



**Government of West Bengal
Department of Environment**

Prani Sampad Bhawan, 5th Floor, LB-2, Sec-III, Saltlake City, Kolkata-106

No. EN/10973C-01/2019

Dated, Kolkata 25 August, 2020

From :: Shri Vivek Kumar, IAS
Principal Secretary
Govt. of West Bengal

To :: Shri D.P.Mathuria
Executive Director – Technical
National Mission for Clean Ganga
1st Floor, Major Dhyan Chand National Stadium
India Gate, New Delhi-110002

Sub: Monthly Progress Report – August, 2020

Sir,
Enclosed please find the present status report in respect of polluted river stretches in the State of West Bengal as per your prescribed proforma.
This is for your information and necessary action.

Yours faithfully

Principal Secretary
Department of Environment

National Mission for Clean Ganga

Monthly Progress Report as on 31.07.2020
(Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019)

Nodal Agency: Public Health Engineering Dte.

Activity to be monitored Timeline Compliance status	River Vidyadhari	River Dwarka	River Mathabhanga
1. Ensure 100% treatment of sewage atleast in-situ remediation Timeline: 31.03.2020	Bio/Phyto remediation is not possible since it is a tidal river.	Bio/ Phyto remediation is not necessary.	Trans-boundary ingress of pollutants from a sugar mill namely Darshana Sugar Mill in Kusthia, Bangladesh. The issue is being dealt at the level of International Joint River Commission between Bangladesh and India.
Commencement of setting up of STPs and connecting all the drains and other sources of generation of sewage to the STP must be ensured Timeline: 31.03.2020	STP work of 24 MLD capacity in New Town was started in August 2016	Sewerage Network: February 2018 Construction of STP: February 2020	Not applicable
2. Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning Timeline: 31.03.2021	(a) New Town-Rajarhat - 24 MLD STP to be completed and commissioned by 30/06/2020. (b) Proposed Borobaro STP by KEIP - 70 MLD, DPR is under preparation by KEIP. (c) 4 module CETP of 5 MLD capacity each, Total 20 MLD to be completed by KMDA (d) Proposed STP at Ghusighata of 170 MLD.	May 2021	Not applicable
3. Chief Secretaries may set up appropriate monitoring mechanism at State level • Specifying accountability of	Environment Monitoring Cell at the office of the Chief Secretary has been formed.	Environment Monitoring Cell at the office of the Chief Secretary has been formed.	Environment Monitoring Cell at the office of the Chief Secretary has been formed.

Activity to be monitored Timeline Compliance status	River Vidyadhari	River Dwarka	River Mathabhanga
nodal authorities not below the Secretary level - Chief Secretaries may have an accountable person attached in their office for this purpose Timeline: 22.01.2020 - Monitoring at state level must take place Timeline: Fortnightly commencing 21.12.2019	CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.
4. Progress report may be furnished by the state/UTs to - Secretary, Ministry of Jal Shakti - Member Secretary, CPCB	Last Monthly Progress Report was sent on 27.07.2020.	Last Monthly Progress Report was sent on 27.07.2020.	Last Monthly Progress Report was sent on 27.07.2020.
5. Progress Report may be comprised of details along with completion time line on:			
i. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment	Identified	Identified March 2015 (A DPR has been prepared by School of Water Resources Engg., Jadavpur University)	Trans-boundary ingress of pollutants from a sugar mill namely Darshana Sugar Mill in Kusthia, Bangladesh.
ii. <u>Status of STPs, I&D and sewerage networks</u> Details of existing infrastructure, Gap Analysis, Proposed treatment facilities along with completion timeline	Total sewage generation =1539.24 MLD Existing STP=1276.73 MLD Gap assessed=262.51 New Town-Rajarhat - 24 MLD STP to be completed and commissioned by 30/06/2020. Proposed Borobaro STP by KEIIP - 70 MLD, DPR is under preparation by KEIIP. Proposed STP at Ghusighata =170 MLD. PHED has taken up	In progress. To be completed in May 2021. 1) Sewage Lifting Station-I: 95% completed. 2) Sewage Lifting Station-II: 100% completed. 3) Sewer Network: 90% completed. 4) STP: 7% completed	Not applicable

Activity to be monitored Timeline Compliance status	River Vidyadhari	River Dwarka	River Mathabhanga
	preparation of the DPR.		
iii. <u>Status of CETPs</u> Details of existing CETP and ETP infrastructure, Gap analysis, proposed along with completion timeline, No. of industries and complying status	4 modules of 5 MLD each are in operation. Additional 4 module CETP of 5 MLD capacity each, Total 20 MLD to be completed by KMDA.	Not Applicable	Not applicable
iv. <u>Status of solid waste management & details of processing facilities</u> Details of existing infrastructure, Gap analysis, proposed facilities along with completion time line	No solid waste of KMC reached the river Vidyadhari. However, KMC, BMC, NKDA have taken up solid waste management program. Door to door collection and segregation at source started. Biomining for legacy waste dump site at MollarBheri will start shortly.	Not Applicable	Not applicable
v. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river	BOD = 8.50 mg/l FC=23000 MPN/100 ml U/S OF BIDYADHARI RIVER AT HAROA BRIDGE (July 2020). CPCB Station Code:2549	BOD = 4.05 mg/l FC=24000 MPN/100 ml D/S OF TARAPITH ON RIVER DWARKA, SATIGHAT (July 2020) CPCB Station Code:2532	BOD = 2.92 mg/l FC=300000 MPN/100 ml ATMATHA BHANGA, GOBINDAPUR (July 2020) CPCB Station Code:2517
vi. Preventing dumping of waste and scientific waste management including biomedical wastes, plastic wastes and decentralizing waste processing, including generated from hotels, ashrams etc.	Two common BMW treatment facilities are in operation. Decentralised waste processing facilities will be set up shortly.	One common BMW treatment facility is in operation. Decentralised waste processing facilities will be set up shortly.	Not applicable
vii. Ground water regulation	Four (4) nos. only surface water based piped water supply schemes have been taken up. Moreover groundwater in the area is regulated by SWID, GoWB	Groundwater in the area is regulated by SWID, GoWB	Groundwater in the area is regulated by SWID, GoWB
viii. Adopting good irrigation practices	Erosion protection work by raising, strengthening and improvement of	Not Applicable	Not Applicable

Activity to be monitored Timeline Compliance status	River Vidyadhari	River Dwarka	River Mathabhanga
ix. Protection and management of Flood Plain Zone	embankment for flood plain zone protection and its management by 31.03.2021.	Not Applicable	Not Applicable
x. Rain water harvesting	Rs 72.256 (Water Conservation) Schemes to be taken under MGNREGA	Not Applicable	Not Applicable
xi. Maintaining minimum environmental flow of river		Not Applicable	Not Applicable
xii. Plantation on both sides of the river	Rs 42.386 Lakh, Schemes to be taken under MGNREGA	Afforestation programme has been taken up by Forest Department.	Afforestation programme has been taken up by Forest Department.
xiii. Setting up biodiversity parks on flood plains by removing encroachment	One biodiversity park called Eco-Park has already been developed in New Town, Kolkata area. GoWB is going to set up Biodiversity park at every block from the next financial year.	GoWB is going to set up Biodiversity park at every block from the next financial year.	GoWB is going to set up Biodiversity park at every block from the next financial year.

National Mission for Clean Ganga

Monthly Progress Report as on 31.07.2020
(Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019)

Nodal Agency: Siliguri Jalpaiguri Development Authority

Activity to be monitored Timeline Compliance status	River Mahananda	River Teesta
1. Ensure 100% treatment of sewage atleast in-situ remediation Timeline: 31.03.2020	Primarily we have identified three major polluting drains namely 1. Drain near STP-II pumping Station at PWD More, Siliguri, 2. Drain near Surya Sen Park at Mahakalpally, Siliguri and 3. Drain near junction of Mahismari River with Mahananda River at Geeta Devi Chhat Ghat at Samar Nagar, Siliguri flowing into Mahananda river for in-situ treatment. Tender process for in-situ treatment of these drains: Tender already invited. Timeline: 31.10.2020	No drainage outfall into river Teesta in this region.
2. Commencement of setting up of STPs and connecting all the drains and other sources of generation of sewage to the STP must be ensured Timeline: 31.03.2020	Preparation of Modified DPR comprising of interception of 76 outfall drains at Left Bank Mahananda River & 186 outfall drains at Jorapani Fuleswari and operationalisation STP-II & STP-III with a capacity of 15 MLD & 24 MLD has been done (Which were earlier taken up by SJDA in 2012-13 under Mahananda River conservation plan but left incomplete due to various reason). These two STPs will cover left bank of Mahananda and Jorapani Fuleswari (Tributaries of Mahananda) respectively. The total Modified DPR cost is Rs. 118.85 Crore. It has been submitted to KMDA on 27.05.2020 for vetting. On scrutiny of the DPR, KMDA Engineer has made some observations and suggested some modifications in the DPR. They also asked SJDA to provide some more additional data. The compliance of same is under process & will be submitted to KMDA at the earliest. Timeline: 31.12.2020	No drainage outfall into river Teesta in this region.
3. Timeline for completing all	After vetting of Modified DPR, it will be submitted to UD	Considering Sl. No. (1) above, no treatment is needed

Activity to be monitored Timeline Compliance status	River Mahananda	River Teesta
steps of action plans including completion of setting up STPs and their commissioning Timeline: 31.03.2021	&MA Deptt., Govt. of West Bengal for sanction. The following are tentative timelines as submitted by our earlier action plan for Mahananda River: (i) Approval from Govt. by 30.9.2020 (ii) Tender procedure by 31.12.2020 (iii) Completion of STPs by 31.03.2022	in this region.
4. Chief Secretaries may set up appropriate monitoring mechanism at State level - Specifying accountability of nodal authorities not below the Secretary level - Chief Secretaries may have an accountable person attached in their office for this purpose Timeline: 22.01.2020 - Monitoring at state level must take place Timeline: Fortnightly commencing 21.12.2019	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.
5. Progress report may be furnished by the state/UTs to - Secretary, Ministry of Jal Shakti - Member Secretary, CPCB	Last Monthly Progress Report was sent on 27.07.2020	Last Monthly Progress Report was sent on 27.07.2020.
6. Progress Report may be comprised of details along with completion time line on :		
i. Identification of polluting sources including drains contributing to river	Primarily we have identified three major polluting drains namely 1. Drain near STP-II pumping Station at PWD More, Siliguri,	No drainage outfall into river Teesta in this region.

Activity to be monitored Timeline Compliance status	River Mahananda	River Teesta
pollution and action as per NGT order on in-situ treatment	2. Drain near Surya Sen Park at Mahakalpally, Siliguri and 3. Drain near junction of Mahismari River with Mahananda River at Geeta Devi ChhatGhat at Samar Nagar, Siliguri flowing into Mahananda river for in-situ treatment. The process have been initiated to execute in-situ treatment on these drains	
ii. <u>Status of STPs, I&D and sewerage networks</u> Details of existing infrastructure, Gap Analysis, Proposed treatment facilities along with completion timeline	Preparation of Modified Detailed Project Report for operationalisation STP-II & STP-III with a capacity of 15 MLD & 24 MLD has been done (Which were earlier taken up by SJDA in 2012-13 under Mahananda River conservation plan but left incomplete due to various reason). These two STPs will cover left bank of Mahananda and JorapaniFuleswari (Tributaries of Mahananda) respectively. The total cost is Rs. Modified DPR 118.85 Crore. It has been submitted to KMDA on 27.05.2020 for vetting. On scrutiny of the DPR, KMDA Engineer has made some observations and suggested some modifications in the DPR. They also asked SJDA to provide some more additional datas. The compliance of same is under process & will be submitted to KMDA at the earliest. With respect to the proposal of STP-I to cover the drains flowing into Mahananda River right bank, there is a problem of land availability. Identification of suitable land is on going After vetting of Modified DPR, it will be submitted to UD & MA Deptt., Govt. of West Bengal for sanction. The following are tentative timelines as submitted by our earlier action plan for Mahananda River: (i) Approval from Govt. by 30.9.2020 (ii) Tender procedure by 31.12.2020 (iii) Completion of STPs by 31.03.2022	Not Available
iii. <u>Status of CETPs</u> Details of existing CETP and ETP infrastructure, Gap analysis, proposed along with	Not Applicable	Not Available

Activity to be monitored Timeline Compliance status	River Mahananda	River Teesta
completion timeline, No. of industries and complying status		
iv. <u>Status of solid waste management & details of processing facilities</u> Details of existing infrastructure, Gap analysis, proposed facilities along with completion time line	Not Available	Not Available
v. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river	BOD = 1.80 mg/l FC=5000 MPN/100 ml AT SILIGURI (July 2020) CPCB Station Code: 1946	BOD = 1.00 mg/l FC=2600 MPN/100 ml AT SEVOKE(July 2020) CPCB Station Code: 1947
vi. Preventing dumping of waste and scientific waste management including biomedical wastes, plastic wastes and decentralizing waste processing, including generated from hotels, ashrams etc.	Not Available	Not Available
vii. Ground water regulation	Not Available	Not Available
viii. Adopting good irrigation practices	Not Available	Not Available
ix. Protection and management of Flood Plain Zone	Not Available	Not Available
x. Rain water harvesting	Not Available	Not Available
xi. Maintaining minimum environmental flow of	Not Available	Not Available

Activity to be monitored Timeline Compliance status	River Mahananda	River Teesta
river		
xii. Plantation on both sides of the river	Not Available	Not Available
xiii. Setting up biodiversity parks on flood plains by removing encroachment	Not Applicable	Not Available

National Mission for Clean Ganga

Monthly Progress Report as on 31.07.2020
(Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019)

Nodal Agency: Municipal Engineering Dte.

Activity to be monitored Timeline Compliance status	River Silabati	River Dwarekeswar	River Kaljani	River Karola
1. Ensure 100% treatment of sewage atleast in-situ remediation Timeline: 31.03.2020	Primary treatment will be completed by 31.03.2021	Primary treatment will be completed by 31.03.2021	Primary treatment will be completed by 31.03.2021	Primary treatment will be completed by 31.03.2021
2. Commencement of setting up of STPs and connecting all the drains and other sources of generation of sewage to the STP must be ensured Timeline: 31.03.2020	Primary treatment will be sufficient as BOD level is 2.20 mg/l (July 2020)	Primary treatment will be sufficient as BOD level is 2.75 mg/l (July 2020)	Primary treatment will be sufficient as BOD level is 1.60 mg/l (July 2020)	Primary treatment will be sufficient as BOD level is 1.80 mg/l (July 2020)
3. Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning Timeline: 31.03.2021	31.03.2021	31.03.2021	31.03.2021	31.03.2021
4. Chief Secretaries may set up appropriate monitoring mechanism at State level - Specifying accountability of nodal authorities not below the Secretary level - Chief Secretaries may have an accountable person attached in their office for this purpose Timeline: 22.01.2020 - Monitoring at state level must take place	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.

Activity to be monitored Timeline Compliance status	River Silabati	River Dwarekeswar	River Kaljani	River Karola
Timeline: Fortnightly commencing 21.12.2019				
5. Progress report may be furnished by the state/UTs to - Secretary, Ministry of Jal Shakti - Member Secretary, CPCB	Last Monthly Progress Report was sent on 27.07.2020.	Last Monthly Progress Report was sent on 27.07.2020.	Last Monthly Progress Report was sent on 27.07.2020.	Last Monthly Progress Report was sent on 27.07.2020.
6. Progress Report may be comprised of details along with completion time line on :				
i. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment	Primary treatment for Ghatal for river Silabati by providing screens, sedimentation tank, followed by disinfection by chlorination at out falls of 4 nos. of drains is proposed. Work Order issued on 30.07.2020 but present site condition is not suitable to start any construction work due to huge accumulation of rain water at all the 4 nos. of sites.	Primary treatment for Bankura for river Dwareswar by providing screens, sedimentation tank followed by disinfection by chlorination at out falls of 13 nos. of drains is proposed. 3rd call opening date- 02/07/2020, Work order will be issued on shortly.	Primary treatment for Alipurduar for river Kaljani by providing screens, sedimentation tank, followed by disinfection by chlorination at out falls of 18 nos. of drains is proposed. Acceptance issued on 19/06/2020, work order issued on 03.07.2020, work to be started shortly.	Primary treatment for Jalpaiguri for river karola by providing screens and aeration arrangement at out falls of 47 nos. of drains is proposed. Work order issued on 02/07/2020, Saring of work delayed due to high rainfall.
ii. <u>Status of STPs, I&D and sewerage networks</u> Details of existing infrastructure, Gap Analysis, Proposed treatment facilities along with completion timeline				
iii. <u>Status of CETPs</u> Details of existing CETP and ETP infrastructure, Gap analysis, proposed along with completion	Not applicable	Not applicable	Not applicable	Not applicable

Activity to be monitored Timeline Compliance status	River Silabati	River Dwarekeswar	River Kaljani	River Karola
timeline, No. of industries and complying status				
iv. <u>Status of solid waste management & details of processing facilities</u> Details of existing infrastructure, Gap analysis, proposed facilities along with completion time line	D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be achieved within March 2021. Present generation of waste in town is 28 TPD. Establishment of waste processing facility including SLF for the town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016	D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be achieved within March 2021. Present generation of waste in town is 65 TPD. Establishment of waste processing facility including SLF for the town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016	D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be achieved within March 2021. Present generation of waste in town is 22 TPD. Establishment of waste processing facility including SLF for the town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016	D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be achieved within March 2021. Present generation of waste in town is 40 TPD. Establishment of waste processing facility including SLF for the town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016
v. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river	BOD = 2.20 mg/l FC=4300 MPN/100 ml AT GHATAL (July 2020) CPCB Station Code: 2508	BOD = 2.75 mg/l FC=2500 MPN/100 ml AT BANKURA (July 2020) CPCB Station Code: 2541	BOD = 1.60 mg/l FC=8000 MPN/100 ml AT ALIPURDUAR (July 2020) CPCB Station Code: 2524	BOD = 1.80 mg/l FC=3400 MPN/100 ml AT JALPAIGURI (July 2020) CPCB Station Code: 2523
vi. Preventing dumping of waste and scientific waste management including biomedical wastes, plastic wastes and decentralizing waste processing, including generated from hotels, ashrams etc.	BMW reaches to common BMW facility.	BMW reaches to common BMW facility.	BMW reaches to common BMW facility.	BMW reaches to common BMW facility.
vii. Ground water regulation	Groundwater in the area is regulated by SWID, GoWB	Groundwater in the area is regulated by SWID, GoWB	Groundwater in the area is regulated by SWID, GoWB	Groundwater in the area is regulated by SWID, GoWB
viii. Adopting good irrigation	Bank protection work is	Bank protection work is	Bank protection work is	Bank protection work is

Activity to be monitored Timeline Compliance status	River Silabati	River Dwarekeswar	River Kaljani	River Karola
practices	running.	running.	running.	running.
ix. Protection and management of Flood Plain Zone				
x. Rain water harvesting	Included in Municipal Building Byelaws	Included in Municipal Building Byelaws	Included in Municipal Building Byelaws	Included in Municipal Building Byelaws
xi. Maintaining minimum environmental flow of river				
xii. Plantation on both sides of the river	Forestry development will be taken up.	Forestry development will be taken up.	Forestry development will be taken up.	Forestry development will be taken up.
xiii. Setting up biodiversity parks on flood plains by removing encroachment	GoWB is going to set up Biodiversity park at every block from the next financial year.	GoWB is going to set up Biodiversity park at every block from the next financial year.	GoWB is going to set up Biodiversity park at every block from the next financial year.	GoWB is going to set up Biodiversity park at every block from the next financial year.

National Mission for Clean Ganga

Monthly Progress Report as on 31.07.2020
(Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019)

Nodal Agency: Municipal Engineering Dte.

Activity to be monitored Timeline Compliance status	River Kansi	River Mayurakshi	River Rupnarayan	River Jalangi
1. Ensure 100% treatment of sewage at least in-situ remediation Timeline: 31.03.2020	Primary treatment will be completed by 31.03.2021	Primary treatment will be completed by 31.03.2021	Primary treatment will be completed by 31.03.2021	Primary treatment will be completed by 31.03.2021
2. Commencement of setting up of STPs and connecting all the drains and other sources of generation of sewage to the STP must be ensured Timeline: 31.03.2020	Primary treatment will be sufficient as BOD level is 1.75 mg/l (July. 2020)	Primary treatment will be sufficient as BOD level is 1.85 mg/l (July 2020)	Primary treatment will be sufficient as BOD level is 1.50 mg/l (July 2020)	Primary treatment will be sufficient as BOD level is 1.35 mg/l (July 2020)
3. Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning Timeline: 31.03.2021	31.03.2021	31.03.2021	31.03.2021	31.03.2021
4. Chief Secretaries may set up appropriate monitoring mechanism at State level - Specifying accountability of nodal authorities not below the Secretary level - Chief Secretaries may have an accountable person attached in their office for this purpose Timeline: 22.01.2020 - Monitoring at state level must take place	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.

Activity to be monitored Timeline Compliance status	River Kansi	River Mayurakshi	River Rupnarayan	River Jalangi
Timeline: Fortnightly commencing 21.12.2019				
5. Progress report may be furnished by the state/UTs to - Secretary, Ministry of Jal Shakti - Member Secretary, CPCB	Last Monthly Progress Report was sent on 27.07.2020.	Last Monthly Progress Report was sent on 27.07.2020.	Last Monthly Progress Report was sent on 27.07.2020.	Last Monthly Progress Report was sent on 27.07.2020.
6. Progress Report may be comprised of details along with completion time line on :				
i. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment	Primary treatment for Midnapore for river Kansi by providing screens, sedimentation tank, followed by disinfection by chlorination at out falls of 2 nos. of drains (although 26 nos. of drains are very small out of 28 nos. identified) is proposed. Two eligible bidders in the 3rd call, found lowest rate offered is Rs.5338266.38 which is 1.24% below the estimated amount, hence Secretary MED will place the tender documents to the SDTC for consideration in the next meeting.	Primary treatment for river by providing screens, aeration followed by disinfection by chlorination at out falls of 12 nos. of drains at Suri and 14 nos. at Sainthia is proposed. 2nd call opening date-26/06/2020, tender expected to be finalized by August-2020. For Suri-No land is available as all are private lands & municipality is not in a position to purchase right now. For Sainthia- Already construction work completed by ULB as per direction of DM, The Chief Engineer, MED had requested for the land at up stream&down stream side near the 14 nos. of out fall so that	Primary treatment for river by providing screens, sedimentation tank followed by disinfection by chlorination at out falls of 4 nos. of drains is proposed. Single eligible bidders in the 3rd call, found lowest rate offered is Rs-8531983.71 which is 0.5% below the estimated amount, hence Secretary MED will place the tender documents to the SDTC for consideration in the next meeting.	Primary treatment for river by providing screens, aeration followed by disinfection by chlorination at out falls of 8 nos. of drains is proposed. 4th call opening date- 03/08/2020, tender expected to be finalized by August-2020. Letter of acceptance will be issued shortly.

Activity to be monitored Timeline Compliance status	River Kansi	River Mayurakshi	River Rupnarayan	River Jalangi
		construction work may be carried out as per guideline of NGT, but no land is available.		
ii. <u>Status of STPs, I&D and sewerage networks</u> Details of existing infrastructure, Gap Analysis, Proposed treatment facilities along with completion timeline				
iii. <u>Status of CETPs</u> Details of existing CETP and ETP infrastructure, Gap analysis, proposed along with completion timeline, No. of industries and complying status	Not applicable	Not applicable	Not applicable	Not applicable
iv. <u>Status of solid waste management & details of processing facilities</u> Details of existing infrastructure, Gap analysis, proposed facilities along with completion time line	D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be achieved within March 2021. Present generation of waste in town is 114 TPD. Establishment of waste processing facility including SLF for the town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016.	Sainthia D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be achieved within March 2021. Generation of waste in town is 27 TPD. Establishment of waste processing facility including SLF for the town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016	D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be achieved within March 2021. Present generation of waste in town is 54 TPD. Establishment of waste processing facility including SLF for the town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016	D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at sources expected to be achieved within March 2021. Present generation of waste in town is 154 TPD. Establishment of waste processing facility including SLF for town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016

Activity to be monitored Timeline Compliance status	River Kansi	River Mayurakshi	River Rupnarayan	River Jalangi
		Suri D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be achieved within March 2021. Generation of waste in town is 47 TPD. Establishment of waste processing facility including SLF for the town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016		
v. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river	BOD = 1.75 mg/l FC=4000 MPN/100 ml AT MIDNAPUR (July 2020) CPCB Station Code: 2507	BOD = 1.85 mg/l FC=2200 MPN/100 ml AT SURI (July 2020) CPCB Station Code: 2534	BOD = 1.50 mg/l FC=6300 MPN/100 ml AT KOLAGHAT (July 2020) CPCB Station Code: 2509	BOD = 1.35 mg/l FC=1700 MPN/100 ml AT KRISHNANAGAR (July 2020) CPCB Station Code: 2514
vi. Preventing dumping of waste and scientific waste management including biomedical wastes, plastic wastes and decentralizing waste processing, including generated from hotels, ashrams etc.	BMW reaches to common BMW facility.	BMW reaches to common BMW facility.	BMW reaches to common BMW facility.	BMW reaches to common BMW facility.
vii. Ground water regulation	Groundwater in the area is regulated by SWID, GoWB	Groundwater in the area is regulated by SWID, GoWB	Groundwater in the area is regulated by SWID, GoWB	Groundwater in the area is regulated by SWID, GoWB
viii. Adopting good irrigation practices	Bank protection work is running.	Bank protection work is running.	Bank protection work is running.	Bank protection work is running.

Activity to be monitored Timeline Compliance status	River Kansi	River Mayurakshi	River Rupnarayan	River Jalangi
ix. Protection and management of Flood Plain Zone				
x. Rain water harvesting	Included in Municipal Building Byelaws	Included in Municipal Building Byelaws	Included in Municipal Building Byelaws	Included in Municipal Building Byelaws
xi. Maintaining minimum environmental flow of river				
xii. Plantation on both sides of the river	Forestry development will be taken up.	Forestry development will be taken up.	Forestry development will be taken up.	Forestry development will be taken up.
xiii. Setting up biodiversity parks on flood plains by removing encroachment	GoWB is going to set up Biodiversity park at every block from the next financial year.	GoWB is going to set up Biodiversity park at every block from the next financial year.	GoWB is going to set up Biodiversity park at every block from the next financial year.	GoWB is going to set up Biodiversity park at every block from the next financial year.

National Mission for Clean Ganga

Monthly Progress Report as on 31.07.2020
(Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019)

Nodal Agency: Kolkata Metropolitan Development Authority

Activity to be monitored Timeline Compliance status	River Ganga	River Churni
1. Ensure 100% treatment of sewage atleast in-situ remediation Timeline: 31.03.2020	55 drains have been identified. Out of 55 drains, 33 Drains are either connected or proposed to be connected to different STPs. For remaining 22 drains, as per the CPCB guidelines (published in Feb. 2020), the feasibility of the work in these channels will be completed by February 2021 taking into consideration of COVID-19 Pandemic and the ensuing monsoon period. <u>Under KMC</u> Dhankhetikhal is having tidal effect. Bio/Phyto remediation is not feasible. Tolly's Nullah: Bioremediation will not be taken up as it is under tidal regime.	2 (Two) nos. of drains discharging maximum mixed wastewater have been identified at Ranaghat Municipal Town for interim measures - 1. Sreenathpur 2. BaskoKhal ➤ Tender for Bio/Phyto - remediation work for these drains have been finalized. ➤ Work Order has been issued to the selected bidder on 25.06.2020. The Work has been started. Likely completion time December 2020.
2. Commencement of setting up of STPs and connecting all the drains and other sources of generation of sewage to the STP must be ensured Timeline: 31.03.2020	Total STPs in different phases of execution under KMDA-33 (1) Total no of operational STPs:16 (i) Total no. of fully operational STPs:7 (ii) Total no. of partially operational STPs (Presently undergoing renovation and likely to become fully functional by May 2021): 9 (2) Total no of new under construction STPs: 5 (i) 4 nos. of STPs are likely to be completed by December 2020. (ii) 1 no of STP likely to be completed by November 2021. (3) Total no of STPs presently non functional but under renovation: 6 (i) 4 nos. of STPs are likely to be completed by March 2021. (ii) 2 nos. of STPs are likely to be completed by June 2021.	Total STPs in different phases of execution under KMDA-3 (1) STPs under tendering stage: 3 DPR prepared. Administrative approval and financial sanction accorded by GoWB. In the 1st call of tender no bidders have participated. 2nd call of tender was invited and one Bidder had participated in the tender but due to higher rate quoted by the bidder the tender was cancelled. Hence the third call of the tender has been invited on 31.07.2020. Last date of submission 31st August, 2020.

Activity to be monitored Timeline Compliance status	River Ganga	River Churni
	(4) New STPs undertaken under HAM model (Likely date of completion is 24 month from commencement) : 3 Concession Agreement signed on 5th June 2019 between KMDA, NMCG and the Concessionaire and the work will be started after financial closure by the Concessionaire which is in progress under supervision of NMCG) (5) Newly approved STP under tendering stage: 1 (Mahestala: Last date of bid submission under HAM Model 31st July, 2020) (6) STP under DPRs stage: 2 (Hooghly Chinsura and North-Barracpore: DPRs have been submitted to NMCG for approval) <u>Under KMC</u> <u>1) Kolkata Environmental Improvement Investment Programme (KEIIP)</u> a) 3 nos. of STPs at Rajpur-Sonarpur, Near WBSETCL Joka and At Bank plot M.G road. Timeline: by 2022. b) The timeline for proposed 1 no. STP for Borough-XII [Wd-108,109(part), 110] is not yet finalized. <u>2) Tollys' Nullah Rehabilitation Project, KMC</u> a) 3 nos. of STPs at Police Telecom Department Land near Wireless Park, Near Golf Garden, Sukhapukur and Near KaviNazrul Metro Station, Birji Road. Timeline: 30month for capital works from date of contract agreement & 15years O&M from commercial operation date. <u>3) Municipal Waste Water Project, KMC</u> a) 3 nos. STPs at STP Near LS 10, STP Near at SurinaamGhat, DhankhetiNikashi and STP Near BhangaKhal, Garden reach area. Time line: 52month for capital works & 10years O&M.	

Activity to be monitored Timeline Compliance status	River Ganga	River Churni
	<u>PHED</u> STPs Under PHED Jurisdiction Total nos. of STPs-5 1) 4 nos. are operational STPs and 2) 1 nos are non-operational.	
3. Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning Timeline: 31.03.2021	31.12.2023 <u>Under KMC</u> By 2023	Proposed STPs - 1] 4 MLD STP (with SBR Technology) at Sreenathpur. 2] 5.2 MLD STP (with SBR Technology) at Chaitanyaghat 3] 2.6 MLD STP (with SBR Technology) at Silver Jubilee Road Timeline of completion : 31.12.2023
4. Chief Secretaries may set up appropriate monitoring mechanism at State level - Specifying accountability of nodal authorities not below the Secretary level - Chief Secretaries may have an accountable person attached in their office for this purpose Timeline: 22.01.2020 - Monitoring at state level must take place Timeline: Fortnightly commencing 21.12.2019	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.
5. Progress report may be furnished by the state/UTs to - Secretary, Ministry of Jal Shakti - Member Secretary, CPCB	Last Monthly Progress Report was sent on 27.07.2020	Last Monthly Progress Report was sent on 27.07.2020.
6. Progress Report may be comprised of details along		

Activity to be monitored Timeline Compliance status	River Ganga	River Churni
with completion time line on :		
i. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment	DhankhetiKhal, Tolly'sNullah&ChitpurGhat/ Circular Canal are amongst the 56 priority drains discharging to river Ganga.	2 (Two) nos. of drains discharging maximum mixed wastewater have been identified at Ranaghat Municipal Town for interim measures - 1. Sreenathpur 2. BaskoKhal ➤ Tender for Bio/Phyto - remediation work for these drains have been finalized. ➤ Work Order has been issued to the selected bidder on 25.06.2020. The work has been started. Likely completion time December 2020.
ii. <u>Status of STPs, I&D and sewerage networks</u> Details of existing infrastructure, Gap Analysis, Proposed treatment facilities along with completion timeline	Under KMDA: (A) Total STPs in different phases of execution under KMDA-33 (1) Total no of operational STPs:16 (i) Total no of fully operational STPs:7 (ii) Total no of partially operational STPs (Presently undergoing renovation and likely to become fully functional by May 2021) : 9 (2) Total no of new under construction STPs: 5 (i) 4 nos of STPs are likely to be completed by December 2020. (ii) 1 no of STP likely to be completed by November 2021. (3) Total no of STPs presently non-functional but under renovation: 6 (i) 4 nos of STPs are likely to be completed by March 2021. (ii) 2 nos of STPs are likely to be completed by June 2021. (4) New STPs undertaken under HAM model (Likely date of completion is 24 months from commencement): 3 Concession Agreement signed on 5th June 2019 between KMDA, NMCG and the Concessionaire and the work will be started after financial closure by the Concessionaire which is in progress under supervision of NMCG)	Total STPs in different phases of execution under KMDA-3 (1) Newly approved STP under tendering stage: 3 DPR prepared. Administrative approval and financial sanction accorded by GoWB. In the 1st call of tender no bidders have participated. 2nd call of tender was invited and one Bidder had participated in the tender but due to higher rate quoted by the bidder the tender was cancelled. Hence the third call of the tender has been invited on 31.07.2020. Last date of submission 31st August, 2020. Present Sewage generation = 10.14 MLD Projected Sewage Generation =11.6 (2035) Proposed capacity of STP = 11.8 MLD Proposed capacity of STP = 11.80 MLD (Under tendering stage) with Interception & Diversion network in Ranaghat Municipal Town.

Activity to be monitored Timeline Compliance status	River Ganga	River Churni
	(5) Newly approved STP under tendering stage: 1 (Mahestala: Last date of bid submission under HAM Model 31st July, 2020) (6) STP under DPRs stage: 2 (Hooghly Chinsura and North-Barracpore: DPRs have been submitted to NMCG for approval) <u>(B) GAP Analysis:</u> (i) Total sewage Generated as per 2011 (MLD) : 534.19 (ii) Processed/ Treated (MLD): 543.33 (iii) Total treatment capacity Gap in MLD : Nil for KMDA <u>Under KMC</u> <u>GAP Analysis:</u> i) Total sewage Generated (MLD) : 1400 ii) Processed/ Treated (MLD): 1376.06 For KMC –23.94 MLD <u>PHED</u> <u>STPs Under PHED Jurisdiction</u> <u>Total nos. of STPs-5</u> 1) 4 nos. are operational STPs and 2) 1 nos are non-operational.	
iii. <u>Status of CETPs</u> Details of existing CETP and ETP infrastructure, Gap analysis, proposed along with completion timeline, No. of industries and complying status	Not applicable	Not applicable
iv. <u>Status of solid waste management & details of processing facilities</u>	D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be achieved	D 2 D collection of solid waste is expected to be achieved within January 2021. Waste segregation at source is expected to be

Activity to be monitored Timeline Compliance status	River Ganga	River Churni
Details of existing infrastructure, Gap analysis, proposed facilities along with completion time line	within March 2021 Present generation of waste in towns (except KMC) is 3856 TPD. Establishment of waste processing facility including SLF for towns will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016. <u>Under KMC</u> Entire MSW generated is collected. MSW is processed in Centralised Compost Plant of capacity 500 TPD and Decentralized Organic Waste Composter of capacity 600kg/day.	achieved within March 2021 Present generation of waste in town is 26 TPD. Establishment of waste processing facility including SLF for town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016.
v. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river	BOD = 2.50 mg/l Fecal Coliform=80000 MPN/100 ml AT DAKSHINESWAR (July 2020) CPCB Station Code: 1053	BOD = 5.17 mg/l Fecal Coliform=800000 MPN/100 ml AT RANAGHAT (July 2020) CPCB Station Code: 1764
vi. Preventing dumping of waste and scientific waste management including biomedical wastes, plastic wastes and decentralizing waste processing, including generated from hotels, ashrams etc.	To implement Scientific Solid Waste Management, SUDA had invited e-NIT no SUDA-366/2019/8156 dated 30.12.2019 for Bio Remediation of Legacy Waste and setting up of waste processing facilities including SLF for Cluster-I Project which caters to 2(two) Ganga Towns. The 1st call was non responsive as no bidder have participated in the Bid. Thereafter 2nd Call for the same work was invited through e-NIT No. SUDA -366/2019(pt-I)/10738 dated 13.06.2020. Only one bidder has participated and currently under process of finalization of tender. As maturing of tender could take some time and considering the need for early removal of legacy waste at the Promodnagar dump site, UD&MA Department has engaged an expert agency for removal of legacy waste following the 'Pirana' model as an interim measure. Similarly, SUDA had invited e-NIT no SUDA-369/2019/8430	Establishment of waste processing facility including SLF for town will be completed following the timeframe as stipulated in Rule 22 of SWM Rule 2016.

Activity to be monitored Timeline Compliance status	River Ganga	River Churni
	dated 03.01.2020 for Bio Remediation of Legacy Waste and setting up of waste processing facilities (for Bhadrashwar&Dankuni) for Cluster-4 Project which caters to 7(seven) Ganga Towns. The 1st call was non responsive as no bidder had participated in the Bid. Thereafter 2ndCall for the same work was invited through e-NIT No. SUDA –369/2019(pt-I)/11167 dated 30.06.2020. Only one bidder has participated in the bid. <u>Under KMC</u> Bio-medical waste. • KMC health Department-generate Bio-Medical Waste are Already being disposed regularly from each of the Health Units by the Licensed CBMWTSDf (Common Bio-medical Waste Treatment,storage and Disposal Facilities). • Preventing dumping of waste and scientific waste management including plastic waste and decentralizing waste processing including waste generated from hotels, ashrams, etc.	
vii. Ground water regulation	<u>SWID</u> 1) Installation of Water Meter with telemetry system at industrial Tube Wells for monitoring of real-time GW withdrawal is in progress. 2) Implementation of Real-Time GW Level monitoring system is in progress. <u>KMC</u> Present water supply under KMC jurisdiction – Treated surface water – 94% Ground water – 6%	<u>SWID</u> 1) Water meter without telemetry system is installed at industrial tubewell. 2)Physio-chemical quality of Ground Water (GW) samples collected from GW monitoring nullahs during pre-monsoon and post monsoon period is tested every year .
viii. Adopting good irrigation practices	Present status 39% (Achieved)	Present status 38% (Achieved)
ix. Protection and management of Flood	In left bank, 0.135 km bank protection work of Rs.2.61 Crore is completed and Proposed Time Targets for compliance of	Protection to the eroding right bank of river Churni of Rs. 1.56 Crore is in Approval stage and Proposed Time

Activity to be monitored Timeline Compliance status	River Ganga	River Churni
Plain Zone	1.045 km bank protection work of Rs.14.01 Crore will be 2021-22. In right bank, 0.66 km bank protection work of Rs.4.64 Crore is completed and 0.24 km. bank protection work of Rs. 1.56 Crore is 85% completed.	Targets for compliance will be 31.03.21.
x. Rain water harvesting	Under KMC Rain Water Harvesting in already incorporated in Building Rule2009 which is as follows: Rule-144 Rain Water Harvesting and Tree Cover Rain Water Harvesting (RWH), RWH shall form a part the buildingand shall have to be included in the plan, either for direct use of the rain water or for ground water recharging or both, in case of (i) New building or buildings or any housing complex as per Environment Impact Assessment Guideline issued by State Government/ Government of India. (ii) Expansion of any existing building or buildings or housing complex, as per Environment Impact Assessment Guidelineissued by State Government/ Government of India. This system shall comply with Central & State statutoryrequirements laid down in the relevant Acts & bye-laws. It is implemented for the buildings on area exceeding 20,000Sq.m.	
xi. Maintaining minimum environmental flow of river	The river is a perennial river. The environmental flow is maintained through the release from Farakka barrage throughout the year.	Hanskhali, Krishnaganj and Ranaghat - 0.5 KM bank protection work to prevent erosion of the right bank at Bapujinagar GP, Hanskhali Nadia which will help to maintain e-flow. Proposed timeline : 31-3-2021 (estimation stage)
xii. Plantation on both sides of the river	Advance (Nursery work) 100% completed. Creation of Plantation, 0%. Fund not received. Under KMC Beside Plantation made are 11,922 in 2019 in KMC area,	Advance (Nursery work) 100% completed. Creation of Plantation, 0%. Fund not received. Plants vetivergrassess on the river bank and Tree plantation in the catchment area have been done in a

Activity to be monitored Timeline Compliance status	River Ganga	River Churni
	total number of shrubs and hedges planted in different gardens and parks is about 20,000. Kolkata Municipal Corporation area located at the eastern side of the river Ganga and therefore KMC has the responsibility of plantation on the eastern side of the river only. During the ongoing monsoon of 2020 KMC has planned to plant about 50,000 saplings at different parts of the city to compensate the loss of greenery due to the cyclonic storm UMPHAN in the city. As of now about 500 saplings have been planted and the process of plantation is going on.	massive way and executed by P&RD
xiii. Setting up biodiversity parks on flood plains by removing encroachment		1 no of scheme on Bio Diversity park under Nadia district from MGNREGA.

National Mission for Clean Ganga

Monthly Progress Report as on: 31.07.2020
(Hon'ble NGT in the matter of OA No. 673/2018 dated 06.12.2019)

Nodal Agency: Asansol Durgapur Development Authority

Sl. No.	Activity to be mentioned	Timeline	River Damodar	River Barakar
1.	Ensure 100% treatment of sewage at least in-situ remediation.	30.06.2021	• 11 Drainage outfall channels identified discharging into the river. • Action for Bio / Phyto remediation for the 11 drains shall be taken up as an interim measure. • Laboratory test on Quality of waste water of all drainage channels have been conducted by WBPCB. (Enclosed in the Action Plan)	• 7 Drainage outfall channels identified discharging into the river. • Action for Bio / Phyto remediation for the 7 drains shall be taken up as an interim measure. • Laboratory test on Quality of waste water of all drainage channels have been conducted by WBPCB. (Enclosed in the Action Plan)
	Commencement of setting up of STPs and connecting all the drains and other sources of generation of sewage to the STPs must be ensured.	30.04.2021	LOI has been issued to M/s Bluestream Infrastructure Development consultant Pvt. Ltd. for "Feasibility study & preparation of Detailed Project Report (DPR) with a provision of Interception and Diversion point at the Downstream point of River Damodar & Barakar including Pumping Station and Sewage Treatment Plant at Asansol and Durgapur Municipal Corporation Town."	
2.	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.05.2022	• DPR is under process. Action for Bio / Phyto remediation for the aforesaid 18 drains has been considered necessary in the mean time as an interim measure. Action shall be taken in the above direction.	
3.	Chief Secretaries may set up appropriate monitoring mechanism at State level • Specifying accountability of nodal authorities not below the Secretary level • Chief Secretaries may have an accountable person attached in their office for this purpose.	22.01.2020	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.	Environment Monitoring Cell at the office of the Chief Secretary has been formed. CEO, KMDA is the nodal officer for liquid waste management. SUDA is the nodal agency for solid waste management.
	• Monitoring at State level must take place	Fortnightly Commending		

Sl. No.	Activity to be mentioned	Timeline	River Damodar	River Barakar
		21.12.2019		
4.	Progress report may be furnished by the States/UTs to - Secretary, Ministry of Jal Shakti - Member Secretary, CPCB	Monthly (preferably before 20 th of every month)	Last Monthly Progress Report was sent on 27.07.2020	Last Monthly Progress Report was sent on 27.07.2020.
4.1	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 in-situ treatment (ii) Status of STPs, I&D and sewerage networks Details of Existing, Infrastructure, Gap Analysis, Proposed along with completion timeline (iii) Status of CETPs Details of Existing CETP and ETP Infrastructure, Gap Analysis, Proposed along with completion timeline, No. of industries and complying status (iv) Status of Solid Waste Management & Details of Processing Facilities Details	31.05.2022 June, 2020 to July, 2022	Damodar river: 11 Drainage outfall channels identified discharging into the river. Barakar river: 7 Drainage outfall channels identified discharging into the river. Total GAP: Damodar river: [Within Durgapur (part), Andal, Raniganj, Burnpur, Asansol, Kulti (part) Area] 210.18 MLD Barakar river: [Within Kulti (part) Area] 33.29 MLD The KMDA has initiated to prepare the DPR and it is under process. All the industries have active ETP and they have complied with the effluent discharge standard and hence there is no GAP. However, identification of new industries are under process. - Existing STP maintained by the following organizations in Durgapur i) DMC (1 MLD), ii) DSP (6 MLD), iii) DPL (5 MLD), iv) ABL (0.5 MLD), v) DVC (1.32 MLD), Total – 13.82 MLD A. For Damodar river within Durgapur (part), Andal, Raniganj, Burnpur, Asansol, Kulti (part) i) Capacity of the proposed STP (2035) = 224 MLD ii) Capacity of Existing STP / ETP = 13.82 MLD iii) GAP Analysis = 210.18 MLD B. For Barakar river within Kulti (part) i) Capacity of the STP (2035) = 33.29 MLD ii) Capacity of Existing STP / ETP = 0 MLD iii) GAP Analysis = 33.29 MLD - A Transaction advisor has been selected for implementation of processing plant on PPP mode and	

Sl. No.	Activity to be mentioned	Timeline	River Damodar	River Barakar
	of Existing Infrastructure, Gap Analysis, Proposed along with completion timeline		its is under the designing stage • An Agency has been selected for preparing of DPR on integrated SWM. • Distribution of Blue Bins & Green Bins has already been started for segregation of Solid Waste at source after conducting necessary awareness program. A Transaction advisor has been selected for implementation of processing plant on PPP mode and its is under the designing stage • An Agency has been selected for preparing of DPR on integrated SWM. • Distribution of Blue Bins & Green Bins has already been started for segregation of Solid Waste at source after conducting necessary awareness program. • Railway, Restaurants, Industries, Commercial places, Markets, Housing producing more than 100 kg per day shall be asked to setup their own processing units by themselves for disposals. • CMOH under the department of health shall be asked to employ suitable empanelled agency of the health Dept. for disposal of Bio-Medical waste & COVID waste. • Written communication was sent on 10th June, 2020. Tender formalities for preparation of DPR on SWM, AMC & DMC are under process and under the active initiation of the SUDA	
	(v) Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river		At Mujher Mana BOD = 3.25 mg/l FecalColiform = 4100 MNP/ 100 ml AT MUJHER MANA VILLAGE AFTER CONF. OF TAMLA NALLAH (July 2020) CPCB Station Code: 1334	BOD = 2.65 mg/l FecalColiform = 3100 MNP/100 ml AT ASANSOL (WATER INTAKE POINT) (July 2020) CPCB Station Code: 1336
	(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.			
	(vii) Ground water regulation		• Water meter without telemetry system is install at industrial tube well. • Monitoring of ground water resources have been done and regulation of ground water extraction by the industries has been maintained as per GEC norms. • There is no exploited and critical blocks present in Paschim Bardhaman.	

Sl. No.	Activity to be mentioned	Timeline	River Damodar	River Barakar
			- For Roof top Rain Water Harvesting for surface storage a pond of size 150'x 50'x6'8" need to be maintained by the industries as a pre-requisite before issuing any permit under WBGR act 2005. - Periodic water assessment is done twice a year.	
	(viii) Adopting good irrigation practices	2019 – 2022 (3 Years) 2025	Micro irrigation with supplementary water management activities. Good agriculture practices, crop diversification, good irrigation practices and soil & water conservation are the major considerations of the proposed scheme undertaken by the Agriculture Dept. A project name West Bengal Major Irrigation & Flood Management has been taken up by I& WD, Govt. Of West Bengal with the Financial Assistants of the World Bank and AIIB to enhance irrigation command to the tune of 3 lack 76 thousand ha. with a view to mitigating food damage in the lower Damodar basin.	
	(ix) Protection and management of Flood Plain Zones (FPZ)	2025	River specific action plan stressed on (1) Flood Pain Zone Management and good irrigation practice.	
	(x) Rain water harvesting		- For Roof top Rain Water Harvesting for surface storage a pond of size 150'x 50'x6'8" needs to be maintained by the industries as a pre-requisite before issuing any permit under WBGR act 2005. - Rain water harvesting and Re-use of artificial recharge to the ground water schemes at Durgapur Institute of Advance technology & Management Campus is taken up by the Planning division SWID, Kolkata.	
	(xi) Maintaining minimum environmental flow of river		The environmental flow is maintained through the release of water from the Panchet Dam.	The environmental flow is maintained through the release of water from the Maithon Dam.
	(xii) Plantation of both sides of the river	Sept. 2020 2020-21 (Horticulture and Plantation of 302.5 ha.)	- Massive advance work include raising of seedlings, planting of trees and its regular maintenance is undertaken by Forest Dept. Since July, 2020. An Amount of 62,16,385/- has been earmarked for this project. - A total of 394011 Plants were planted covering an area of 580 ha. of land and those include both horticulture & social forestry species, and this scheme has been executed by P&RD Dept. Govt. of West Bengal.	
	(xiii) Setting up biodiversity parks on flood plains by removing encroachment		Govt. of West Bengal has been conceived of a plan to set up Bio-Diversity Park at Every Block from the ensuing Financial Year to ameliorate environmental condition.	