further necessary action.

Yours faithfully,

19/02/2021

(Amit Sharma) KAS
Special Secretary to Government
Forest, Ecology & Environment Department

Encls: As above.

Copy to the:

1. Member Secretary, Central Pollution Control Board, New Delhi alongwith copy of Monthly Progress Report in respect of J&K UT for the month of January, 2021.
2. Private Secretary to the Commissioner/Secretary to Government, Forest Environment and Ecology Department for information of the Commissioner/Secretary.

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UNION TERRITORY OF JAMMU AND KASHMIR
Revised 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 month of January, 2021

National Mission for Clean Ganga (Ministry of Jal Shakti, GoI)

Overall status of the UT :

I. **Total Population** : Urban Population & Rural Population separately (***projected 2020***)
   a) Urban Population = **48.43** lac
   b) Rural Population = **101.57** lac

II. **Estimated Sewage Generation** (MLD):
   a) Urban @ 108 lpcd = **523** MLD
   b) Rural @ 44 lpcd= **447** MLD

III. **Details of Sewage Treatment Plant** :

- Existing no. of STPs and Treatment Capacity in (MLD): 15 Nos./139.40 MLD
- Capacity Utilization of existing STPs: 82.90 MLD
- MLD of sewage being treated through Alternate technology: 0.52 MLD
- Gap in Treatment Capacity in MLD: 383.08
- No. of Operational STPs: 11 Nos.
- No. of Complying STPs
- No. of Non-complying STPs:

(A) Details of each existing STP in the UT of J&K – (updated by HUDD/UEED)

i) In Jammu					
No.	**Location**	**Existing STP Capacity (MLD)**	**Capacity being utilized (MLD)**	**Operational status of STP**	**Remarks**
1	Bhagwati Nagar, Distt.Jammu	30	13+7=20	Operational	Polluted River Stretches (PRS)
2	Bhagwati Nagar, Distt.Jammu	27	07	Under testing and Commissioning	PRS
3	Bhagwati Nagar	10	Nil	Under Refurbishment	PRS
4	Jagti,Distt.Jammu	4	2	Operational	Other than PRS
5	Katra,Bhawan, Distt.Reasi. (SMVDSB)	3.2	2	Operational	Under the Control of Shri Mata Vaishno Devi Shrine Board.
6	Katra Adhkwari (SMVDSB)	0.4			Under the Control of Shri Mata Vaishno Devi Shrine Board.
	Total (In Jammu)	**74.6 MLD**	**31.0 MLD**		
ii) In Kashmir					
No.	**Location**	**Existing STP Capacity (MLD)**	**Capacity being utilized (MLD)**	**Operational status of STP**	**Remarks**
1	Mehndi Kadal, Distt. Anantnag	**4.0**	2	Operational	Pollution River Stretches (PRS)
1	Hazratbal, Distt. Srinagar	7.5	7	Operational	Other than PRS
2	Habak, Distt. Srinagar	3.2	3.2	Operational	Other than PRS
3	NishatLaam, Distt. Srinagar	4.5	4.5	Operational	Other than PRS

4	Barinambal (New), Distt. Srinagar	17.1	17.1	Operational	Under control of J&K LAWDA Srinagar.
5	Barinambal (Old), Distt. Srinagar	16.1	13.1	Operational	Other than PRS
6	Nallah Amir Khan, Distt. Srinagar	5.4	4	Operational	Under control of J&K LAWDA Srinagar.
7	BadamiBagh Cantt, Distt. Srinagar	5	_	_	Under the control of Badami Bagh Cantonment Board
8	Pahalgam, Distt. Anantnag	2	1	Operational	Under the Control of Tourism Department, J&K, Srinagar.
	Total(In Kashmir)	**64.8 MLD**	**-**		
	Total (In J&K)	**139.40 MLD**	**-**		

(B) Details of under construction STPs in the UT of J&K - (updated by HUDD/UEED)

i) In Jammu

No.	**Location**	**Capacity of the Plant in (MLD)**	**Physical Progress in %**	**Status of I&D or House sewer connections**	**Completion Time**	**Remarks**
1	Belicharana Distt.Jammu	4	80%	**House sewer connections (Nos.)** Target=4929 Achieved=Nil	6/2021	PRS Tawi
2	Baryal,Distt. Udhampur	8	**Work Started**	**House sewer connections (Nos.)** Target=13460 Achieved=Nil	12/2021	PRS Devika

3	Omara,Distt. Udhampur	4	Not Started Yet	**House sewer connections (Nos.)** Target=6632 Achieved=Nil	12/2021	PRS Devika
4	Pitan,Distt. Udhampur	1.6	Not Started Yet	**House sewer connections (Nos.)** Target=2724 Achieved=Nil	12/2021	PRS Devika
5	Patnitop,Distt. Udhampur	1.2	80%	**House sewer connections For Hotels/Huts/Houses. (Nos.)** Target=100 Achieved=Nil	3/2021	Other than PRS
STPs pertaining to jammu Development Authority						
1	JDA Flats, Muthi	160 KLD	88%	**For Flatted Accomodation**	Two Months	STP can be put to use only after the availability of permanent three phase power supply for which the construction of sub station is in progress by JPDCL.
2	General Bus Stand cum Shopping Complex , Jammu	240 KLD	90%	**For general Bus Stand**	Two Months	STP can be put to use only after the testing and commissionin

						g of STP and subject to the availability of minimum o f90 KLD sewage on daily basis.
ii) In Kashmir						
No.	**Location**	**Capacity of the Plant in (MLD)**	**Physical Progress in %**	**Status of I&D or House sewer connections**	**Completion Time**	**Remarks**
1	Noor Bagh, Palpora Distt. Srinagar	60	75%	**House sewer connections (Nos.)** Target=16139 Achieved=5306	3/2021	Other than PRS under NBCC
2	Rajbagh, Srinagar	2.21	**Work Started**	Nil	3/2022	Other than PRS
3	Tengpora, Srinagar	6	**Work Started**	Nil	3/2022	Other than PRS
4	Charar-i-Sharief, Kashmir	2	Work allotted	**House sewer connections (Nos.)** Target=3300 Achieved=Nil	3/2022	Other than PRS
5	Baramulla	3	**Work Started**	**House sewer connections (In Nos.)** Target=5550 Achieved=Nil	3/2022	Other than PRS

(C) Details of Proposed STPs in the UT of J&K - (updated by HUDD/UEED)

i)	In Jammu				
No.	**Location**	**Capacity of the STP Proposed in (MLD)**	**Status of Project (at DPR Stage/Under Tendering/work to be Awarded %**	**Likely Date of Completion**	**Remarks**
1	Peerkho Jammu (For I&D of right bank 13 nos. Nallahs Polluting Tawi)	10	**DPR amounting to Rs. 41.84 Cr. submitted to NRCD for consideration/release of funds vide letter No. HUD/Plan/16/2019/SP Dated 11.12.2020.**	2 years after sanction of Project	PRS Tawi
2	Katra Town	4.5	**DPR amounting to Rs. 95.69 Crs presently with NRCD after having received from IIT Roorkee post clarification of comments/observation.**	2 years after sanction of Project	PRS Banganga
3	Katra Town	1.3		2 years after sanction of Project	PRS Banganga
4	Samba Town	3.5	**DPR amounting to Rs. 70.60 Cr submitted to NRCD for consideration/release of funds vide letter No. HUD/Plan/16/2019/SP Dated 11.12.2020.**	2 years after sanction of Project	PRS Basanter
5	Akhnoor Town	5.0	**DPR amounting to Rs. 123.21 Cr submitted to NRCD for consideration/release of funds vide letter No. HUD/Plan/16/2019/SP Dated 11.12.2020.**	2 years after sanction of Project	PRS Chenab
6	**Kathua Town**	19.1	**DPR amounting to Rs. 265.23 Cr submitted to NRCD for consideration/release of funds vide letter No. HUD/Plan/16/2019/SP Dated 11.12.2020.**	3 years after sanction of Project	Other than PRS
7	**Hiranagar Town**	2.5+1.5=4	96 Cr (approx.)Proposed SBR Technology	2 years after sanction of Project	Other than PRS

8	**Vijaypur Town**	3+4=7	145 Cr (approx.) Proposed SBR Technology	2 years after sanction of Project	Other than PRS
9	**Bari Brahmana Town**	2.5+3.5=6	135 Cr (approx.) Proposed SBR Technology	2 years after sanction of Project	Other than PRS
10	**Arnia Town**	2.5+1.5=4	94 Cr (approx.) Proposed SBR Technology	2 years after sanction of Project	Other than PRS
11	**R.S.Pura Town**	2.5+3.5=6	138 Cr (approx.) Proposed SBR Technology	2 years after sanction of Project	Other than PRS
12	**Bishnah Town**	2+2.5= 4.5	98 Cr (approx.) Proposed SBR Technology	2 years after sanction of Project	Other than PRS

ii) In Kashmir

No.	**Location**	**Capacity of the STP Proposed in (MLD)**	**Status of Project (at DPR Stage/Under Tendering/work to be Awarded %**	**Likely Date of Completion**	**Remarks**
1	ChuntKol, Srinagar	5	DPR duly vetted by the DCW for Rs. **40.44 Cr** is submitted to Secretary, GoI, Ministry of Jal Shakti for consideration/ Sanction of DPR vide letter HUD/Plan/16/2019/SP Dated 11.12.2020.	2 years after sanction of project	PRS Jehlum
2	Gawkadal, Srinagar	3	DPR duly vetted by the DCW for Rs. **26.22 Cr** is submitted to Secretary, GoI, Ministry of Jal Shakti for consideration/ Sanction of DPR vide letter HUD/Plan/16/2019/SP Dated 11.12.2020.	2 years after sanction of project	PRS Jehlum
3	Anantnag Sewerage Scheme (Phase-2nd/3rd) on SBR Technology	***18***	**DPR under Preparation.**	3 years after sanction of project	PRS Jehlum

4	Bijbehra, Town	***3***	DPR under preparation		PRS Jehlum
5	Awantipora	***1.6***			PRS Jehlum
6	Pampore	***2.7***			PRS Jehlum
7	Ganderbal	***8***	DPR vetted by DCW at a cost of Rs. 96.22 and matter taken with Finance Department on 27.01.2021 for arrangement of funds.	2 years after sanction of project	
8	Sonamarg	1	Tender floated proposed SBR technology	2 years after sanction of project	Other than PRS
9	Gulmarg	2.5	Proposed SBR technology	2 years after sanction of project	Other than PRS

IV. Details of Industrial Pollution:-

No. of Industries in the UT of J&K		No. of Water Polluting Industries in the UT ofJ&K	Quantity of Effluent generated from the Industries in MLD	Number of Industrial units having functional ETPs	Number and total capacity of ETPs (Existing)	Compliance Status of the ETPs	Number and total capacity of Existing CETPs
Jammu	4746	162	9MLD	160	160	155	11 (1 existing, 9 under construction, 1 proposed)
Kashmir	5554	92	5 MLD	56	56	47	10 (1 existing and 9 proposed)
Total	**10300**	**254**	**14 MLD**	**216**	**216**	**202**	**21**

#(Data of ETPs for the month of Nov., 2020 has been reviewed and reconciled, and the units such as Service Stations and Health Care Establishments have been deleted from the list of polluting industries)

- **Status of compliance and operation of the CETPs :**

No. of Industries	**Industrial discharge**	**Status of ETPs**		**Status of CETPs**		
		Functional	Without ETP	Existing	Under Construction	Proposed
162 (Jammu)	**9** MLD	**160**	**2**	**1**	**2**	
				Ghatti, Ph-I = **0.45** MLD	a) IGC Samba, P-I = **1.0** MLD b) IGC Samba, P-II= **1.0** MLD c) IGC Samba, P-II= **0.5** MLD d) IGC Samba, P-III= **0.5** MLD	
					a)B.B. Ph-I = **3*0.5** MLD b)B.B. Ph-I=**1.5** MLD, c)B.B. Ph-II=**1.5** MLD	a) EPIP Kartholi, B.B.=**0.5** MLD
92 (Kashmir)	**5** MLD	**56**	**36**	IGC Lassipora **=0.6**MLD		**a)** Electronic Complex, Rangreth **= 1**MLD **b)** Food Park, Doabgah, Sopore =**0.30 MLD** **c)** Ind Estate, Shalteng =**0.30** **d)** Ind Estate, Khonmuh, Ph-I =**0.50** MLD **e)** Ind Estate, Khonmuh Ph-II=

						0.50 MLD **f)** IGC Pulwama, Location=**0.50** MLD, **g)** IGC, Pulwama, Location 4=**3**x**0.50** MLD
254	**14**	**216**	**38**	**2**	**9**	**10**

V. Solid Waste Management: (updated by HUDD/UEED)

Points	**Urban Local bodies Kashmir**	**Srinagar Municipal Corporation**	**Jammu Municipal Corporation.**		**Urban Local Bodies Jammu**	
Total number of Urban Local Bodies and their Population	**40 ULBs** (10 Municipal Councils & 30 Municipal Committees) Total Population: **835049 Souls**	1. Srinagar Municipal Corporation. 2. Population: **11.92 lacs as per 2011 Census.**	Population: **696291 (2019)**		There are 36 ULBs in Jammu province with **392585** population as per 2011 Census.	
Current Municipal Solid Waste Generation	**366 TPD**	**450 MTS per day (total generation in the city)**	**470 TPD**		**235.71 Metric Ton garbage generated in all 36 ULBs.**	
Number, installed capacity and utilization of existing MSW processing facilities in TPD		**i)** Vide communication dated 13.01.2021, M/S. Syntech Bio-energy pvt. Ltd., Project Developer, Srinagar Waste-to-Energy Plant has been advised to move an	MSW Processing facilities and installed capacity (TPD)	Utilization of existing MSM processing facilities (TPD)	Waste to Energy (Tonnage and Power Output) Compost plants	Nil 3 Municipal Committees

(bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), Biomethanation, MRF etc	**0** **2 Plants (09 TPD Capacity)** **(one at Pahalgam and another at Tangmarg ULBs)** **NIL**	application before JERC for vetting and adoption of discovered rates/tariff and get in writing any observation raised by JERC & forward the same to SMC for further course of action. After signing of PPA, project developer is under obligation to complete the project within 18 months. ii) Compost is produced of organic fraction of waste by erecting windrows and sieving it at 4mm trammel at dumping site Achan. iii) A Material Recovery Facility (MRF) is operational at SMC's dumping site where 24 Rag Pickers are working and recovering the recyclable material. The Rag Pickers have collected 358.465 MTs of plastic waste etc. at MRF	MRF 1:**30-40 TPD**	20-30 TPD	(Windrow, Vermi, decentralized pit composting),	viz. MC Doda, MC Bhaderwh and MC Sunderbani have SWM Composting Plants. Composting in grow bags has also been initiated in MC Udhampur for treatment of Wet Waste. Composting Machinne in MC R.S. Pura for composting wet waste with capacity of 200 kg/day is being installed shortly.
			MRF 2:**30-40 TPD**	5-10 TPD	Biomethanation	Nil
			Composting: 50 TPD	40 TPD	MRF (Material	Recycling of collected

		upto January, 2021.			Recycle Facilities	garbage is done at MSW processing facilities at MC Katra, MC Doda, MC Bhaderwah and MC Sunderbani,. Further Rag Pickers on their own segregate reusable garbage for recycling from identified garbage dumping sites . The Directorate has prepared a plan of action for construction of MRF for the following ULBs in the first phase: Municipal

						Council Kathua, MC Reasi, MC Poonch MC Udhampur The other Municipal councils/committees will also be covered in the 2nd Phase of developing MRF.
Points	**Urban Local bodies Kashmir**	**Srinagar Municipal Corporation**	**Jammu Municipal Corporation.**		**Urban Local Bodies Jammu**	
• Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)	Proposal for Decentralized facilities already submitted.	An Action Plan for door-to-door waste collection, source segregation of waste, primary and secondary transportation of waste, scientific processing of waste formulated.	a. Initiatives for waste to compost have been taken under which composting of leaves at Zanana Park, Digiana Park, and Rotary Bhawan Gandhi Nagar is in progress. The other parks are		The process of developing of Solid Waste management plants is underway and for that land has been transferred in favour of 13 MCs (Poonch, Kathua, Reasi, Sunderbani, Ramban, Batote, Doda, Bhaderwah, Udhampur, Akhnoor, Khour, Jourian and Ramnagar) and the transfer of land in respect of the other	

			also being covered shortly. Moreover, for recycling of dry waste IPCA (EPRO) has been working in Jammu city and UNDP is constructing MRF at Bhandurath site. The objectives of this partnership are as under:- b. To bring a sense of responsibility among the citizens for their waste management. c. To bring about behavioural change and awareness among the masses on issue of waste management, particularly zero littering, segregation and waste collection. d. Put appropriate efforts for plastic waste management in Jammu, which include collection of non-recyclable plastic waste and channelize plastic waste to waste processing facility (waste to energy) of JMC. e. As per proper action plan, JMC and UNDP has taken steps for plastic waste management in 10 identified wards (W. No. 45, 50, 51 , 52,	UlBs is also under process at various levels. Simultaneously the Administrative Department is working on framing DPR for development of SWM plants on modern lines. In respect of MCs at Doda , Bhaderwah and Sunderbani, the existing MSW processing plants would also be upgraded on the modern lines. Apart from this, in Municipal council Udhampur Kill to Waste plant using heat technology has been installed which takes care of 1.50 ton of garbage daily. Composting of wet waste has also been initiated at Sui Chakar in Udhampur after segregation of dry and wet waste as per laid down guidelines.

			53, 55, 56, 57, 58 & 68) of Jammu City. UNDP will also work with JMC as partner in collection segregation and transportation of plastic waste to recyclers. UNDP with JMC is also carrying out media campaigns. f. JMC has hired an agency for IEC activity in city regarding Plastic Waste Management Rules, 2016, Solid Waste management Rules 2016, C&D waste management Rules, 2016 and BMW Rules, 2016 and other different activities for generating awareness in general public. g. JMC has started vermi compost unit at JMC Stray Cattle Pound Dogra hall in which dung of stray cattles is being converted into vermi compost and thereafter used in different JMC Parks. Till date about 30 MT compost has been used. JMC has also started sale outlet at Town Hall for general public. h. JMC has installed 06 cubic meter Bio-gas plant by using stray cow dung at JMC Cattle Pound at Dogra Hall. i. After awareness by JMC, 03 dairy unit owners have also	

			installed 6 cum biogas units, are each at Buta Nagar, Shakti Nagar and Sanik Colony. These units are using biogas for cooking. j. JMC is collecting the fresh vegetable waste on daily basis from different vegetable Mandies within the city and feeding it to the stray animals at JMC Cattle Pound Dogra Hall and Municipal Animal Care Centre Roop Nagar. k. JMC is also collecting flowers from 25 temples and utilizing old waste flowers for compositing. Two Aggarbati manufacturing units using fresh flowers collected from temples have also been installed in association with Regional Indian Red Cross Society, Jammu with the help of Self-Help Groups. 700 kg flowers per day collected from different Temples are being used for compost and making aggarbattis. An outlet for Sale of agarbattis has been opened at Town Hall Complex, Jammu. JMC launches campaigns for plastic waste management and solid waste management at regular intervals with the help of	

			SHGs, NGOs and schools. The themes of these campaigns are Plastic free rallies, cleaning of plastic waste from roadsides and households by students/volunteers.	
Points	**Urban Local bodies Kashmir**	**Srinagar Municipal Corporation**	**Jammu Municipal Corporation.**	**Urban Local Bodies Jammu**
No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)	**Proposal for establishment of C&D Waste Processing facilities at two identified ULBs have been taken up with Building Centre.**	The SMC is contemplating to set up **100 TPD capacity** C&D Waste Processing Plant in Saidapora, Achan. The DPR is under process. One collection centre at dumping site Achan, Srinagar already notified.	Existing: One collection centre at Bhagwati Nagar site.	**As on date, no C&D processing plant has been established in any of the UlBs of jammu Province. However, 6 sites at Kathua, Udhampur, Poonch, Ramnagar, Reasi & Akhnoor, Jourian, Khour have been notified for dumping of C&D Waste.** **A survey is being conducted in all ULBs to determine the quantity of C&D waste generated. From the survey, it transpired that the waste generation under C&D varies each month. However, some of MCs have**

				been able to determine the average waste generated per month in respective MCs which varies from 500 kg to 5 tons per month. A notification has been issued wherein the concerned CEOs/EOs have been directed to dump C&D waste at the identified site only. A plan of action for the proper disposal of C&D waste is under preparation in this Directorate.
Points	**Urban Local bodies Kashmir**	**Srinagar Municipal Corporation**	**Jammu Municipal Corporation.**	**Urban Local Bodies Jammu**
Total no. of wards	**529**	**35**	**75 wards**	**446**
No. of wards having door to door collection service	**427**	85 % in all 35 Municipal Wards	**75**	**395**
No. of wards practicing segregation at source	**22**	Segregated waste collected in selective areas of **15 Municipal Wards**	**30%-40%**	**101** **The MCs through various IEC activities educate people about the importance of segregating waste at source. Time t0 time the respective MCs**

				have distributed separate bins for garbage collection at source so that segregated garbage is available for proper disposal. 100% door to door collection in all 446 wards with segregation at source is being pushed. 100 % source segregation in all wards is targeted to 03/2021.
Points	**Urban Local bodies Kashmir**	**Srinagar Municipal Corporation**	**Jammu Municipal Corporation.**	**Urban Local Bodies Jammu**
Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)	**Six SWM facilities for 22 ULBs** of Kashmir Division have been approved on cluster basis having total capacity of 380 TPD at a project cost of **Rs.144.20** **Crores** and technology proposed is **Composting** RFPs have been floated on number of times. Meanwhile a comprehensive proposal for **decentralized waste to**	1. Letter of Intent for establishment of 5MW capacity Waste-to-Energy plant capable to deal 500+/- 125 MT/D already issued. The plant is based on Gasification Technology. The SMC has already handed over land measuring 10 acres to the project developer who has undertaken civil works at site. 2. Construction of landfill cell No. IV at dumping site Achan, Srinagar stands already tendered. Bids received, Technical	2 MSW treatment facilities proposed with 450 TPD capacities, technology used Aerobic Composting, Biogas and MRF Centres.	At present the development of MSW treatment facilities are in the process of DPR formulation at Administrative Department level. In all 13 ULBs where land is available, establishment of MSW facilities should be initiated once the DPRs are finished. The Directorate has submitted plan of action for creation of Material Recovery Facility (MRF) initiated in the following ULBs: i. Municipal Council,

	compost treatment plants for all ULBs have been formulated taking into consideration the population projection for the year 2025.	and financial evaluation of bids already done. Proposal for AA submitted to H&UDD. Proposal under examination in H&UDD 3. Bioremediation/bio-mining of legacy waste tendered. Bids received and technical/financial evaluation already done. Proposal for AA submitted to H&UDD shortly. Proposal under examination in H&UDD 4. A 100 TPD Capacity C&D waste processing plant to be set up at Achan. DPR under preparation.		Kathua ii. MC Reasi iii. MC Poonch MC Udhampur.
Points	**Urban Local bodies Kashmir**	**Srinagar Municipal Corporation**	**Jammu Municipal Corporation.**	**Urban Local Bodies Jammu**
No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.	17 Municipal Committees have furnished details of 28.26 Acres of uncontrolled Land/Garbage dumping sites and sanitary land fill.	The area of waste processing facility of SMC is spread over an area of 113 acres situated at Saidapora, Achan. Three landfill cells have already been constructed. Cell Nos. 1&3 already closed and capped. Cell No. 2 is presently in operation.	Uncontrolled Garbage Dumpsites:- 2 (Bhagwati nagar and Kothbalwal), spread over is 32 acres and 19.5 acres respectively. Bhagwati Nagar dumping site is under remediation process.	**85.75** acres of land is being utilized in various ULBs as Garbage Dumpsites and Sanitary Landfills.

No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers	08	None in the buffer within 1 KM of rivers	Legacy waste site: 01 (Remediation started) Area of legacy waste: 32 acres.	NIL
No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers	As received from different ULBs 98 Drains have been drains out towards water bodies.	SMC has constructed 120 Trash Guards alongside the water channels from Khojyarbal to Nowpora to arrest the waste from entering the water channel and has put 6 Boatmen-cum-Safaiwalas on job to collect waste from these Trash Guards on daily basis.	No. of drains falling into rivers: 26 No. of drains installed screens: 0	NIL

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
Urban Local bodies Kashmir	**40**	**366**	**9**	**2** **(Two Waste to compost plants at Pahalgam and**	**9 TDP**	**A comprehensive proposal for decentralized waste to compost treatment plants for all ULBs have been formulated taking into consideration the population**

				Tangmarg ULB)		**projection for the year 2025 and vetted by IIT Jammu and shall be placed before the SLAC for its approval.**
Srinagar Municipal Corporation	1	**450 TPD**	**112.50 TPD**	**1. Mechanical Segregator;** **2. Land filling.**	**30 TPH capacity Mechanical Segregator.** **80% land filling in land fill Cell No. 2.**	1. Waste to Energy Plant shall be commissioned within 18 months after signing of Power purchase agreement among the parties; 2. Bioremediation of the existing landfill cells shall be taken up immediately after administrative approval is accorded to the proposal. 3. The Construction of landfill cell No. IV shall be taken up for execution after accord of Adm. Approval.
Jammu Municipal Corporation.	1	**470 TPD**	**40 TPD**	**03**	**70%**	2 (125 TPD SWM and 270 TPD) probably work will be started in **March, 2021.**
Urban Local Bodies Jammu	36	**235.71 TPD**	**55 TPD**	3 Municipal Committees viz. MC Doda, MC Bhaderwh and MC Sunderbani are having SWM Composting Plants.	**60- 70 %**	An Action Plan for development of decentralized facilities has been vetted by IIT Jammu and shall be placed before the SLAC for its approval.

VI. Bio-medical Waste Management:

- Total Bio-medical generation:

a) Jammu = **1094.52** Kg/day as per Annual Report 2019

b) Kashmir = **4808.1** Kg/day as per Annual Report 2019

Total = **5902.62** Kg / day

Covid-19 Bio-medical waste for the month of Jan. 2021 :

a) Jammu = **18,105.253** Kg/Month

b) Kashmir = **5,847.05** Kg/Month

Total =**23,952.303** Kg/Month

- **No. of Hospitals and Health Care Facilities**:
    a) Jammu = **3641**
    b) Kashmir = **2965**
- **Status of Treatment Facility/ CBMWTF**: **3 Operational Facilities** with PCDs. OCEMS installed in two facility
    a) M/s Anmol Health care, Jammu
    b) M/s Kashmir Health Care System, Kashmir).
    c) M/s Clean City Waste Management, Kashmir (OCEMS not installed)

VII. Hazardous Waste Management:

- Total Hazardous Waste generation:
    a) Jammu = **981.026** MT / Annum
    b) Kashmir = **231.50** MT/Annum
    Total= **1212.526** MT / Annum

- No. of Industries generating Hazardous waste :
    a) Jammu = **227**
    b) Kashmir = **11**

Total = **238**

- Treatment Capacity of all TSDFs :
  TSDF under construction at IGC Samba

- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated:
  Hazardous waste is disposed off through TSDFs located outside from J&K, authorized by J&K PCB *viz* a) M/s Bharat Oil and Waste Management Ltd, Kanpur Dehat (UP) b) M/s BEIL Infrastructure Ltd, Ankleshwar, Gujarat.

- Details of on-going or proposed TSDF: The TSDF facility is under construction in IGC Samba by M/s Ramasethu Infrastructure Pvt Ltd, was to be completed by December 2020 tentatively.

VIII. Plastic Waste Management:-

- Total Annual Plastic Waste generation in J&K = **74826** MT/Annum (app.), with monthly average of **6200** MT (app.)

- Seizure done (April to Jan. 2020)
  a) Polythene = 16824.05 kg
  b) SUP = 1235.65 kg
  Total = **18059.70 kg.**

- Treatment/ Measures adopted for reduction or management of plastic waste:
  a) Regular seizure of illegal polythene and banned SUP by Anti-Polythene Squad
  b) Using seized polythene in overlaying of roads.
  c) Using seized polythene in cement kilns along with conventional fuels.

	Srinagar Municipal Corporation	**Jammu Municipal Corporation**	**Directorate of Urban Local Bodies, Jammu.**
Total Plastic waste	As per the analysis of waste conducted at landfill site Achan on 24/1/2013, the waste has	40 TPD	**8554 MT per Annum**.

generation.	about 6% plastics. Therefore, the plastic waste collected at dumping site is around **24-27 TPD** based on analysis done in the year 2013.		
Treatment/ Measures adopted for reduction or management of plastic waste.	There is no treatment facility set up as on date. However; 1. One number MRF has been set up at dumping site where 24 Rag Picker are integrated with material recovery. 2. The SMC is launching sustained awareness to educate citizens about the harmful effects of plastic made items, penalties etc & exhorts them to refrain from using plastic or plastic made items. 3. SMC has set up at landfill site at Achan where more than 24 rag pickers are segregating plastic waste from Municipal Solid Waste. From September 2018 to January 2021, the Rag Pickers have collected **358.465 MTs** of Plastic waste at Landfill site Achan. 4. 12 Cement factories operating within the radius of 100 Kms from dumping site Achan, Srinagar have been issued with notices to lift the RDF including plastic/polythene for its utilization in their combustion kilns. During the current year, one cement manufacturer, namely, Tramboo Cement Industries Pvt. Ltd.,	• 2 number of MRF has been setup in Jammu city and integrated with informal waste pickers working in the city limit, 2 more MRF are under planed to be setup for dry waste generated in the city. • ICE agency has been hired for creating awareness among citizens, for segregation of waste at source level and to avoid single use plastic, disposable plastic. Awareness program has been started since 26 Oct 2020. • A dedicated team has been set up to enforce the Plastic Waste Management Rules, 2016 and Solid Waste Management Rules, 2016. • JMC ensuring segregation, collection, storage, transportation, processing and disposal of plastic waste. • JMC ensures that no damage is caused to the environment during this process of plastic waste and planning for setting up new MRF centers in city. • JMC ensures channelization of recyclable plastic waste fraction to recyclers after processing through MRF centers. • JMC ensures processing and disposal on non-recyclable fraction of plastic waste in accordance with the guidelines issued by the Central Pollution Control Board.	a. The use of polythene below 50 microns has been banned. b. Use of polythene is penalized by way of fine to discourage people from using it. c. Segregation at source and segregation at dumping sites is encouraged for recycling of Plastic Waste. d. Awareness campaigns are organized discouraging people from using polythene. e. 6 sites have been identified for depositing e-waste for its proper disposal.

	has lifted 5885 kgs of RDF from SMCs dumping site. Another cement manufacturer, namely, Khyber industries Pvt. Ltd., has recently requisitioned for supply of one truck load of RDF. 5. To enforce strict ban on sale, stock and carrying of polythene bags of <50 microns thickness, the SMC from Jan-2018 has seized and destroyed **34.15** Qtls of banned polythene within the limits of Srinagar City and realized Rs. 2.55 lacs as fine from the defaulters in **193** anti-polythene drives. The SMC has also constituted a squad to check the polythene menace in the city.	• JMC is creating awareness among all stakeholders about their responsibilities. IEC agency has been hired for generating awareness among citizens for segregating waste at source level and to avoid single use plastic, disposable plastic. • JMC engages civil societies or groups working with waste pickers for creating awareness; and • JMC is taking steps to ensure that open burning of plastic waste does not take place	

IX. Details of Alternate Treatment Technology being adopted by the State/UT : **Septage Treatment Plants** commissioned as Alternate Treatment Technology:

i) Bhagwati Nagar Jammu **= 164** KLD

ii) Anantnag =**62** KLD

iii) AlluchiBagh =**164** KLD

iv) Achan =**130** KLD

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in situ treatment:-

Identification of Pollution Sources in Nine (09) Polluted Rivers in UT of Jammu and Kashmir , as per Approved Action Plan:-

S. No.	Polluted River Stretch	Polluted Stretches	Source of Pollution	Drains	Drain Flow (MLD)as per UEED data	Action
1.	**River Devak Udhampur**	Guru Ravi Dass Temple to Nainsu at Udhampur	a) Un-treated sewage pollution from Municipal drains b) Unabated disposal of Municipal Solid Waste.	No. of drains = **13** i. Housing Colony ii. MH to Devika iii. MH Chowk iv. Shiva Nagar near SSP office v. Meat Market vi. Model School vii. Near Bharti VidyaMandir viii. Raghunath Mandir ix. Chabbutra Bazar x. Opp. Arya Samaj Mandir xi. Opp. GeetaBhawan xii. Near Dak Bungalow xiii. Link Road to Devika	(**8.69 MLD**) 1.18 0.71 0.12 0.84 1.6 0.94 1.52 0.07 0.19 0.87 0.23 0.31 0.11	**A) (The Project is approved under NRCP funding for Rs.186.74 Cr.** i) Work of 1 No. STP at Zone-1 (8 MLD) started. **ii)** Design for 2 Nos. STP (4 MLD at Zone-2 1.61 MLDat Zone-3) under final vetting process from MNIT Jaipur. iii) 30% of work on sewerage network completed
2.	**Banganga Holy Stream, Katra**	Pony Shed to Bathing Ghat, Banganga, Katra	a) Untreated Solid and Liquid waste disposal from pony sheds. b) Un-treated sewage from nearby localities/establishments. c) Unabated disposal of Municipal Solid Waste. d) Sewage pollution from	No. of drains = **7** From Balani Bridge to GeetaMandir:- i. Nallah 1 ii. Nallah 2 iii. Nallah 3 iv. Nallah 4 v. Nallah 5 vi. Nallah 6 vii. Nallah 7	**(3.5 MLD)** 0.268 0.361 0.179 0.277 0.722 1.256	i) DPR amounting Rs.95.69Crs presently with NRCD after having been received from IIT (Roorkee) post clarification of comments/observations. ii) Land acquisition

			minor/major establishments.		0.437	for construction of 2 No. STP's and 4 Nos IPS under process iii) Preparation of Bid document for floating tenders for the work is under process.
3.	**River Tawi Jammu**	Surajpur to Belicharana, River Tawi at Jammu	a) Disposal of Untreated Sewage Waste from Jammu city. b) Unabated Disposal of Municipal Solid Waste. c) Dumping of Construction and Demolition Waste. d) Pollution from minor/major establishments.	No. of drains = **26** **RHS (D/S Tawi)** i. Doonthly Nallah ii. Jullaha Mohalla iii. Peerkho 1 iv. Peerkho main v. Gujjar Nagar 7 vi. Gujjar Nagar 6 vii. Gujjar Nagar 5 viii. Gujjar Nagar 4 ix. Gujjar Nagar 3 x. Gujjar Nagar 2 xi. Gujjar Nagar 1 xii. Gujjar Nagar main xiii. Jogi Gate xiv. Prem Nagar xv. Christian Colony Nallah xvi. Qasim Nagar xvii. Rehari Nallah xviii. Krishna Nagar Nallah xix. Rajinder Nagar xx. Bhagwati Nagar **LHS (D/S Tawi)** i. Gorkha Nagar ii. Rajiv Nagar iii. University Campus Nallah	**(66.36MLD)** **RHS (D/S Tawi)** 1.10 2.62 0.03 10.73 0.13 0.14 0.10 0.10 0.07 0.10 0.08 0.69 11.32 11.83 6.71 0.15 4.71 5.48 1.475 1.76 **LHS (D/S Tawi)** 2.30 0.25 0.39	a)Construction of 4 MLD STP at Belicharana based on SBR technologyis under execution and the civil structures in this sub project are 80% complete and Machinery & Equipment-Procurement 90% and installation work 90% completed. b) DPR for Pollution abatement of river tawi (right bank) at Jammu city (J&K) amounting Rs.41.84 Cr submitted to **NRCD** for consideration/release of funds vide letter no. HUD /Plan/16/2019/SP Dated:11.12.2020. c)Revised **DPR for an**

				iv. Refugee Basti v. Bikram Chowk vi. Ware house	0.03 0.07 1.00	**amount of Rs51.67 Cr.** for Construction of 4MLD STP Sewerage Treatment Plant with complete sewerage network for treatment of 5No: Nallah on left side Tawi River Jammu, submitted to Administrative Department for Accord AA & necessary authorization d) Land acquisition for construction of 1 No. STP of capacity 10MLD at Peerkho under process.
4.	**River Basanter, Samba**	Samba to Chak Manga Rakwal, adjoining IGC Samba	a) Disposal of Untreated Sewage Waste from Samba Town and nearby localities. b) Effluents from industries in IGC-Samba. c) Unabated Disposal of Municipal Solid Waste. d) Dumping of Construction and Demolition Waste.	**3 Nos. Drains** i. Sidco Sewage Drain backside of Hotel Rex Argi Nallah ii. NearShamshan Ghat Mandi Floura Nallah. iii. Drain near Railway Bridge.	**(3.5 MLD)** 2.5 1.0	i) DPR amounting Rs.70.60 Cr submitted to **NRCD** for consideration/release of funds vide letter no. HUD /Plan/16/2019/SP Dated:11.12.2020. ii) Land acquired for construction of STP and boundary wall work started. Land Acquisition for 2 Nos. IPS under process.

5.	**River Chenab at Akhnoor**	Jal Patan (Jio Pota) to Pargwal at Akhnoor	a. Disposal of Untreated Sewage Waste into River Chenab. b. Unabated Disposal of Municipal Solid Waste c. Un-authorised dumping of Construction and Demolition Waste. d. Pollution from minor/major establishments.	No. of drains = **3** i)Baba Jitto Nallah ii)Near Gurdwara iii)W. No. 10 Nallah	**(3.0 MLD)** 0.918 1.325 0.758	**i) DPR amounting Rs.123.21 Cr submitted to NRCD for consideration /release of funds vide letter no. HUD /Plan/16/2019/SP Dated:11.12.2020./** **ii) Land documents for 1 No. STP of capacity 5 MLD received.** **iii) Acquisition for of 7 Nos IPS are under process**
6.	**River Chuntkol (A tributary of Jhelum)**	Gawkadal to Zero Bridge	a) Discharge of untreated sewage into the river. b) Dumping of Solid Waste.	No. of dewatering pumps = **08**	**(5 MLD)** –	**DPR duly vetted by the DCW for Rs.40.44 Crs is submitted to Secretary, GoI, Ministry of Jal Shakti for Consideration/Sanction of DPR by the Deputy Director (P&S),H&UDD vide letter no. HUD /Plan/16/2019/SP Dated:11.12.2020.**
7.	**River Gawkadal (A tributary of Jhelum)**	Gawkadal bridge to Nowhatta	a) Discharge of un-treated Sewage into the river. b) Dumping of Solid Waste.	A part of polluted river stretch of river Jehlum (Anantnag to Chhatabal)	**(3.0 MLD)** –	**DPR duly vetted by the DCW for Rs.26.22 Crs is submitted to Secretary, GoI, Ministry of Jal Shakti for**

						Consideration/Sanction of DPR by the Deputy Director (P&S),H&UDD vide letter no. HUD /Plan/16/2019/SP Dated:11.12.2020.
8.	**River Jhelum** **i) Anantnag Phase-II** **ii)Bijbehara** **iii)Awantipora** **iv)Pampore**	Anantnag to Chattabal Weir	a) Discharge of un-treated Sewage into the river. b) Dumping of Solid Waste.	No. of drains = **62** No. of Dewatering pumps = **14**	(**111.4 MLD**) –	DPR prepared and under checking
9.	**River Sindh**	Along Duderhama (Ganderbal)	a) Discharge of un-treated sewage . b) Un-authorised dumping of Municipal Solid Waste.	No. of drains = **13**	**(7.6 MLD)** –	DPR vetted by DCW at a cost of Rs. 96.22 Cr and matter for arrangement of funds was taken up with Finance Department on 27.01.2021.

Bioremediation						
10.	**Bioremediation for treatment of wastewater flowing in nallahs/drains falling and polluting river stretches** **(i) Tawi,** (ii) Banganga, **(iii) Basanter,** **(iv) Devika &** **(V) Chenab in Jammu identified by NGT**	Interim measure to control pollution of river stretches mentioned above under S.No. 01-05 in Jammu Region and s.no. 06-09 in Kashmir Region.		As mentioned above under s.no. 01-09		Bid received shall be processed once financial concurrence received from Govt.

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:

Sh. Waseem Farooq Mir, SFS, posted in Chief Secretary's Office, J&K as Nodal Officer for the purpose, vide Govt. Order No. 123-JK(GAD) of 2020 dated 22.01.2020.

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:

S.No.	Meeting date	Remarks
01.	18.01.2021	Review meeting w.r.t. framing of Nodal agency for future compliances in OA No. 325/2015

		Lt. Col Sarvadaman Singh Oberio V/s UOI & Others.
02.	01.02.2021	Illegal Sand Mining
03.	10.02.2021	Meeting in the matter of Shri Nath Sharma V/s UOI and ors, in the OA No. 360/2018 regarding submission of District Environmental Plan by the UT of J&K, to the CPCB by 31.03.2021
04.	10.02.2021	Review meting w.r.t the compliances by Wet land authority by UT of J&K in OA No. 325/2015 Lt. Col. Sarvadaman Singh Oberio V/s UOI & others.

XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; -

a. At present Pollution Control Board of Jammu& Kashmir has been monitoring the Polluted River stretches in Jammu and Kashmir under National Water Quality Monitoring Program (NWMP).

b. UEED J&K will start monitoring the same as per the Monitoring Protocol of NMCG/CPCB for 1yr after finalization of tendering process/Award of Contract and mobilization of resources by the successful bidder to the site of work for the Bioremediation for treatment of waste water/Sewage flowing in nallahs/drains falling in and polluting river stretches in Jammu as well as in Kashmir.

No. of Polluted River Stretches in Jammu and Kashmir =**09**

a) **No. of Polluted River Stretches in Jammu** **= 05**

b) **No. of Polluted River Stretches in Srinagar** **= 04**

Water Quality Status of Polluted Rivers (09) during the month of

January -2021

S. No.	Polluted River Stretch	Water Quality Analysis, January 2021						Ground Water Quality in the catchment area
1	**River Devak Udhampur**	**NWMP Monitoring Sites with Sanctioned Station Code**	**BOD**	**COD**	**pH**	**Hardness**	**Alkalinity**	**NA**
		a) Near Shiv Mandir (Stn code**2754**)	2.2	13.0	7.60	220	240	
		b) About 2Km (D/S) Shiv Mandir(Stn.code:4062)	0.3	1.7	8.42	232	260	
		c) About 10Km (D/S)Shiv Mandir (Stn.code:4063)	0.2	1.5	8.40	240	260	
2	**Banganga , Holy Stream, Katra**	**NWMP Monitoring Sites**	**BOD**	**COD**	**pH**	**Hardness**	**Alkalinity**	**NA**
		a) Bathing Ghat (Stn.2755)	1.0	5.2	8.65	230	264	
		b) In front of pony shed (Stn.code2756)	1.1	5.8	8.45	224	236	
3	**River Tawi , Jammu**	**NWMP Monitoring Sites**	**BOD**	**COD**	**pH**	**Hardness**	**Alkalinity**	**NA**
		December -2020	1.7	10.0	8.65	240	260	

		Station Code;- i) Below Tawi Bridge-2744, ii)Bhagwati Nagar-2745 iii) Beli Charana-2746, iv) Surajpur-2747 v) Bhagwatinagar 1 Km,D/S below STP discharge point at Bhagwati Nagar-4055	4.2 0.4 0.3 4.0	22.0 2.7 2.4 18.0	8.75 8.65 8.50 8.80	320 220 216 340	340 240 232 364	
4	**River Basanter, Samba**	**NWMP Monitoring Site / Sanctioned Station Code**	**BOD**	**COD**	**pH**	**Hardness**	**Alkalinity**	**NA**
		a) Chak Manga Gujjar samba (2753)	1.1	7.1	8.10	180	216	
5	**River Chenab at Akhnoor**	**NWMP Monitoring Sites / Sanctioned Station Code**	**BOD**	**COD**	**pH**	**Hardness**	**Alkalinity**	**NA**
		At Jio-Pota Mandir (2751)	Sampling is being done on Bi-monthly basis at this location					
6	**River Chuntkol (A tributary of Jhelum)**	**NWMP Monitoring Sites/ Station Code**	**BOD**	**COD**	**pH**	**DO**		**NA**
		a) NWMP sanctioned	6.2	49.9	7.40	6.2		

		location(1307)					
7	**River Gawkadal (A tributary of Jhelum)**	**NWMP sanctioned sites**	**BOD**	**COD**	**pH**	**DO**	**NA**
		Sanctioned location (1306)	4.4	33.3	7.56	11.5	
8	**River Jhelum at Srinagar (Anantnag to Chhatabal Weir)**	**NWMP/PCB Monitoring Sites with Sanctioned Station Code**	**BOD**	**COD**	**pH**	**DO**	**NA**
		i. Anantnag (1304)	3.5	24.9	7.49	9.0	
		ii. Batingon, **(PCB Site)**					
		iii. Bijbehhara (4053)	2.8	21.5	7.69	7.50	
		iv. Sangam U/S (3273)	2.3	26.56	7.70	10.20	
		v. SangamD/S, (**PCB Site)**	2.0	24.9	7.73	9.3	
		vi. Awantipora (3274)	2.9	23.2	7.64	8.2	
		vii. Pampore (3275)	3.5	28.2	7.84	10.0	
		viii. Panthachowk (4054)	3.6	29.8	7.81	10.0	
		ix. Pandarathan (**PCB Site)**	3.5	26.56	7.76	9.0	
		x. Zero Bridge(1410)	3.30	24.90	7.77	10.5	
		xi. Chattabal Weir (1411)	4.10	33.3	7.45	11.6	
			3.3	24.9	7.60	7.4	
NA 9	**River Sindh at Ganderbal, Srinagar**	**NWMP monitoring sites**	**BOD**	**COD**	**pH**	**DO**	**NA**
		a)Sanctioned location(3286)	1.6	15.4	7.62	9.5	

XIV. Ground water regulation: Awaited from Jal Shakti Dept.

XV. Good irrigation practices being adopted by the State: Awaited from Jal Shakti Dept.

XVI. Rain Water Harvesting: A provision for rain water harvesting is being incorporated in building permissions issued by Srinagar Municipal Corporation in accordance with the order No. 269 of 2020 dated 11/2/2020.

XVII. Demarcation of Floodplain and removal of illegal encroachments: Awaited from Jal Shakti Dept.

XVIII. Maintaining minimum e-flow of river: Awaited from Jal Shakti Dept.

XIX. Plantation activities along the rivers:-

S.No.	Polluted River Stretch	Area under treatment	Plantation done
1)	**River Devak Udhampur**	100 hectare	Catchment Area Treatment approved under CAMPA, plantation to be taken up during the current year, soil conservation works completed
2)	**Banganga , Holy Stream, Katra**	100 hectare	Catchment Area treated with afforestation and soil conservation works in 100 hectares of area under CAMPA
3)	**River Tawi , Jammu**	200 hectare	Catchment Area Treatment done by plantation of **0.34** la**c** trees treating 200 hectare for the Polluted River Stretch.
4)	**River Basanter, Samba**	100 hectare	Catchment Area Treatment done by plantation of **0.032** la**c** trees and soil conservation works for the Polluted River Stretch
5)	**River Chenab at Akhnoor**	200 hectare	Catchment Area Treatment done by plantation of **0.40** la**c** trees treating 200 hectare with soil conservation works for the Polluted River Stretch
6)	**River Chuntkol (A tributary of Jhelum)**	A part of river Jehlum Catchment	Catchment Area Treatment approved under CAMPA, shall be taken up during the current year

		Area Treatment proposal	
7)	**River Gawkadal (A tributary of Jhelum)**	A part of river Jehlum Catchment Area Treatment proposal	Catchment Area Treatment approved under CAMPA, shall be taken up during the current year
8)	**River Jhelum at Srinagar (Anantnag to Chhatabal Weir)**	300 hectare	Catchment Area Treatment done by plantation, treating 15 hectare area for the Polluted River Stretch, along with soil conservation works.
9)	**River Sindh at Ganderbal , Srinagar**	100 hectare	Catchment Area Treatment in 100 hectare approved under CAMPA, to be taken up during the current year, soil conservation works completed

XX. Development of biodiversity park: Jammu Development Authority has developed a park in 5.6 hectare at the bank of river Tawi area of polluted river stretch recently.

XXI. Reuse of Treated Water:

a. Proposed in Katra DPR under reuse of Treated Water through Pumping Plant with Rising Main to Railway Station Katra for cleaning and washing purpose.

b. Proposed in Udhampur under reuse of Treated Water from

1. STP-1 site to Air Force station Udhampur for Horticulture purpose.
2. STP-2 site to Army Unit for cleaning and washing purpose.
3. STP-3 site to 5071, 5171 AC Battalion and 874 Alfa Unit for cleaning and washing purpose.

XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:

S.No	Location/ Rivers	Priority	Capacity of STP proposed in MLD	Status of Project(at DPR Stage/Under tendering/work to be awarded)	Likely date of completion	Remarks
1.	**River Devika,**	(i)	Zone 1-8.0MLD Zone-2- 4.0MLD	(i)Project Cost 186.74 Cr approved under NRCP on 28-09-	(i)For STP and Network work	Work of Sewer Laying ,

	Udhampur		Zone-3-1.6MLDTotal =(13.6MLD)	2018. (ii)Work allotted Date of start For STP and Network work =May 2019. (iii) Work allotted Date of start For Ghat work =June 2019. (iv)Date of completion For STP and Network work(original)=May 2021. (v) Date of completion For Ghat work (original)=June 2020.	=Dec.2021 (ii)For Ghat Work =March.2021	STP Zone 1st& Ghat are in Progress.
2.	**Banganga, Holy Stream,Katra**	(ii)	STPs=4.5MLD =1.20 MLD Total=(5.7MLD)	DPR amounting Rs.95.69Crs presently with NRCD after having been received from IIT (Roorkee) post clarification of comments/observations.	2 years after section of the project.	iv) Technical vetting under Process.
3.	**River Tawi, Jammu**	(iii)	STP=10MLD	DPR amounting Rs.41.84 Cr submitted to **NRCD** for consideration/release of funds vide letter no. HUD /Plan/16/2019/SP Dated: 11.12.2020.	2 years after section of the project.	Technically vetted.
4.	**Jhelum**	(iv)	STP AnantnagTown	DPR under preparation	3 years after section of the	

	River		(Phase-2nd/ 3rd) on SBR Technology=18 MLD Bijbehera Town=3.0MLD Awantipora=1.6ML D. Pampore=2.7MLD		project.	

XXIII. Status of Preparation of Action Plan by the 13 Coastal States: **Does not pertain to J&K**.

XXIV. Regulation of Mining Activities in the State/UT: Information awaited.

XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring. **The JK PCB has imposed Environmental Compensation (EC) under Polluter Pays Principle (PPP) to the following:-**

Sr.No.	Agency	Penalty	EC Order No./ Date
1	**CEO, MC Udhampur**	Rs. 1,39,00,000/-	25 PCB of 2019, Date: 21/11/2019
2	**Executive Officer, MC Ramban**	Rs. 12,88,000/-	32 PCB of 2020, Date: 10/09/2020
3	**Hotel Meridian, Panthal Road, Katra**	Rs. 56,142/-	34 PCB of 2020, Date: 02/11/2020
4	**Executive Officer, MC Sopore**	Rs.1,30,46,000/-	36 PCB of 2020, Date: 24/11/2020
5	**SMGS Hospital, Jammu**	Rs.18,28,000/-	37 PCB of 2020, Date: 29/12/2020
6	**Hotel Maharaja, Patnitop, Udhampur**	Rs. 52,660/-	38 PCB of 2020, Date: 30/12/2020
7	**M/s Attar Logistics, Transport Nagar, Jammu**	Rs. 25,000/-	39 PCB of 2021, Date: 06/01/2021
8	**Hotel Patnitop, Chenani, Udhampur**	Rs. 46,800/-	40 PCB of 2021, Date: 12/01/2021
9	**Hotel Kings, Banganga, Katra**	Rs. 22,436/-	42 PCB of 2021, Date: 21/01/2021
10	**Hotel Krishna Plaza, Rajinder Bazar, Jammu**	Rs.4, 524/-	43 PCB of 2021, Date: 05/02/2021

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