Format for Submission of Monthly Progress Report by States/UTs

(Hon'ble NGT in the matter of O.A. No. 673/2018 dated 06.12.2019)

Sr. No.	Activity to be Monitored	Timeline	Submission of Progress by State- Compliance Status
1.	Ensure 100% Treatment of sewage at least in-situ remediation	31.03.2020	**K'Patan:** Gratings has been installed in the Drains to reduce the solid waste in the drains. **Kota:** In Kota 22 Nos Drains are identified by UIT and tender has been invited and financial bid is approved by State Govt. Four drain work is completed out of 22 drains and 02 pumping station and 27 km sewer line work are completed. Tender award of 18 Drains, 04 pumping station, 01 STP with 117 km sewer line likely to be completed in Dec 2021. Timeline- Dec 2021 Budget- 149.59 Cr from NMDC (GoI)- 70%
	Commencement of setting up of STPs and connecting all the drains and other sources of generation of Sewage to the STPs must be ensured	31.03.2020	**K'Patan:** • DPR Prepared and Two waste water treatment plant proposed for treatment of waste water. Capacity are two STPs are 1.5 MLD and 2.5 MLD respectively. • Total 13 Crore Fund will be required for construction of integrated wastewater and septage management plant. Budget provision not approved by Finance Department. Timeline: - 2 Years after budget availability. Budget: - 13 Crore required. **Kota:** Two STP of 30 MLD and 20 MLD are working. Total 05 STP's are proposed under different scheme with the total capacity of 78 MLD.

			Out of which 61 MLD work is under progress and will be completed 2022. After completion of these STP's total coverage will 80% In Kota. Timeline:- June 2022. Budget:- Total cost is 584 Crore and being executed From RUIDP Fund.
2.	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	**K'Patan:** Timeline: - 2 Years after budget availability. **Kota:** Timeline: - June 2022
3.	Chief Secretary may set up appropriate monitoring mechanism at state level • Specifying accountability of nodal authorities not below the Secretary level • Chief Secretary may have an Accountable person attached in their office for the purpose.	22.01.2020	• State Level Monitoring Committee has been constituted under the Chairmanship of Principal Secretary, Environment. • Chief Secretary reviews the progress regularly. • 5 Intern with background in Environmental Engineering have been recruited and a Cell constituted under Chief Secretary.
	• Monitoring at state level must take place	Fortnightly Commencing from 21.12.2019	• Monitoring and regular review is being conducted under the Chairmanship of Chief Secretary, Rajasthan • State Level Advisory Committee constituted for compliance of Waste Management Rules. • District Environment Committees and District Task Force constituted under District Collector with fortnightly reviews.
4	Progress report may be furnished by the States/UTs to • Secretary, Ministry of Jal Shakti • Member Secretary, CPCB	Monthly (preferably before 20th of every month)	• Monthly Progress Report is being sent regularly in compliance of the direction received in 3rd CMC meeting.

4.1	Progress Report may be comprised of details along with completion timelines on:		
	Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in situ treatment.		• 22 drains have been identified in Chambal river in Kota. NRCP agreed to provide funds of Rs 149.59 Crores for trapping of drains. • Six drain are identified. ULB has installed the gratings and regular cleaning is being done at all 06 Drains and two stp's are proposed. For construction of STP 13 Crore funds will be required. • Treatment of Sewage and other pollutants is being taken up as per the River Rejuvenation Action Plan.
	Status of STPs, I&D and sewerage networks Details of existing infrastructure, Gap Analysis, proposed along with completion timeline		• 2 STPs of 30 MLD and 20 MLD are working. Total 05 STP's are proposed under different scheme with the total capacity of 78 MLD. Out of which 61 MLD work is under progress and will be completed 2022. After completion of these STP's total coverage will 80% In Kota. Sewerage Network of 369 Km is in progress out of which 67 Km length completed. **Timeline:- June 2022.** **Budget:-** Total cost is 584 Crore and being executed From RUIDP Fund.

	Status of CETPs Details of Existing CETPs and ETPs Infrastructure, Gap Analysis, proposed along with completion timeline, No. of Industries and complying status		No CETP proposed in the stretch of Chambal River. In the state, the status is as below: Total no. of existing CETPs: 13 (Proposed 2, Alwar and Bikaner) Total no. of industries having ETPs: 1428 (Complying 1292) Total no. of GPIs/SPIs: 1 No. of industries having OCEMS: 285
	Status of Solid Waste Management& Details of Processing Facility Details of Existing Infrastructure, Gap Analysis, proposed along with completion timeline		K'Patan: Construction of MRF shade work is complete. Door to Door collection is happening. For wet waste processing work order has been given and construction likely to be started soon. Timeline:- Work in Progress Budget:- From ULB Fund. Kota: A. Currently 02 TPD Bio Methanation tender has been floated for kitchan waste. Work order has been given for 02 TPD capacity bio-methanation plant for processing of kitchen waste. Timeline:- 06 Months Budget:- From ULB Fund B. In Kota, four time waste to energy plant tendering has been done. In first time EMD of the firm was forfeit.

			Re-Tender done but no firm Participated. for the succes of tender, viability gap funding is proposed to be increased. this fund is being seeked from kota smart city limited and as per the kota smart city limited ,DPR is required to the release the fund. therefore a tender has been invited for prepration of DPR. Tender was invited for transfer station and LOA has been given. Legacy waste bioremediation tender has been invited with the total cost of 10 Crore & it is under evaluation. Budget:- From Smart City Fund.
	Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river		• In Kota, Sample collected from main drains and analysis revealed untreated domestic effluent. • In Jaipur, Samples collected in pre and post monsoon revealed pesticides below detection limit.
	Preventing dumping of waste and scientific waste management including bio-medical waste, plastic wastes and decentralizing waste processing, including waste generated from hotels, ashram etc.		**K'Patan**: Keshraipatan Bio Medical is being treated at Jhalawar Facility. Timeline:- Task Completed. **Kota:** Presently, M/s Hoswin Incinerator, Jhalawar (CBWTDF) has been authorised by Nagar Nigam, Kota for disposal of biomedical waste generated from HCFs of Kota and Bundi districts. Timeline: - Task Completed. Budget: - On PPP Mode

	Ground water regulations		Practice of Ground water recharge, restoration of water storage structures, Rain water harvesting being taken up. Details as per River Rejuvenation Action Plan.
	Adopting good irrigation practice		Water Resource Department, Government of Rajasthan vide circular dated 21.07.2016 issued directions that sprinkler/drip irrigation method will be implemented in all the future irrigation projects. It has been further directed that in existing irrigation projects, it will be implemented in phased manner.
	Protection and Management of Flood Plain Zone		High priority areas of Chambal and Banas river catchment taken up under CSS Scheme of Soil and Water Conservation.
	Rain Water harvesting		RWH structures which had been constructed by WRD Department in Kota –Keshaoraipatan stretches have been handed over to Gram Panchayat. Maintenance of these structures is to be done by Panchayati Raj Department.
	Maintaining minimum environmental flow of river		E flow of 5000 Cusec is being released in Chambal River from Kota Barrage for 35 minutes every Monday in in non-E flow period fro January to Onset of Monsoon.
	Plantation on both sides of river		Details of Plantation along River Chambal is attached as Annexure (Forest).

	Setting up biodiversity parks on flood plains by removing encroachment		No Bio diversity park near river stretch.

OFFICE OF THE CHIEF ENGINEER, WATER RESOURCES DEPARTMENT, RAJASTHAN JAIPUR

No F.-5(55)/CEWR/SE(W)/NGT/Chambal Banas/1327 Date: 19/10/2020

Director cum Joint Secretary,
Department of Environment,
Secretariat Jaipur

Sub: Regarding of Monthly Progress Report to Central Monitoring Committee in Hon'ble NGT Order O.A. No. 673/2018.

Ref: Your Email dated 19.10.2020

Sir,

In connection to the above context, kindly find enclosed herewith latest status/Action Taken Report on the points pertaining to Water Resources Department in the prescribed format regarding the matter of Original Application no. 673/2018 Shri Jacob Koshy V/s CPCB (River Rejuvenation) for information and necessary action please.

Encl:- As above

Yours sincerely,

(Ashim Markandey)
Chief Engineer
Water Resources Department
Rajasthan, Jaipur

National Mission for Clean Ganga

Format for Submission of Monthly Progress Report by States/UTs

(Hon'ble NGT in the matter of O.A No. 673/2018 dated 06.12.2019)

S. No.	Activity to be Monitored	Timeline	Submission of Progress by State-Compliance Status
6.1 (Viii)	Adopting good irrigation practice	Monthly (preferably before 20th of every month)	Water Resources Department, Government of Rajasthan vide circular dated 21.07.2016 issued directions that sprinkler/drip irrigation method will be implemented in all the future irrigation projects. It has been further directed that in existing irrigation projects, it will be implemented in phased manner.
6.1 (Xi)	Maintaining minimum environmental flow of river		E-Flow of 5000 cusec is being released in Chambal River from Kota Barrage for 35 minutes every Monday in non-E flow period from January to onset of Monsoon.

<table>
<tr><th>Sr. No</th><th>Comments as per MoM</th><th>Action Taken</th></tr>
<tr><td>1</td><td>Senior Solid Waste Management Specialist, NMCG informed that as reported by the State in the latest MPR, the State generates 1550.81 MLD of sewage and 70 STPs of 973.18 MLD capacity are existing. 72 STPs of 511.70 MLD are under construction and will be completed in next 2 years.</td><td>State progress is as below:
State generates 1550.81 MLD of Sewage.
Existing capacity has been increased from 973.18 MLD with 70 STP's to 979.18 MLD with 72 STP's.
Total 70 STP's of 505.70 MLD are under construction and will be completed in next 2 years.</td></tr>
<tr><td>2</td><td>Total 5 STPs are proposed under different schemes with the total capacity of 78 MLD in Kota. Out of this, 61 MLD STP work is under progress and will be completed by 2022.
After completion of these STPs, total coverage will 80% in Kota.</td><td>Total 5 STPs are proposed under different schemes with the total capacity of 78 MLD in Kota.
The work of all 5 STPs is under progress and will be completed by 2022.
After completion of these STPs, total coverage will 80% in Kota.</td></tr>
<tr><td>3</td><td>The State needs to provide details of solid waste management of the whole State in the MPR.</td><td>
<table>
<tr><th>Actionable Key Issues</th><th>Current Status</th></tr>
<tr><td>Door to Door Collection</td><td>Door to Door Collection has been done in all 5389 wards of ULB's.</td></tr>
<tr><td>Generation of Total Waste (TPD)</td><td>Total 6500 TPD Waste is being Generated. (As per Census Population)</td></tr>
<tr><td></td><td></td></tr>
<tr><td>Processing of Waste</td><td>1. Currently 1337 TPD waste is being processed by ULB's out of 6500 TPD with the method of Centralized and De centralized processing plants.</td></tr>
</table>
</td></tr>
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		2. Total **2397 TPD** will be processed after establishment of 21 compost plants. 3. For 760 TPD total 03 plants are under tendering stage and 280 TPD capacity total 09 plants are under tender document preparation. 4. 1052 TPD is being processed by BWG's/ Recyclers and Pit Composting, Garden Composting and Remaining 674 TPD is being dumped at landfill site.
4	At Keshoripatan, door to door collection is happening, construction of MRF work is complete and RDF is being made. For wet waste, pit composting is proposed and tender has been invited for construction of pits.	**K'Patan:** Door to door collection is happening, construction of MRF work is complete and RDF is being made. For wet waste processing, tender was invited and work order has been given. Construction likely to be started soon.
5	At Kota, a 2 TPD Bio Methanation plant is proposed, for which tender has been floated.	At Kota, work order has been given for 02 TPD capacity Bio-Methanation plant for processing of kitchen waste. Also, tender was invited for setting up of transfer station. LOA has been given.
6	For bioremediation of legacy waste, tender has been invited with the total cost of Rs. 10 Crore.	Legacy waste bioremediation tender has been invited with the total cost of 10 Crore & it is under evaluation.

7	In Kota, 4 times tendering has been done for waste to energy processing facilities, but the tender was not finalized because first time EMD was forfeited and in remaining times no bidder turned up. 5th time, a waste to compost tender was floated but no bidder turned up. Again, Waste to Compost tender documents are under preparation along with viability check of waste to compost and tender will be issued in a month. Timeline has been provided as 24 Months after tender invitation.	In Kota, 04 time waste to energy processing facilities tendering has been done. Tender was not finalized because first time EMD forfeited and in remaining case no bidder turned up. 5th time waste to compost tender was done but no bidder turned up. Again, Waste to Compost tender shall be invited after preparation of DPR. The tender has been invited for preparing DPR. Timeline: - 24 Months after Tender invitation for waste to compost. Budget: - From Smart City Fund

Sr.No	Activity to be monitored	Timeline	Keshoraipatan	Kota
1	Ensure 100% treatment of sewage at least in-situ remediation	31.03.2020	Gratings has been installed in the Drains to reduce the solid waste in the drains.	UIT Kota has identified 22 Drains and it will be better to take report from UIT directly.
	commencement of setting up of STPs and connecting all the drains and other sources of generation of sewage to the STPs must be ensured.	31.03.2020	Six drain are identified in municpal area which is discharge into chambal river. Two waste water treatment plant proposed for treatement of drain water. Land allotted for WTP & FSTP Plant demarkation of land is done and leveling sheet of exiting land topographical map of town prepared. soil testing of proposed land submitted to MNIT.Work order for making DPR has been issued for the establishment of Waste Water Treatment Plant. DPR has been prepared and submitted for Budget approval. 13 Crore Fund will be required for construction of integrated wastewater and septage management plant. Budget provision not approved by Finance Department. ULB has installed the gratings and regular cleaning is being done at all 06 Drains. Timeline:- 2 Years after budget availablity. Budget:- 13 Crore required.	In Kota, 22 Nos Drains are identified by UIT and tender has been invited and financial bid is under evaluation. Timeline:- Dec 2021 Budget:- From UIT Fund
2	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning.	31.03.2021	Timeline:- 2 Years after budget availablity.	Timeline:- June 2022
3	Chief Secretaries may set up appropriate monitoring mechanism at State level. (i) Specifying accountability of nodal authorities not below the Secretary level (ii) Chief Secretaries may have an accountable person attached in their office for this purpose.	22.01.2020	Related to CS office	
	Monitoring at State level must take place	Fortnightly commencing from 21.12.2019	Related to Environment Department	
4	Progress report may be furnished by the States/UTs to Secretary, Ministry of Jal Shakti Member Secretary, CPCB	Monthly (preferably before 20th of every month)	Related to Environment Department	

	Progress Report may be comprised of details along with completion timelines on: (i) Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment	Six drain are identified in municpal area which are being discharged into chambal river. Two waste water treatment plant proposed for treatement of drain water. Land allotted for WTP & FSTP Plant demarkation of land is done and leveling sheet of exiting land topographical map of town prepared. Soil testing of proposed land submitted to MNIT.Work order for making DPR has been issued for the establishment of Waste Water Treatment Plant. DPR has been prepared and submitted for Budget approval. 13 Crore Fund will be required for construction of integrated wastewater and septage management plant. Budget provision not approved by Finance Department. ULB has installed the gratings and regular cleaning is being done at all 06 Drains. Timeline:- 2 Years after budget availablity. Budget:- 13 Crore required.	Related to UIT Kota
	(ii) Status of STPs, I&D and sewerage networks Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline Status of CETPs	• DPR Prepared and Two waste water treatment plant proposed for treatment of waste water. Capacity are two STPs are 1.5 MLD and 2.5 MLD respectively. • Total 13 Crore Fund will be required for construction of integrated wastewater and septage management plant. Budget provision not approved by Finance Department. Timeline: - 2 Years after budget availability. Budget: - 13 Crore required.	Kota: Two STP of 30 MLD and 20 MLD are working. Total 05 STP's are proposed under different scheme with the total capacity of 78 MLD. Work of all 5 STPs is under progress and will be completed by 2022. After completion of these STP's total coverage will 80% In Kota. Timeline:- June 2022. Budget:- Total cost is 584 Crore and being executed From RUIDP Fund.
	(iii) Details of Existing CETP and ETP Infrastructure, Gap Analysis, Proposed along with completion timeline, No. of industries and complying status		

4.1	(iv) Status of Solid Waste Management & Details of Processing Facilities Details of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline		Construction of MRF shade work is complete. Door to Door collection is happening. For wet waste processing work order has been given and construction likely to be started soon. Timeline:- Work in Progress Budget:- From ULB Fund.	A. Currently 02 TPD Bio Methanation tender has been floated for kitchan waste. Work order has been given for 02 TPD capacity bio-methanation plant for processing of kitchen waste. Timeline:- 06 Months Budget:- From ULB Fund B. In Kota, four time waste to energy plant tendering has been done. In first time EMD of the firm was forfeit. Re-Tender done but no firm Participated. for the succes of tender, viability gap funding is proposed to be increased. this fund is being seeked from kota smart city limited and as per the kota smart city limited ,DPR is required to the release the fund. therefore a tender has been invited for prepration of DPR. Tender was invited for transfer station and LOA has been given. Legacy waste bioremediation tender has been invited with the total cost of 10 Crore & it is under evaluation. Budget:- From Smart City Fund.
	(v) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;		Related to RSPCB	
	(vi) Preventing dumping of waste and scientific waste management including bio-medical wastes, plastic wastes and decentralizing waste processing, including, waste generated from hotels, ashrams, etc.		Keshraipatan Bio Medical is being treated at Jhalawar Facility. Timeline:- Task Completed. Budget:- Project on PPP mode. Waste collection charges are being paid by concerned waste Generators.	Presently, M/s Hoswin Incinerator, Jhalawar (CBWTDF) has been authorised by Nagar Nigam, Kota (under working arrangement) for disposal of biomedical waste generated from HCFs of Kota and Bundi districts. Timeline:- Task Completed. Budget:- On PPP Mode Work Order for new Common Bio medical facility has been awarded and land Lease agreement is under process. Timeline:-One year after grant of EC. Budget:- Project on PPP mode. Waste collection charges are being paid by concerned waste Generators.

NGT Case 673/2018 of "More River Stretches are now Critically Polluted"						
S.No.	**Observation**	**Agency Responsible**	**Agency Responsible**	**Suggested time lines in Action plan**	**Action Taken by Kota**	**Action taken by KPatan**
1	Contamination reaching rive stretch due to fist flush	1.Characterisation of runoff of main drains for fist four storm water flows	RSPCB for Contamination levels .UIT for flow measurement in Kota LSG in K.patan	One month after monsoon (August 2019)	In Kota 22 Nos Drains are identified by UIT and tender has been invited and financial bid is approved by State Govt. **Timeline-Dec2021** **Budget- NMCG (GoI)- 70%** **UPDATED**:- Trapping of Four drains work is completed out of 22 drains and 02 pumping station and 27 Km sewer lines work are completed Remaining Work to be Completed through Risk & cost tender award of 18 Drains 04 pumping Station ,01 STP with 117 Km sewer line likely to be completed in Dec 2021. Work Orders to be issued after getting Revised A&F by NMCG	Six drain are identified .ULB has installed the gratings and regular cleaning is being done at all 06 Drains .DPR Prepared and TWO Water water treatment plant proposed for treatement of waste water. Capacity are two STPs are 1.5 MLD and 2.5 MLD respectively . Total 13 Crore fund will be required for construction of integrated waste water and septage management plant . **Budget provision not approved by Finance Department .** **Timeline :- 2 Years after budget availability .** **Budget :- 13 Crore required.**
		2. Based on 1st Step design of detention basin, if needed	RUIDP/UIT for Kota LSG for K.Patan	Feb. 2020	Not Related to UIT Kota	DPR prepared and waste water treatment plants are proposed.

Executive Engineer (S)
UIT,Kota

Format for UIT Kota (NRCP)

Sr. No	Total Drains to be Tapped	No of Drains Tapped	No of Drains yet to be Tapped	Progress of STPs			Sewer line Progrss		Houes Sewer Connection Progress		Remarks
				Progress STPs	Operational STPs	Under Construction STPs	Proposed Sewer Line Length (In Km)	Exsting Sewer Line Length (In Km)	Proposed house Sewr Connection	Existing House Sewer Connection	
1	22 Nos	4 Nos	18 Nos	2 Nos	1 No.	1 No.	143.94	27.12	-	-	Tenders are sanctioned by GoR but work orders yet to be issued since revised A&F (Rs. 258.40 Cr.) yet to be accorded by NMCG. Proposals have been submitted to NMCG vide letter dated 31.1.2020, 23.7.2020, & 25.9.2020

S.No	Budget Allotted under NRCP	Budget Utilized till date	Budget Remainng
1	50 Cr. (UIT ,Kota)	Nil (Work Oder yet to be issued)	50 Cr.

Executive Engineer (S)
UIT,Kota

Status of STPs under UIT ,Kota												
S. No	Name of Town	Status of STP					Status of Sewer line			House sewer Connection			Ramarks
		Capactiy	No. of STP	Completed STP and capacity	Under Construction STP & capactiy	Inflow & OutFlow Parameters	Total sewer Line	Completed Sewer Line	Balance	Total Scope	Completed	Balance	
1	Kota	30MLD	1 No.	30 MLD	--	inflow 30 MLD outflow 25 MLD	73.67 Km	5.24 Km	68.43 Km	--	--	--	Situated at Saji Dehra Dushehra Maidan
2	Kota	06 MLD	1 No.	--	06 MLD	inflow 06 MLD outflow 06 MLD	28.27 Km	5.04 Km	23.23 Km	--	--	--	Situated at Balita, Kunhari

Executive Engineer (S)
UIT,Kota