

**NGT Matter/Urgent**  
**By E- mail**

**Government of Odisha**  
**Forest, Environment & Climate Change Department**

No. FE-ENV3-ENV-0016-2018 17269 / FE&CC, Date. 27 /09/2021

From

Sri Susanta Nanda, IFS,  
Director, Environment-Cum-Special Secretary to Government

To

The Member Secretary,  
State Pollution Control Board, Odisha

Sub: Minutes of the 4<sup>th</sup> Meeting of River Rejuvenation Committee held on **07.09.2021** at 12:30 PM on Virtual Mode under the Chairmanship of Addl. Chief Secretary, FE&CC Department.

Sir,

In inviting a reference to the subject cited above, I am directed to enclose herewith the approved minutes of the 4<sup>th</sup> Meeting of River Rejuvenation Committee held on **07.09.2021** at 12:30 PM on Virtual Mode under the Chairmanship of Addl. Chief Secretary, FE&CC Department for your kind information and necessary compliance thereof.

You are further requested as Member Convenor to communicate the copy of minutes among other members for necessary compliance.

Yours faithfully,

Encl: As above

  
Director, Env.-cum- 27/09  
Special Secretary to Govt.

Memo No. 17270 /FE&CC, dt. 27.09.2021

Copy forwarded to Senior PS to Additional Chief Secretary, FE & CC Department for kind information of Additional Chief Secretary.

  
Director, Environment-cum- 27/09  
Special Secretary to Govt.

**Minutes of the 4<sup>th</sup> meeting of River Rejuvenation Committee held on 07.9.2021 at 12:30 PM through Virtual Mode**

The Additional Chief Secretary, Forest, Environment and Climate Change Department welcomed all the Members who have virtually attended 4<sup>th</sup> meeting of the River Rejuvenation Committee and gave an outline of the previous three meetings held in connection with preparation of action plans for restoration of 19 polluted river stretches in the State identified by CPCB and covered under the Hon'ble NGT case in the matter of OA 673 of 2018. List of the participants attended the virtual meeting are enclosed as Annexure-1.

With the permission of the Chair, Member Secretary of State Pollution Control Board, Odisha gave a detailed presentation as given below on the actions taken by different organizations as a compliances to the Proceedings of the 3<sup>rd</sup> meeting of River Rejuvenation Committee held on 04.6.2019 and actions suggested in last ten meetings of the Central Monitoring Committee constituted in compliance to the direction of the Hon'ble NGT passed in the order dated 06.12.2019.

Sl. No.	Decisions of the 3 <sup>rd</sup> Meeting of RRC held on 04.6.2019	Compliances	Progress made so far and the Decisions taken
1	The Committee approved 10 Action plans and recommended to submit these action plans to CPCB within the stipulated date line i.e. 30.6.2019 after incorporating the information to be received from OWSSB and H & UD Department.	Action plan of the 10 polluted river stretches such as (i) Kuakhai (Urali to Bhubaneswar) (Priority-IV), (ii) Mahanadi (Sambalpur to Paradeep) (Priority-III), (iii) Rushikulya (Pratatppur to Ganjam) (Priority-V), (iv) Banguru nallah (along Talcher Rengali ((Priority-V), (v) Bheden (along Bheden) (Priority-V), (vi) Kusumi (along Tangi) (Priority-V), (vii) Nuna (along Bijipur) (Priority-V), (viii) Sabulia (along Jagannathpatna, Rambha) (Priority-V), (ix) Nandira Jhor (D/s Talcher) (Priority-V), (x) Budhabalanga (Muahulia to Baripada) (Priority-V) submitted to CPCB vide letter No. 6002 dated 20.06.2019.	All ten action plans have been approved by CPCB for implementation. Progress made on the actions identified are regularly communicated through Monthly Progress Report to National Mission for Clean Ganga (NMCG) with copies to CPCB, Delhi and Department of F, E and CC Department, Govt. of Odisha.

2.	The list of polluted locations for the year 2018, which has already been shared with the H & UD Department , may also	The list of polluted locations for the year 2018 communicated to the PR and DW Department vide letter No. 6145 d	It was decided that H & UD Department and
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Your Signature will appear here.

	be shared with the PR and DW Department for taking necessary action under Swachh Bharat Mission.	22.06.2019	department will furnish the information at the earliest.
3.	PR and DW Department will take necessary action under Swachh Bharat Mission for abatement of river pollution in the above 10 stretches.		
4.	As either single marginal or number of exceedence of BOD values over the tolerance limit has been observed during the last two years in these above 10 river stretches, it was recommended to write to Hon'ble NGT with proper justification for deletion of these 10 stretches from the list of polluted river stretches	Requested for deletion of ten polluted river stretches made to Hon'ble NGT vide letter No. 6811 dated 09.07.2019.	CPCB has requested vide letter No. 1599 dated 03.06.2021 to submit the last two year water quality data along with physical evidence of the actions taken for considering the case for delisting of the polluted river stretches. Accordingly, Water Resource Department, Housing and Urban Development Department and Panchayati Raj and Drinking Water Departments have been requested vide letter No. 9228 dated 09.7.2021 to submit the action taken report along with physical evidence and expenditure incurred for compilation and submission to CPCB.

5.	It was decided that the Public toilet/ community toilet and pipe water supply are to be provided in slums along all 10 major drains leading to Gangua nallah to reduce pollution load.	No information received from H & UD Department in this regard.	It was decided that H & UD Department will furnish the information at the earliest.
6.	OWSSB will provide a detailed progress of STPs under construction, Septage Management Plan, Fund position, timeline for completion of each STPs, Septage management in the State within a week.	Fund position, monthly progress of STPs under construction, timeline for completion of each STPs, septage management in the State are being provided by OWSSB.	Monthly progress is being regularly communicated to NMCG.
7.	The Committee took a view that observations of CPCB on the action plan submitted for Priority-I Polluted river stretch, such as Flood plain zone protection and its management, rain water harvesting, ground water recharge aspect, maintaining E-Flows and water shed management, Good irrigation practices setting up of Biodiversity parks including removal of encroachment and plantation on both sides of rivers etc for rejuvenation are not practically implementable for such a small storm water drain, like Gangua which is approximately 30-40 Km long. Therefore it was decided to inform CPCB with enough justification for un-implementability of some of the observations.	Mentioned in the Action Plans submitted to CPCB.	--
8.	Water Resource Department shall continue to discharge water of Daya West Canal to Gangua nallah through Palasuni escape till the monsoon.	Water Resource Department is releasing 60-100 cusec water from Daya West canal through Palasuni escape to Gangua nallah till the onset of monsoon.	Member Secretary, SPCB informed that even after release of such volume of water to Gangua

			<p>nallah, BOD still remain above the tolerance limit of 3.0 mg/L. Therefore, more volume of water needs to be released till the commissioning of STPs by Housing and Urban Development Department. Chief Engineer, HH, GIS &amp; CEM in Water Resource Department informed that as Daya West Canal is meant for irrigation purpose, it is difficult to release water more than the 50-60 cusec water.</p> <p>It was decided that the H &amp; UD Department will expedite the increase in capacity utilization of already commissioned four STPs and completion of the construction of fifth STP within the scheduled time and till that period, Water Resource Department may release water during lean period from Daya West Canal to Gangua nallah in consultation with the SPCB.</p>
9.	The Water Resource	Water Resource Department	Member

	Department shall ensure no discharge of wastewater of Cuttack city to river Kathajodi through Khannagar to sluice Gate	has communicated to Cuttack Municipal Corporation vide letter No. 23228 dated 06.9.2021 to provide the status on discharge of wastewater of Cuttack city to river Kathajodi through Khannagar to sluice Gate.	Secretary, OWSSB informed that soon after the commissioning of 16 MLD STP at Mattagajpur, no waste water will be discharged through Khan nagar.
10.	The authority of Rourkela Steel Plant shall be requested to release water from Mandira dam to Sankh river to increase the flow in river Brahmani	SPCB has requested Rourkela Steel Plant authority vide letter No. 1871 dated 11.12.2019 to release water from Mandira dam to Sankh river to increase the flow in river Brahmani.	<p>Authority of Rourkela Steel Plant has informed vide letter No. 1871 dated 11.12.2019 that RSP will explore all possibilities to release water from Mandira dam during lean period, after meeting needs of small scale and medium scale industries and of RSP located on the bank of Sankh river to maintain e-flow of Brahmani river.</p> <p>It was decided that the H &amp; UD Department will expedite the increase in capacity utilization of already commissioned one STPs within the scheduled timeline so that the treated waste water will be released to Brahmani river and thereby need of discharge of water from</p>

			Mandira dam may be avoided.
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11.	The action points for the 9 polluted river stretches shall be circulated to the concerned Departments for submission of action taken reports so far taken for discussion in the next River Rejuvenation Committee Meeting	Communicated vide letter No. dated 1830 dated 02.12.2019	Monthly Progress reports of these stretches are being provided by the concerned Departments on regular basis.
12.	The SPCB shall make a survey of the wastewater drains apart from the 10 major drains leading of Gangua nallah for identification of source of pollution.	SPCB has identified three more drains in addition to already identified ten drains and being monitored regularly on monthly basis with respect to BOD and FC.	Water quality of these drains are being shared to NMCG in Monthly Progress Reports.

**1<sup>st</sup> Meeting held on 08.01.2020 (Central Monitoring Committee, Govt. of India)**

a.	Secretary, DOWR, RD & GR , Ministry of Jal Shakti directed that all States/ UTs must have recycle and reuse of water as a policy and must undertake regulatory measures to enforce the same.	Chief Engineer, HH, GIS & CEM in Water Resource Department informed that recycle and reuse of water is a component of the water allocation principle to different industries.  Member Secretary, SPCB informed that directions are being given to recycle and reuse of treated waste water and to adopt Zero discharge concept under the consent administration.	It was decided that SPCB will strengthen the monitoring mechanism for the implementation of the recycle, reuse and zero discharge concept of treated waste water.
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**2<sup>nd</sup> meeting held on 19.02.2020**

a.	All states to identify Nodal Officer for submission of MPR and coordination with NMCG in the matter, Particulars of Nodal Officer may be furnished for ready coordination (Preferably Member Secretary, State	SPCB is regularly submitting the MPR to NMCG in the prescribed format.	It was decided that that the F, E and CC will notify regarding the nomination of Nodal Officer.
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	Pollution Control Board). Format for MPR has been given.		
b.	All the States must develop a monitoring mechanism, online or app based, for monitoring the functionality of the STPs and the discharge water quality. Also, one officer in each state may be earmarked to compile and regularly monitor all STP data and ensure that corrective action is taken by all the concerned agencies.	Member Secretary, SPCB informed that CPCB has developed an online portal for monitoring the functionality of the STPs and the discharge water quality.	It was decided that SPCB will share the login ID and password with the H and UD Department for the purpose.

c.	States/ UTs/ Local bodies are responsible for sewage treatment by setting up of required sewerage infrastructure so that the rivers are not polluted and compliance of the orders of NGT shall not be linked with the financial assistance from Ministry of Jal Shakti.	Member Secretary, OWSSB informed that 10 STPs of installed capacity of 266.50 MLD is operating in Cuttack, Puri, Talcher, Rourkela and Bhubaneswar city in which at present 90.12 MLD waste water is being treated.	It was decided that H * UD Department will expedite the sewerage network infrastructure to attain total capacity utilization capacity of the STPs.
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**3<sup>rd</sup> meeting held on 23.06.2020**

a.	States to regularly submit soft copies of the MPRs containing details of all the stretches to NMCG by 20 <sup>th</sup> of every month	Member Secretary, SPCB informed that the MPRs in the prescribed format are being regularly submitted to NMCG .	--
b.	Shri A. Sudhakar, Additional Director CPCB, informed that with regard to change in priority of rivers due to improvement in water quality, not only BOD but 5 parameters, including Fecal Streptococci, (viz. pH, DO, BOD, Fecal Coliform and Fecal Streptococci ) needs to be	Member Secretary, SPCB informed that all the stated five parameters are being monitored by the Board and the compiled data of last two years will be submitted to CPCB along with the physical evidences of actions taken.	--



	monitored as per the notification of MoEF & CC, and these should be looked upon and strictly followed by RRC. A 2 year monitoring data with 5 parameters needs to be examined before any change in priority of river stretch is notified.		
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**4<sup>th</sup> meeting held on 20.07.2020**

a.	In order to ensure proper functioning of STPs with maximum possible capacity utilization, insisted for expediting sewer networks to be put in place and also to provide house service connections simultaneously.	Member Secretary, OWSSB informed that 10 STPs of installed capacity of 266.50 MLD is operating in Cuttack, Puri, Talcher, Rourkela and Bhubaneswar city in which at present 90.12 MLD waste water is being treated. House service connections to the sewerage networks are in progress	It was decided that H & UD Department will expedite the sewerage network infrastructure and house sewer connections to attain total capacity utilization capacity of the STPs.
b.	State needs to provide details of Town-wise and Stretch-wise septage management undertaken in the entire State.	Member Secretary, SPCB informed that only total numbers of septage management undertaken in the entire State are being provided by OWSSB.	It was decided that H & UD Department to provide updated status of details of Town-wise and Stretch-wise septage management undertaken in the entire State to the SPCB in each month to include in MPR.
c.	Quantity of industrial effluent generated, number and capacity of installed ETPs also needs to be provided.	Member Secretary, SPCB informed that such information are being regularly provided to NMCG in the MPR.	It was decided that SPCB will explore the coordination of Directorate of

			Industries to strengthen the monitoring mechanism of Industrial effluents management.
<b>5<sup>th</sup> meeting held on 31.08.2020</b>			
a.	ED (Tech), NMCG informed that as per CPCB 2015 report, sewage generation in the State is estimated to be 1273 MLD, whereas, as per the information provided by the State in their dossier, it is reported to be 4200 MLD which includes sewage from rural areas also. Secretary, Ministry of Jal Shakti observed that the figure of sewage generation of 4200 MLD seems to be not realistic and asked the State Government to reconcile and confirm the same.	Member Secretary, SPCB informed that at present wastewater generation from only 6 ULBs (Bhubaneswar, Puri, Cuttack, Sambalpur, Rourkel and Talcher) are being provided by the H & UD Department instead of the quantity of wastewater generation of the entire state.	It was decided that the H and UD Department will take immediate steps to reconcile the total quantity of wastewater generation in the State as this remains an issue in the CMC Meetings.
b.	Amount of sewage being treated by STP and FSTP needs to be provided separately.	Member Secretary, OWSSB informed that amount of sewage being treated by STP and FSTP are being provided separately.	--
c.	Similarly, progress made in on-going and proposed projects of STP and FSTP to be provided separately.	Member Secretary, OWSSB informed that progress made in on-going and proposed projects of STP are being provided separately.	It was decided that the H and UD Department will provide progress made in on-going and proposed projects of FSTP to SPCB on regular basis.
<b>6<sup>th</sup> meeting held on 30.9.2020</b>			
a.	Each State should have proper database with regards to sewage, industrial effluent, solid waste,	Member Secretary, SPCB informed that database with regards to sewage,	It was decided that such databases

	hazardous waste and biomedical waste as well as its management. Data should be collected in respect of the whole State and also proper monitoring mechanism should be adopted by the States.	industrial effluent, solid waste, hazardous waste and biomedical waste generation as well as its management	should be regularly updated and the monitoring mechanism of the implementation of the respective waste management rules are to be strengthened.
b.	It was highlighted that management of solid waste is a major issue apart from sewage & industrial effluent, which also needs adequate attention and monitoring of the existing infrastructure.	--	It was decided that H & UD Department will strengthen the monitoring mechanism for the proper management of solid waste.
c.	The States need to ensure that the existing solid waste processing facilities are optimally utilized, sanitary landfill sites are properly maintained, dumping on floodplains/ghats needs to be prevented & checked regularly, and screens/ traps may be installed on the drains and should be regularly cleaned.	--	It was decided that the H & UD Department will take necessary actions in this regard.
d.	CSR funds may be tapped for sewage management and Ministry of Jal Shakti should take lead in assisting States in this regard. With regards to tapping of CSR funds, States should look for contribution of big industries in their State and should engage them.	--	It was decided that the Directorate of Industries will take a lead role in contributing financially for the sewage management of the State.

**7<sup>th</sup> meeting held on 09.11.2020**

a.	Model River being adopted by the	Member Secretary, SPCB	It was decided
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	State to be identified and specified in the MPR.	informed that vide letter 3277 dated 22.07.2020, OWSSB has identified Cuttack stretch of Kathajodi river as model river for restoration purpose. The BOD and TC levels in the stretch is not conforming to the designated best use classification due to discharge of wastewater through Khan nagar Sluicagate.	that the H & UD Department will expedite the work to complete the installation of 16 MLD STP at Mattagajpur and to divert the wastewater which is being discharged through Khan nagar Sluicagate to the STP within the scheduled period of December, 2021.
b.	As per the directions of NGT, Action Plan for addressing the coastal zone pollution needs to be prepared and submitted to CPCB.	Member Secretary, SPCB informed F & E Department has submitted the coastal zone management Plans of coastal districts of Odisha to CPCB as Action Plans. However, CPCB desires a more detailed action Plan for restoration of Coastal stretch.	It was decided that as the action plans are to cover pollution aspects for restoration purpose, the SPCB will prepare the Action Plans on an urgent basis for submission to CPCB.
<b>8<sup>th</sup> meeting held on 05.01.2021</b>			
a.	Secretary, Ministry of Jal Shakti suggested that the State needs to improve the utilization capacity of the existing STPs	The matter has already been discussed.	--
<b>9<sup>th</sup> meeting held on 04.03.2021</b>			
a.	States were directed to ensure	--	--

	compliance with the Directions passed by NGT vide its latest order dated 22.02.2021 .		
	<ul style="list-style-type: none"> <li>River Rejuvenation Committees in the States/UTs and CMC to continue functioning.</li> </ul>	--	It was decided to conduct regular meeting of the River Rejuvenation Committees.
	<ul style="list-style-type: none"> <li>Statutory mechanism existing in form of October, 2016 Ganga Authority Notification may be adopted for all the river stretches as issues involved are common. States were requested to refer to the Authority notification available on NMCG website.</li> </ul>	--	It was decided to explore the need of adoption of Statutory mechanism existing in form of October, 2016 Ganga Authority Notification for the rivers in the State.
b.	States/UTs to ensure that all the rivers in the country should attain good health and to ensure the quality is not degraded.	Members Secretary, SPCB informed that all 11 river systems are being monitored on monthly basis at 129 monitoring stations with respect to its water quality.	--
c.	Fecal coliform should be a parameter for monitoring of polluted river stretches.	Members Secretary, SPCB informed that Fecal Coliform is being monitored at all river stations and being communicated to CPCB.	--
<b>10<sup>th</sup> meeting held on 09.07.2021</b>			
a.	State should take steps to maintain e-flow in the rivers, in order to ensure sustenance of river ecology.	--	It was decided that the Water Resource Department to take action in the regard for calculation of e-

			flow of the rivers and mechanism of e-flow maintenance of rivers during non-monsoon periods.
b.	In compliance to the directions of NGT in the matter OA No 325 of 2015, States should take steps in inventorizing the existing water bodies and efforts should be made in maintaining/improving the water quality and conserving of the water bodies.	Chief Engineer, HH, GIS & CEM in Water Resource Department informed that actions are being taken to inventorize the existing water bodies and preparation of action plans for maintaining/improving the water quality and conservation of the water bodies.	--
c.	Timeline of NGT for completion of STPs is already over and the States need to take fresh permission from NGT for extension of the timelines.	--	It was decided that the H & UD Department to seek fresh permission for extension of the timeline, if required, to the Hon'ble NGT for completion of STPs, sewerage network and household sewer connections.
d.	The State Government needs to ensure compliance of industrial units with the environmental norms and not contribute to pollution load to any of polluted river stretches and/or the recipient water bodies.	Member Secretary, SPCB informed that this is being monitored under the consent administration of the Board. Show cause Notice or Closure Notice are being issued to the defaulting industrial units in case of violations. .	--
e.	For Bhubaneswar and Cuttack,	--	It was decided

	<p>agreement has been signed for setting up 550 TPD centralized Waste to Energy Plant. The State Government was asked to expedite the same in order to ensure compliance to the Solid Waste Management Rules, 2018.</p>		<p>that the H &amp; UD Department to expedite the matter on an urgent basis.</p>
<b>Public Grievance Portal of NMCG</b>			
a.	<p>An online Public Grievance portal has been developed by NMCG to enable easy filing and redressal of public grievance with regards to illegal discharge of sewage/effluents. The portal may be regularly monitored and the issues are to be addressed within the stipulated time period.</p>	<p>Member Secretary, SPCB informed that the portal is being checked on daily basis to keep track of public grievance. No complain has been received in the portal since its installation on 12.01.2021 to 02.09.2021.</p>	--

Besides the above matter, Additional Chief Secretary, F, E and CC Department, Govt. of Odisha also suggested to conduct monthly/ quarterly review of water quality status of surface water bodies and to initiate appropriate actions to restore the water bodies.

The meeting ended with vote of thanks to the Chair.



**Additional Chief Secretary**

**Forest, Environment and Climate Change Department**

**List of Members present in the 4<sup>th</sup> meeting of River Rejuvenation Committee held on  
07.9.2021 at 12:30 PM through Virtual Mode**

1. Additional Chief Secretary, Forest, Environment and Climate Change Department
2. Director, Environment-cum-Special Secretary, Forest, Environment and Climate Change Department,
3. Chief Engineer, HH, GIS & CEM in Water Resource Department
4. Member Secretary, Odisha Water Supply and Sewerage Board
5. Director of Industries, Killa Maidan, Buxi bazar, Cuttack
6. Member Secretary, State Pollution control Board, Odisha



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