

MAHARASHTRA POLLUTION CONTROL BOARD

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No. MPCB/JD (WPC)/B: 978

Date: 20/03/2020.

To,
The Secretary,
Ministry of Jalshakti,
Shram Shakti Bhawan,
Rafi Marg, New Delhi – 110001

Sub: Submission of monthly progress report of compliance of H'ble NGT Order in O.A. No. 673/2018 in the matter of News item published in The Hindu authored by Shri Jacob Koshy titled "More River Stretches are now critically polluted: CPCB".

Ref.: Office Memorandum dtd. 22.01.2020 by National Mission for Clean Ganga, Ministry of Jalshakti.

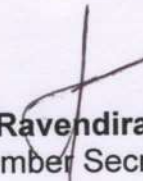
Sir,

Hon'ble National Green Tribunal in Order dtd. 06.12.2019 in O.A. No. 673/2018, directed Chief Secretaries of all states to submit Monthly progress report to Secretary, Ministry of Jal Shakti with a copy to CPCB.

In view of the same first and second report was sent to your office vide letter dtd. 18.01.2020 and 07.02.2020 respectively. We are submitting herewith the third monthly progress report for March-2020, in prescribed format.

Thanking You,

Yours faithfully,


E. Ravendiran, IAS
Member Secretary

Copy submitted in favour of information to:
Hon'ble Chairman, Maharashtra Pollution Control Board, Mumbai.

Copy submitted for information to:
1. Principal Chief Secretary, Environment Department, GoM, Mantralaya, Mumbai.
2. Member Secretary, Central Pollution Control Board, Delhi

Copy for information to:
Joint Director (WPC)/RO HQ, MPCB, Mumbai

Format for Submission of Monthly Progress Report by States-UTs

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

Sl. No.	Activity to be monitored	Timeline	Submission of Progress by State/UT- Compliance Status
1.	100% sewage treatment at least to the extent of in-situ remediation.	31.03.2020	1) The gap in sewage treatment in local bodies along polluted river stretches will be fulfilled by 2023. 2) Nagar Panchayat will meet the target by Dec. 2020 through septage management. 3) Gap will be meet through temporary measures till the completion of STPs and sewerage network. 4) Demonstration project has been started by MPCB for in-situ treatment of wastewater at Kotwali village drain on Vashisthi River to explore the possibilities and viability of the interim measures as resources of the Government are very much limited. 5) In-situ treatment is proposed by major municipal corporation like Pune.
2.	Commencement of setting up STPs and Connecting all the drains and other sources of generation of sewage to the STPs must be ensured.	31.03.2020	The gap in sewage treatment in local bodies along polluted river stretches will be fulfilled by 2023. Refer Annexure-I
3.	Timeline for completing all steps of action plans including completion of setting up STPs and their commissioning	31.03.2021	The gap in sewage treatment in local bodies along polluted river stretches will be fulfilled by 2023. Refer Annexure-I
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.	22.01.2020 22.01.2020	To develop monitoring mechanism for implementation of action plan for restoration of polluted river stretches Environment Department of Maharashtra Government issued G.R. vide No. NGT 2018/PC-2/TC-3 dtd.13.12.2018. regarding constitution of River Rejuvenation Committee (RRC), comprising of following members- 1. Director, Environment Deptt., GoM 2. Director, Urban Development, GoM 3. Director, industries Deptt., GoM 4. Member Secretary, MPCB, Mumbai – Convener RRC functions under supervision of Principal Secretary, Environment Deptt., GoM. Committee shall prepare Action Plan monitor its implementation. Total 7 meeting of RRC has been held till date. Principal Secretary, Environment Deptt monthly appraises the progress to Chief Secretary. Nine meetings were held under the chairmanship of Hon'ble Chief Secretary to review the status of implementation of Action

			Plan for restoration of polluted river stretches at state level. District Special Environment Surveillance Task Force has been constituted in all districts having polluted river stretches. These Task Forces comprise of District Magistrate, Superintendent of Police, Regional Officer of the State Pollution Control Boards in concerned District and one person to be nominated by the District Judge, in his capacity as Head of the District Legal Services Authority. Special Task Force is looking after sand mining in the river basin & other related issues and monitoring the implementation of Action Plan for Polluted river stretches at District Level.
5.	Monitoring of State level must take place.	Fortnightly commencing 21.12.2019	River Rejuvenation Committee monitor the implementation of Action Plan for restoration of polluted river stretches at state level. Chief secretary of the State takes monthly review of the status of implementation of Action Plan for restoration of polluted river stretches. Total nine meetings were held under the chairmanship of Hon'ble Chief Secretary till date. Details are enclosed as Annexure-VI.
6.	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)	Compliance report sent to Secretary; Ministry of Jal Shakti with copy to CPCB vide letter dtd. 18.01.2020.
7.	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 insitu treatment - Status of STPs, I&Ds and sewerage networks. Details of existing Infrastructure, Gap Analysis, Proposed along with completion timelines - Status of CETPs: Details of Existing CETP and ETP infrastructure, Gap Analysis, proposed along with completion timeline, No. of Industries and complying status. - Status of Solid Waste Management & Details of Processing Facilities: Details of Existing Infrastructure, Gap Analysis, proposed		- Drains carrying wastewater in 62 towns / cities along the polluted river stretches have been identified. Rest for all cities/towns is under progress. Refer Annexure-I. 2728.65 MLD sewage is generated along the polluted river stretches and treatment capacity is 1961.40 MLD. There is gap of 1026.26 MLD. Details enclosed in Annexure-I. - Details enclosed in Annexure-II - Details enclosed in Annexure-III - Details enclosed in Annexure-IV - Details enclosed in Annexure-V. - In Maharashtra State Ground Water is regulated under Maharashtra Groundwater (Development and Management) Act, 2009. Groundwater Surveys and Development Agency (GSDA) is a Government of Maharashtra organization, concerned with groundwater surveys, exploration, assessment, monitoring, development, management and regulation of

	along with completion timeline. v. Latest Water Quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; 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 viii. Adopting good irrigation practices. ix. Protection and management of Flood Plain Zone (FPZ) x. Rainwater harvesting, xi. Maintaining minimum environmental flow of river xii. Plantation at both sides of the river xiii. Setting up biodiversity parks on flood plains by removing encroachment		groundwater resources for irrigation, drinking and industrial needs. It also undertakes periodic ground water assessment in order to regulate the ground water use and guide ground water developmental activities on scientific basis. GSDA also works towards ensuring sustainability of ground water resources, on a long-term basis. It acts as a custodian, for the implementation of ground water legislation, within the State of Maharashtra. viii, iv, x., xi, xii., & -xiii- RRC has already requested to Water Resource Dept, GoM for maintaining minimum E-flows and water shed management, plantation on both sides of the river and setting up of biodiversity parks. All concerned local bodies located along the riverbanks are mandated to implement Water shed management, rainwater harvesting, Plantation at both sides of the river and setting up biodiversity parks in their jurisdiction.
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Annexure-I

River WSS Gap Analysis in Sewage Generation & Treatment

River Nalla Gap Analysis in Sewage Generation & Treatment																								
Sl. No.	Name of the River	River Stretch	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2019	City/Towns	Type of Local Body	Major drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Gap in Treatment (MLD)	Capacity of Proposed STP (MLD)	Timeline for completion of STPs for current requirement.	Timeline for completion of STPs for future need.	ULB info information of drainage network	Remarks	Additional Information							
1				I	I	Tyrankeewar	Municipal Council	1) Local Nallas	1.00	1.00	0.00	0.00	Completed	-		No Gap								
2				I	I	Nellik	Municipal Corporation	1) Chikud Nalla 2) Gangapur Nalla 3) Baran patta Nalla 4) Kanneer Nalla 5) Choppo Nalla	200.00	300.00	0.00	320.00	Completed	Mar-21	1550 km sewer network, completed 2100m sewer network work under progress.	Nellik has 100% treatment capacity. All sewage network has connected to STP. Surro is pending the work will be completed by March 2020.	2018 sq km area of Nellik city							
3				I	I	Pethan	Municipal Council	1) Local Nallas	5.00	0.00	5.00	7.50	Mar-22		Adverse all drainage has been laid down only connection to sewer network.	Pethan MC has proposed STP of capacity 7.5 MLD	Budget 46 Cr sanctioned. MC has been asked provide bar chart for completion up to April 2021							
4				I	I	Gangabhad	Municipal Council	1) Local Nallas	1.50	0.00	1.50	5.90	Dec-20			12 STPs proposed with capacity of 4 MLD at Kadda nalla and 1 MLD at Datta Manje Nalla. The work will be completed by Dec. 2020.	Response received dated 19.07.2019. MC already authorized proposal under the River Conservation Scheme. yet approval is pending & doesn't have required funds for STP & drainage network 5.59 Cr							
5	Godavari	Sreenivasa Temple to Rewad	504	I	I	Nanded Waghla	Municipal Corporation	North side Nalla - 1) Churna Nalla 2) Bhingur Nalla East 3) Shree Mand Nalla 4) Govardhan Ghut Nalla East 5) Govardhan Ghut Nalla West 6) Bagri Nalla -1 7) Bagri Nalla -2 8) Gadga Nalla Hangan West 9) Gadga Nalla Hangan East 10) Gadga Nalla Hangan 11) Sonli Ghut Nalla 12) Kela Center Nalla 13) Kela East Nalla 14) Bundga Nalla 15) Nandga Nalla 16) Kachga Nalla 17) Kachga Nalla 18) Bund Nalla 19) Kachga Nalla 20) Bhingur Nalla West 21) Laxmi Nagar Madga Nalla -1 22) Laxmi Nagar Madga Nalla -2 23) Laxmi Nagar Madga Nalla -3 South side Nalla - 1) Nandga Nalla -1 2) Nandga Nalla -2 3) Nandga Nalla -3 4) Nandga Nalla -4 5) Nandga Nalla -5 6) Nandga Nalla -6 7) Nandga Nalla -7 8) Nandga Nalla -8 9) Nandga Nalla -9 10) Nandga Nalla -10 11) Nandga Nalla -11 12) Nandga Nalla -12 13) Nandga Nalla -13 14) Nandga Nalla -14 15) Nandga Nalla -15 16) Nandga Nalla -16 17) Nandga Nalla -17 18) Nandga Nalla -18 19) Nandga Nalla -19 20) Nandga Nalla -20 21) Nandga Nalla -21 22) Nandga Nalla -22 23) Nandga Nalla -23 24) Nandga Nalla -24 25) Nandga Nalla -25 26) Nandga Nalla -26 27) Nandga Nalla -27 28) Nandga Nalla -28 29) Nandga Nalla -29 30) Nandga Nalla -30 31) Nandga Nalla -31 32) Nandga Nalla -32 33) Nandga Nalla -33 34) Nandga Nalla -34 35) Nandga Nalla -35 36) Nandga Nalla -36 37) Nandga Nalla -37 38) Nandga Nalla -38 39) Nandga Nalla -39 40) Nandga Nalla -40 41) Nandga Nalla -41 42) Nandga Nalla -42 43) Nandga Nalla -43 44) Nandga Nalla -44 45) Nandga Nalla -45 46) Nandga Nalla -46 47) Nandga Nalla -47 48) Nandga Nalla -48 49) Nandga Nalla -49 50) Nandga Nalla -50 51) Nandga Nalla -51 52) Nandga Nalla -52 53) Nandga Nalla -53 54) Nandga Nalla -54 55) Nandga Nalla -55 56) Nandga Nalla -56 57) Nandga Nalla -57 58) Nandga Nalla -58 59) Nandga Nalla -59 60) Nandga Nalla -60 61) Nandga Nalla -61 62) Nandga Nalla -62 63) Nandga Nalla -63 64) Nandga Nalla -64 65) Nandga Nalla -65 66) Nandga Nalla -66 67) Nandga Nalla -67 68) Nandga Nalla -68 69) Nandga Nalla -69 70) Nandga Nalla -70 71) Nandga Nalla -71 72) Nandga Nalla -72 73) Nandga Nalla -73 74) Nandga Nalla -74 75) Nandga Nalla -75 76) Nandga Nalla -76 77) Nandga Nalla -77 78) Nandga Nalla -78 79) Nandga Nalla -79 80) Nandga Nalla -80 81) Nandga Nalla -81 82) Nandga Nalla -82 83) Nandga Nalla -83 84) Nandga Nalla -84 85) Nandga Nalla -85 86) Nandga Nalla -86 87) Nandga Nalla -87 88) Nandga Nalla -88 89) Nandga Nalla -89 90) Nandga Nalla -90 91) Nandga Nalla -91 92) Nandga Nalla -92 93) Nandga Nalla -93 94) Nandga Nalla -94 95) Nandga Nalla -95 96) Nandga Nalla -96 97) Nandga Nalla -97 98) Nandga Nalla -98 99) Nandga Nalla -99 100) Nandga Nalla -100	70.00	132.00	0.00	1000	Completed	Dec-21	DPF for renovation of existing Nalla, construction of newly developed Nallas as well as pollution free treatment effluent water in 4 km of river basin development plan of Nanded City. The work is in progress. In progress.	10 MLD proposed for future effluent water in 4 km of river basin development plan of Nanded City. The work is in progress. In progress.							1) nanded nagla municipal corporation, Nanded already authorized proposal under the River Conservation Scheme. 2) Budget of 17.59 Cr. sanctioned by Govt of Maharashtra. 3) 11.09.2019 for construction of STP (10MLD) at Chuna nalla in Nanded City. 805 state river conservation Programs and 20% by WMMC. for which work order for the same has been issued on 13.12.2019 and 317% of existing Nalla contribution of newly developed Nallas as well as pollution free treatment effluent water in 4 km of river basin development plan of Nanded City. The work is in progress. In progress.	Note: out of major drains 34 nallas only 5 Nallas overflows and pollute the river.
6	Kau	Along Aala bridge	2.5	I	V	Kajhar-Dombell	Municipal Corporation	1) Nandga Nalla 2) Nandga Nalla 3) Nandga Nalla 4) Nandga Nalla 5) Nandga Nalla 6) Nandga Nalla 7) Nandga Nalla 8) Nandga Nalla 9) Nandga Nalla 10) Nandga Nalla 11) Nandga Nalla 12) Nandga Nalla 13) Nandga Nalla 14) Nandga Nalla 15) Nandga Nalla 16) Nandga Nalla 17) Nandga Nalla 18) Nandga Nalla 19) Nandga Nalla 20) Nandga Nalla 21) Nandga Nalla 22) Nandga Nalla 23) Nandga Nalla 24) Nandga Nalla 25) Nandga Nalla 26) Nandga Nalla 27) Nandga Nalla 28) Nandga Nalla 29) Nandga Nalla 30) Nandga Nalla 31) Nandga Nalla 32) Nandga Nalla 33) Nandga Nalla 34) Nandga Nalla 35) Nandga Nalla 36) Nandga Nalla 37) Nandga Nalla 38) Nandga Nalla 39) Nandga Nalla 40) Nandga Nalla 41) Nandga Nalla 42) Nandga Nalla 43) Nandga Nalla 44) Nandga Nalla 45) Nandga Nalla 46) Nandga Nalla 47) Nandga Nalla 48) Nandga Nalla 49) Nandga Nalla 50) Nandga Nalla 51) Nandga Nalla 52) Nandga Nalla 53) Nandga Nalla 54) Nandga Nalla 55) Nandga Nalla 56) Nandga Nalla 57) Nandga Nalla 58) Nandga Nalla 59) Nandga Nalla 60) Nandga Nalla 61) Nandga Nalla 62) Nandga Nalla 63) Nandga Nalla 64) Nandga Nalla 65) Nandga Nalla 66) Nandga Nalla 67) Nandga Nalla 68) Nandga Nalla 69) Nandga Nalla 70) Nandga Nalla 71) Nandga Nalla 72) Nandga Nalla 73) Nandga Nalla 74) Nandga Nalla 75) Nandga Nalla 76) Nandga Nalla 77) Nandga Nalla 78) Nandga Nalla 79) Nandga Nalla 80) Nandga Nalla 81) Nandga Nalla 82) Nandga Nalla 83) Nandga Nalla 84) Nandga Nalla 85) Nandga Nalla 86) Nandga Nalla 87) Nandga Nalla 88) Nandga Nalla 89) Nandga Nalla 90) Nandga Nalla 91) Nandga Nalla 92) Nandga Nalla 93) Nandga Nalla 94) Nandga Nalla 95) Nandga Nalla 96) Nandga Nalla 97) Nandga Nalla 98) Nandga Nalla 99) Nandga Nalla 100) Nandga Nalla	7.50	0.00	7.50	21.00	Dec-22		DPF preparation under preparation. MC has proposed STP of capacity 21 MLD at Aala.									
7	Kundalika	Gate to River	35.5	I	III	Roha	Municipal Council	1) Local nallas	2.80	0.00	2.80	5.80	Mar-22		No data provided	Roha MC has sanctioned the condition of pollution of local tank & work plan while granting the building permission. River water is discharged in to water water zone of Kundalika. Damage network 60% completed. MC has proposed STP of capacity 5.8 MLD and 4 MLD capacity of STP proposed.								

River area Gap Analysis in Sewage Generation & Treatment

River wise Gap Analysis in Sewage Generation & Treatment																		
Sr. No.	Name of the River	River Stretch	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2016	Cities/Towns	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Gap in Treatment (MLD)	Capacity of Proposed STP (MLD)	Timeline for completion of STPs for current requirement	Timeline for completion of STPs for future need	ULB wise information of drainage network	Remarks	Additional Information	
8	Mtn	Fowl to Churni	17.5	I	I	Mumbai	Municipal Corporation	1) Local Nalla 2) Khandli Nalla at Yedape river 3) Regira Nalla 4) Chaudh Nalla 5) Nirmal Nalla 6) Luvay Eas stand Nalla 7) Ardiot Nalla 8) Kholthar Nalla 9) Ganesh Ghat Nalla 10) Shalini Talode Nalla 11) Sawdram Nalla 12) Hiran Shant babu Nalla 13) Jyoti Nalla 14) Chaudh Nalla 15) Nigaoon Nalla at Indraprastha market trust 16) River Junction Nigaoon Nalla 17. Shrawanjpur Nigaoon Nalla 18. Nigait Nigaoon Nalla 19. Boudha nagar at Idgaon Nalla 20. Nigait Nigaoon Nalla 21. Nigait Nigaoon Nalla 22. Nigait Nigaoon Nalla 23. Nigait Nigaoon Nalla 24. Nigait Nigaoon Nalla 25. Nigait Nigaoon Nalla 26. Nigait Nigaoon Nalla 27. Nigait Nigaoon Nalla 28. Nigait Nigaoon Nalla 29. Nigait Nigaoon Nalla 30. Nigait Nigaoon Nalla 31. Nigait Nigaoon Nalla	286.00	0.00	286.00	8.00	Nov-20		Construction of STP of 8 MLD capacity and WSP compound. 144x14x27 MLD will be diverted to existing STPs at Goregaon and Chhatrapati by Nov 2020.	Out of Total 286 MLD of 1 weather flow, the work of construction of STP of 8 MLD capacity from Goregaon WSP Compound in progress. Dry Weather Flow is 57 MLD from WSP Compound to CST Bridge and 37 MLD from CST Bridge to 144x14x27 MLD will be diverted to existing STPs at Goregaon and Chhatrapati by Nov 2020.		
9	Mona	Akda to Talsajam	8	I	V	Ahale	Municipal Corporation		27.80	0.00	27.80	37.00	Jun-20			Total 18 numbers of nalla are identified on right bank, 15 on left bank and 2 nalla are identified on left bank. All nalla will be diverted to STPs and will be diverted to STPs in 10 years.	03 STPs of Capacity 37 MLD are proposed. At present sewage treatment capacity is 35 MLD. 45 MLD is projected value for next ten years.	Response received from SRP on 14.01.2020, stating that 85 % of 30 MLD STP and 85 % of 5 MLD STP has been completed. 5000 STP will be commissioned up to Jun 2020
10	Mula	Bopod to Aundh Gaon	2.7	I	III	Pune	Municipal Corporation	1) Boudh Garden Nalla in Pune City	97.00	73.00	24.00	50.00	2023			03 STPs with capacity 25, 15 & 10 MLD proposed and will be completed by 2023. Sewage generation from Pune city is 74.4 MLD, existing 2 STPs having capacity 50 MLD. MC has proposed 11 STPs with capacity 300 MLD & Pune City Municipal Board has proposed one STP of capacity 20 MLD.		
11	Mutha	Shivaji Nagar to Khadakwale Dam	16	I	I	Pune	Municipal Corporation	1) Wale Nalla 2) Chaudh Nalla 3) Hingra Nalla 4) Chaudh Nalla 5) Nigait Nalla 6) Nigait Nalla	151.00	94.00	57.00	67.00	2023			23 STPs with capacity 126, 28 & 23 are proposed & will be completed by 2023. Sewage generation from Pune city is 144 MLD, existing 2 STPs having capacity 67 MLD. MC has proposed 11 STPs with capacity 300 MLD & Pune City Municipal Board has proposed one STP of capacity 20 MLD.		

River Water Gap Analysis in Sewage Generation & Treatment

River Wise Gap Analysis in Sewage Generation & Treatment																		
S. No.	Name of the River	River stretch	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2018	Chhatravans	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Gap in Treatment (MLD)	Capacity of Proposed STP (MLD)	Timeline for completion of STPs for current requirement.	Timeline for completion of STPs for future need.	ULB wise information of drainage network	Remarks	Additional Information	
12	Maha-Mutha	Thant to Marathwada Bridge	15	II	II	Pune	Municipal Corporation	1) Keshavnagar Nala 2) Nala at Bhupkar Nala 3) Rangpur Nala at Bhupkar Nala	480.00	400.00	90.00	258.00	2023			05 STPs with capacity of 127.75, 30, 20, & 7 MLD have been proposed & will be completed by 2023. Mahabubnagar is formed after confluence of the Nala and Marathwada river. Mahabubnagar pollution abatement (also) shall be completed by 2023. Gap in the treatment capacity is 207 MLD.		
13	Bhima	Withdard to Thant	200	II	II	Pune	Municipal Corporation	1) Keshavnagar Nala 2) Nala at Bhupkar Nala 3) Rangpur Nala at Bhupkar Nala	0.00	0.00	0.00	0.00	Timeline not provided	319 MLD will be completed by 2023		Gap in the treatment capacity is 177 MLD.		
14	Bhima	Withdard to Thant	200	IV	II	Pandharpur	Municipal Council	1) Gopipur Nala-Pandharpur	0.00	0.00	0.00	0.00	Completed	Dec-21		Narwana Chhatravans on the line of Narwana dam removed by Govt. of Maharashtra		
15	Nira	Sangavli to Sangavli	43	I	III	AMU	Gram Panchayat	1) local nala	1.30	0.00	0.00	0.00	Timeline not provided			Gap in the treatment capacity is 6.3 MLD. 8 MLD STPs is proposed in Pandharpur. WPC Board will provide financial & technical assistance to AMU in next three years.		
16	Nira	Sangavli to Sangavli	43	I	III	Pandharpur	Municipal Council	1) Keshavnagar Nala 2) Nala at Bhupkar Nala 3) Rangpur Nala at Bhupkar Nala	7.00	0.00	0.00	0.00	Timeline not provided			Underground drainage network has work in progress. Total 76 km sewerage line is under development out of that 23 km of sewerage line is completed.	8 MLD STPs (2.5 + 5.5) part from Mahabubnagar's sewerage project is under construction. The sewer line of 77 km of sewerage line is completed.	
17	Nira	Niravli to Sangavli	10	I	IV	Ghikapur	Gram Panchayat	1) local nala	2.00	0.00	0.00	0.00	Timeline not provided			Bhikapur is Gram panchayat & there is no proposal of STP. MPC Board will provide financial & technical assistance to small towns to treat STPs		
18	Pandharpur	Dagad to Dagad	20	II	I	Pandharpur	Municipal Corporation	1) Keshavnagar Nala 2) Nala at Bhupkar Nala 3) Rangpur Nala at Bhupkar Nala 4) Chhatravans Nala near SBR 30 MLD STP 5) Ganga Colony Nala Near Marathwada (Chhatravans Station Nala Near by Embury Station) 6) Nala Near Sandak	205.36	200.00	0.00	15.00	Timeline not provided	Proposed STP - 15 MLD at Chhatravans Bhikapur		Intercepted Sewer along the PCMC side has been in progress. Augmentation of STPs work under progress at Pandharpur Chhatravans		
19	Pandharpur	Dagad to Dagad	20	II	IV	Pandharpur	Municipal Corporation	1) Keshavnagar Nala 2) Nala at Bhupkar Nala 3) Rangpur Nala at Bhupkar Nala 4) Chhatravans Nala near SBR 30 MLD STP 5) Ganga Colony Nala Near Marathwada (Chhatravans Station Nala Near by Embury Station) 6) Nala Near Sandak	88.20	73.00	15.20	12.00	Timeline not provided		STP of 12 MLD capacity work under progress at Chhatravans			
20	Pandharpur	Dagad to Dagad	20	II	IV	Pandharpur	Municipal Council	1) local nala	2.50	0.00	0.00	0.00	Mar-22		Atand Municipal Council considered 100% work of underground sewerage network. The C&I of 18km sewerage line 17 km has been completed.	DPR prepared for STP at Atand. DPR is prepared for Atand Municipal Council. Proposed STP - 10 intercepter sewer along the PCMC side has been in progress. Commencement of laying the STP by March 2020.	100% sewerage treatment by 31st March 2020 at least to extent of the remediation	Project cost of 50 Cr including the drainage network cost.

River wise Gap Analysis in Sewage Generation & Treatment

Sl. No.	Name of the River	River Stretch	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2019	City/Town	Type of Local Body	Major Drain	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Gap in Treatment (MLD)	Capacity of Proposed STP (MLD)	Timeline for completion of STPs for current requirement.	Timeline for completion of STPs for future need.	ULB wise information of drainage network	Remarks	Additional Information
22	Winganga	Tumkur to Aahli	96	II	II	Gaddihal	Municipal Council	1) Local Nalla	5.00	0.00	5.00	11.50	Timeline not provided	-	33 kms of drainage line work completed out of 100 kms.	Received technical sanction from M.P.	Project cost of Rs 5 Cr including the drainage network cost.
23				II	II	Bemthapur	Municipal Council	1) Local Nalla	3.50	0.00	3.50	7.00	Timeline not provided	-	-	Physical treatment presently provided. STP is under preparation for proposed STP.	Project cost of 60-70 Cr including the drainage network cost.
24				II	III	Bhanoara	Municipal Council	1) Bhanoara town drain coming from Shri. N. S. Wadgaonkar Ward, Town Bhanoara, Old Bhanoara.	4.50	5.00	5.50	15.00	Timeline not provided	-	-	DPR has been submitted to M.P. for technical approval.	-
25	Wardha	Ghugga to Rajura	42	II	IV	Chandrapur	Municipal Corporation	1) Puri town drain	1.00	0.00	1.00	7.00	Timeline not provided	-	-	DPR has been submitted to M.P. for technical approval.	-
26				II	IV	Chandrapur	Municipal Corporation	1) Confluence of Enel & Wardha River near Haddal Village	35.00	70.50	0.50	0.00	Timeline not provided	-	-	Chandrapur has Sewage Treatment capacity of 10.5 MLD. Inadequate drainage network. Balerpur & Rajura have no STPs. Currently by CCMC due to road works from forest dept. Annual app. and assistance in Rajura in next three years.	Presently 80% sewage generated is treated in STP and balance 20% strength the 80% treated sewage is discharged in Enel River, which later meets Wardha river.
27				II	IV	Balerpur	Municipal Council	1) Discharge of B.L.T. Nalla in Balerpur, Behind Balerpur Openair Mine. 2) Local Nalla near crematorium meeting to Wardha River at Balerpur	5.00	0.00	5.00	15.30	Timeline not provided	-	-	25 STPs of 7.5 and 8.5 MLD. Technical approval obtained from M.P. and administrative approval obtained from Municipal Administration Directorate. Contractors have been selected.	Total project cost of STP plus drainage system is 37 Cr.
28	Godavari	Anapur to Silvur	10	II	IV	Rajura	Municipal Council	1) Kharangon Nalla meeting to Wardha River at Rajura	3.20	0.00	3.20	5.5	Timeline not provided	NA	-	DPR preparation under progress. Current 22 MLD sewage generated is discharged directly into the river.	Total project cost of STP plus drainage system is 38 Cr.
29				II	IV	Shikur	Municipal Council	1) Nalla near Kharangon Village 2) Nalla near Haddal Temple at Haddal 3) Nalla near Chandrajyoti Nalla 4) Near Town Nalla 5) Shikur Gramin Nalla	6.00	5.00	0.00	0.00	Timeline not provided	-	-	There is discharge from village in Rajura, Kharangon & Haddal. MPC Board will provide financial and technical assistance to village in next three years.	-
30				II	II	Kamplse	Municipal Council	1) J.N. Road Nalla 2) Ashok Nagar Nalla 3) Kharangon Nalla 4) Begdar Nalla 5) Other 2 local nalla	10.80	0.00	10.80	12.50	Timeline not provided	-	-	submitted proposal for provision of sewage Treatment plant of capacity 12.50 MLD to M.P. for technical approval.	-
31	Karnan	Bhanoara to Nagar	100	II	II	Karnan	Municipal Council	1) Local Nalla	8.00	0.00	8.00	8.00	Timeline not provided	-	-	submitted proposal for provision of sewage Treatment plant of capacity 8.0 MLD estimating Rs 42 Cr. Govt. of Maharashtra for further approval. Funding by Urban Development.	-
32				III	I	Mouda	Municipal Council	1) Local Nalla	1.50	0.00	1.50	1.00	Timeline not provided	-	-	2 nos. of STP of capacity 0.5 MLD each is proposed at 2 locations. Each will be expected to be completed by Dec 2020.	Response received from MPC Board on 31.03.2021, mentioning STP will be completed by 31.03.2021.
33				III	V	Chandrapur	Gram Panchayat	1) Chandrapur village sub drain	0.25	0.00	0.25	0.20	Timeline not provided	-	-	MPC Board will provide financial & technical assistance to village in next three years to comply with	-
34	Kolar	Along Kolar	3.4	III	V	Chikoli	Gram Panchayat	1) Chikoli Village Major Drain	0.25	0.00	0.25	0	Timeline not provided	-	-	-	-

River wise Gap Analysis in Sewage Generation & Treatment

River wise Gap Analysis in Sewage Generation & Treatment																		
Sl. No.	Name of the River	River Stretch	Length in Km	Priority CPCB Jan Report 2018	Priority CPCB Jan to Dec 2019	Class/Towns	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Gap in Treatment (MLD)	Capacity of Proposed STP (MLD)	Timeline for completion of STPs for current requirement.	Timeline for completion of STPs for future need.	ULB wise Information of drainage network	Remarks	Additional Information	
35				II	V	Mahabula	Nagar Panchayat	1) Open cutting from old pond No. 3 Korad TPS.	1.40	0.00	1.40	0.00	Timeline not provided				03 STPs having capacity of 687 MLD (27.82 & 23.51) are in operation with actual utilization of 52.2 MLD. 23.5 MLD STP at Hanuman Nagar is operating at 16 MLD. One STP of capacity 22.5 MLD STP is proposed at Baidy Road. 72% work completed. 164.8 MLD STP is proposed at Baidy Road. 116.5 MLD work completed. 116.5 MLD work completed by April 2020.	
36				III	IV	Sandil Nagar, Sandil	Municipal Corporation	1) Sandil Nagar, Sandil 2) Sandil Nagar, Sandil 3) Sandil Nagar, Sandil 4) Sandil Nagar, Sandil 5) Other Major drain	68.00	58.70	9.30	22.50	Mar-20	Completed			30% sewer network completed, land acquisition under progress for STP, 23.54 Cr grant from govt and 21.0 Cr grant received. 71MLD+45MLD STP by March 2021. No water is being discharged to river every drop of treated sewage is utilized for agricultural use.	30% work of underground drainage network completed. Budget of Rs. 65.42 has been sanctioned by government.
37	Krishna	Shilad to Kurnool	105	III	IV	Sampur	Municipal Council	1 km distance from city 1) Sampur Municipal Council Nalla.	5.00	0.00	5.00	12.00	Mar-21	NA	Pumping station, land acquisition under progress.			
38				III	IV	Ashta	Municipal Council	1) Local Nallas	2.50	3.00	2.50	5.50	Timeline not provided		Connected at drains to RCC constructed Canals. The canals were black because of termite had deviated that water and the canals is very narrow.			
39				II	IV	Wet	Municipal Council	1) Gangapalle nalla 2) Sandil Nagar Nalla 3) Other small nalla	4.00	0.00	4.00	6.00	Timeline not provided		underground sewage network construction is in progress. Tunnels are not started yet.		DPR forwarded to M&P Pure for technical sanctioning. Rs. 42.7 Cr is sanctioned. Work is in progress	Land acquisition for STP with process. Technical sanction of STP is underground networking is in progress. Presently no land sanctioned work will be commenced under Mahabubnagar Government.
40				II	IV	Marid	Gram Panchayat	1) Local Nallas				0.00	Not Proposed					
41	Mar	Jagannad to Andra	20	II	IV	Nawal	Gram Panchayat	1) Local Nallas	0.45	0.00	0.45	0.00	Not Proposed			MPC Board will provide financial aid for this project. The project will be completed in 2023.		
42				II	IV	Pudlak	Gram Panchayat	1) Local Nallas				0.00	Not Proposed					
43				II	III	Khopal	Municipal Council	1) Bazarpalle Nalla	11.00	0.00	11.00	0.00	Mar-22	-		DPR preparation is under progress for STP at Khopad. Rs. 98 Cr grant is sanctioned.		
44	Pratigarga	Khatapada to Kopal	20	III	II	Khatapur	Nagar Panchayat	1) Local Nalla 2) Bazarpalle Nalla	1.50	0.00	1.50	3.00	Timeline not provided	-		DPR preparation is under progress for STP.	Response dated 23.07.2019 received stating that proposal for STP has been approved by the Government. The project will be completed in 2023.	

Response dtl. 23.07.2019 received stating that proposal for STP has been approved in General meeting & after technical approval shall be submitted to State Govt. for sanctioning of STP. The Govt. for sanctioning of STP should be submitted to 31.03.2023.

River Wise Gap Analysis in Sewage Generation & Treatment

Sr. No.	Name of the River	River Branches	Length in Km	Priority CPCB Report 2018	Priority CRCA Jan to Dec 2019	Chillar/Towns	Type of Local Body	Major Drainage	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Gap in Treatment (MLD)	Capacity of Proposed STP (MLD)	Timeline for completion of STPs for current requirement	Timeline for completion of STPs for future need	U.S. wise Information of drainage network	Remarks	Additional Information
45	Pach	Nayapour to Bhutaul	3.2	III	IV	Anarwal	Municipal Corporation	1) Drain from Village Nayapour 2) Drain from Village Bhutaul 3) Drain from Village Anarwal City 4) Drain from Village Anarwal 5) Drain from Village Anarwal 6) Drain from Village Anarwal 7) Drain from Village Anarwal 8) Drain from Village Anarwal 9) Drain from Village Anarwal 10) Drain from Village Anarwal 11) Drain from Village Anarwal	71.05	55.00	15.00	18.00	Not Proposed		Blanco on Gode Nagar Nalla and Narsal Nalla and sewage treatment 71.05 MLD	DPR preparation under progress for 02 STPs (15 + 10 MLD) at Anarwal. 34 MLD for future expansion.	land acquisition for STP is in process.
46	Purna	Asangon to Dhupshwar	23.2	II	V	Anarwal	Municipal Corporation	1. Drain from Village Asangon Purna 2. Drain from Village Purna Nager 3. Drain from Village Asangon Purna 4. Drain from Village Asangon Purna 5. Drain from Village Asangon Purna 6. Drain from Village Asangon Purna 7. Drain from Village Asangon Purna 8. Drain from Village Asangon Purna 9. Drain from Village Asangon Purna 10. Drain from Village Asangon Purna 11. Drain from Village Asangon Purna	3.77	0.00	3.77	0.00	Mar-23			MC appointed PMC to prepare DPR for under ground drainage and STPs.	Project cost of 33 Cr include the drainage network cost.
47	Penganga	Mehiz to Unakhet	7.65	III	IV	Mehiz	Municipal Council	1) Mehiz to unakhet Landhi nalla	4.10	0.00	4.10	9.60	Timeline not provided			DPR under preparation is under progress.	
48	Tapi	River to Shubda	58	II	IV	Bhusawal	Municipal Council	1) Mehiz to unakhet Landhi nalla	11.00	0.00	11.00	12.50	Timeline not provided			Gap in the treatment capacity is 11 MLD. At present no treatment facility at Bhusawal, proposal for closed drain system and STP is submitted to Government for approval.	CLM technology of STP is SRP - level of treatment, aeration and disinfection.
49	Unodi	Dhangawad to Nagthane	18	III	II	Vala	Gram Panchayat	1) Vales nalla	0.40	0.00	0.40	0.00	Timeline not provided			MC Board will provide financial & technical assistance to village in next three years to comply with waste management.	
50	Verna	Mahabaleswar to Mahul	47	III	IV	Salara	Municipal Council	1) Nagthane nalla	12.80	0.00	12.80	17.50	Mar-22			DPR prepared March 2022 Budget sanction 50cr.	
51	Waghur	Singason to Singason	98	III	V	Pethur, Dnt. Jalgan	Gram Panchayat	1) Ramnath Nalla, Kharaj	0.45	0.00	0.45	0.00	Timeline not provided			MPC Bhadral will provide financial & technical assistance to village in next three years to comply with waste management.	
52	Wera	Kerwadga to Hingarghat	1	II	IV	Hingarghat	Municipal Council	1) Local Nalla	0.25	0.00	0.25	13.80	Mar-20			No Treatment Facility. 02 STPs are proposed with capacity of 13.5 (10+3 MLD)	1) Work shall be completed by March-2021, 2) Budgetary provision 10 MLD-7.17 Cr & 3) S.S. M.D-4.0 Cr. 2. Response received from SRO Nagpur-2 S.D. 12.12.2019 stating that work of STP is under progress. Work completed & completed by Nov-2020

River wise Gap Analysis in Sewage Generation & Treatment

River wise Gap Analysis in Sewage Generation & Treatment																		
Sr. No.	Name of the River	River Sections	Length in Km	Priority CPCB Report 2018	Priority CP-28 Jan to Dec 2018	Chief Towns	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Gap in Treatment (MLD)	Capacity of Proposed STP (MLD)	Timeline for completion of STPs for current requirement.	Timeline for completion of STPs for future need.	ULB wise information of drainage network	Remarks	Additional Information	
58	Bhadwar	Swamlingar to Sheshlingar	0.7	IV	V	Badli	Municipal Council	1) Suburban Road nalla at Badli Creek, Sheshlingar, Badli.	22.00	0.00	22.00	35.00	Apr-21			No Treatment Facility. 01 STP is provided with capacity of 35 MLD	Budget 165 Cr Sanctioned 50%-GOI, 25%-GOAL & 25%-M.C. Wd already released, work under progress. Shall be completed by Apr 2021	
59	Boti	Along Anandpur	20	IV	V	Anandpur	Municipal Council	1) Local nalla coming from Anandpur city	10.40	0.00	10.00	42.99	Dec-20			Sanction work order for 12.8 MLD Capacity STP. 30% sewerage network is completed by Dec 2020.		
60	Chandabaga	Pandharpur to Sheshlingar to Chitral	3.5	IV	III	Pandharpur	Municipal Council	1) Gopabur Nalla coming from Pandharpur.	18.50	18.50	0.00	5.00	Completed	Dec-21		Drainage network of 88% completed. Total length in current phase 50km	DRP proposal for 5 MLD to be work under progress. Nannam Chandabaga on the line of Nannam Ganga announced by Govt. of Maharashtra	
61				IV	V	Chitral Village	Gram Panchayat	1) Chitral Village Nalla	0.37	0.00	0.37	0.00	Timeline not provided	NA		Nannam Municipal Corporation has provided 02 STPs at Chitral of Capacity 20 & 22 MLD & treated effluent is disposed in Darna River. MPC Board will provide financial & technical assistance to small towns in next three years to comply with waste management.		
62	Darna	Input to Sarnar	35	IV	V	Bhingar	Municipal Council	1) Bhingar Village Nalla.	0.74	0.00	0.74	0.00	Timeline not provided	NA		STP Work has been started at site of work at Gid No.41,200 Jagron Shivar having capacity of 48.00 MLD		
63				IV	V	Sarnar Village	Gram Panchayat	1) Sarnar Nalla.	0.42	0.00	0.42	0.00	Timeline not provided	NA				
64	Gerna	Mahagon to Jagron	1.10	IV	V	Jagron	Municipal Corporation	1) Local nalla coming from the Jagron city	48.00	0.00	48.00	48.00	Aug-21	NA		MPC Board will provide financial & technical assistance to small towns in next three years to comply with waste management.		
65				IV	V	Bhargan	Municipal Council	1) Kaha nalla coming from the Bhargan City	2.00	0.00	2.00	0.00	Timeline not provided	NA		Chit not is completed and will commission around March 2020. One STP with capacity of 9 MLD is proposed		
66	Hawara	Pachora to Pachora	57	IV	V	Pachora	Municipal Council	1) Local nalla coming from Pachora city.	3.00	0.00	3.00	9.00	Mar-20			Chit not is completed and will commission around March 2020. One STP with capacity of 9 MLD is proposed		
67	Korgana	Korgana to Pachora	29.6	IV	IV	Mahapur	Municipal Council	1) Local nalla	5.14	8.00	0.00	0.00	Completed			Total Network 55 km and construction work of Network 51 km done. Network will be completed by June 2020.	Mahapur STP completed and rest of nalla will done to STP by March 2020.	
68				IV	IV	Karnad	Municipal Council	1) Local nalla	8.59	8.59	0.00	0.00	Completed	NA		No pwp in Treatment capacity		
69	Pachur	Pachur Dam to Gopal Nalla	9	IV	V	Vatal Vihar	Municipal Corporation	1) Bopara Nalla, 2) Pachur Nalla, 3) Vatal Nalla.	105.00	30.00	75.00	175.00	Mar-22			Length of sewerage network - 46km	07 STPs with capacity 175 MLD have been proposed. 09 MLD STP was granted and sanctioned.	
70	Shia	Bolapur to Bhatlingar	6	IV	IV	Solapur	Municipal Corporation	1) Jagron Nalla.	90.00	92.00	0.00	12.50	Completed	Mar-21		Length of sewerage network - 46km STP sanction from Govt. MNP for 60 MLD STP and Gap will address 15MLD.	2 STPs provided with treatment capacity of 75 MLD and 11 MLD respectively. 12.5 MLD proposed for future requirement under process	Proposal submitted to Government for 02 STPs of Capacity 8 MLD (Sep 2021) and 19 MLD. Land Acquisition is under process
71	Tar	Along dam of Jagron Dam, Chitral, Chitral, Chitral, Chitral	35	IV	V	Chitral	Municipal Council	1) Local nalla	13.63	0.00	13.63	25.80	Sep-21					

River side Gap Analysis in Sewage Generation & Treatment

Sl. No.	Name of the River	River Branch	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2019	Class/Towns	Type of Local Body	Major Drains	Sewage Generation Capacity (MLD)	Sewage Treatment Capacity (MLD)	Gap in Treatment (MLD)	Capacity of Proposed STP (MLD)	Timeline for completion of STPs for current requirement.	Timeline for completion of STPs for future need.	U.S. wise information of drainage network	Remarks	Additional
95	Vaidhayan	KURGA IS Chivante	3	V	V	Gawa Village	Gram Panchayat	1) Local nallas	0.19	0.00	0.19	0.00	Timeline not provided	NA		resistance to delays in need three years to comply with waste management	
96				V	V	Khadgaol	Gram Panchayat	1) Local nallas				0.00	Timeline not provided	NA			
									2728.65	1961.40	1026.25	1317.16					

Annexure-II
DETAILS OF EXISTING CETP

Sr. No.	CETP	Designed Capacity Value (MLD)	Present Disposal
1	Additional Ambemath CETP, Dist. Thane	7.5	Local nalla leads to Waldhuni river which further leads to Ulhas creek
2	Butibori CETP Pvt. Ltd., Dist. Nagpur	5	HRTS
3	SMS Waluj CETP Pvt Ltd, Dist. Aurangabad	10	Kham River and Irrigation
4	Greenfield CET Plant P. Ltd, Dist. Solapur	1.5	HRTS
5	Ichalkaranji Textile Development Cluster Ltd. (1 MLD), Dist. Kolhapur	1	On land for irrigation
6	Ichalkaranji Textile Development Cluster Ltd. (12 MLD), Dist. Kolhapur	12	On land for irrigation
7	Kagal-Hatkanangale C.E.T.P., Dist. Kolhapur	10	HRTS
8	L.K. Akiwate Industrial Co Op, Estate Ltd, Dist. Kolhapur	0.8	On land for irrigation
9	Hydro Air Tectonics (PCD), Dist. Pune	4	HRTS
10	Kurkumbh Environment Protection Co op Society, Dist. Pune	1	On land for irrigation
11	Ranjangaon CETP, Dist. Pune	3	HRTS
12	Lote Parshuram Environment Protection Co-op Societ, Dist. Ratnagiri	10	Karambavane Creek
13	MMA-CETP Co Operative Society Ltd., Dist. Raigad	7.5	Saline zone of Savitri River
14	RIA CETP Co-op. Society Ltd., Dist. Raigad	10	At Are Khurd into saline zone of Kundalika river.
15	PRIA CETP (I) Ltd., Dist. Raigad	15	Saline water zone of Patalganga river at Near Apta
16	Taloja CETP Co Operative Society, Dist. Thane	22.5	Waghivali Creek
17	Thane-Belapur Association, Dist. Thane	27	Vashi Creek
18	Badlapur CETP Association, Dist. Thane	8	Local Nalla at Ambemath leads to Waldhuni river which further leads to Ulhas creek
19	Chikhholi-Morivali Effluent Treatment, Dist. Thane	0.8	Local Nalla leads Waldhuni river which further leads to Ulhas creek
20	ACMA - CETP-Co-operative Society Ltd, Dist. Thane	0.25	Local Nalla leads Waldhuni river which further leads to Ulhas creek
21	Dombivli CETP (Chemical) (Phase-II), Dist. Thane	1.5	Bhopar nalla leads to ulhas creek
22	Dombivli Better Environment System Association, Dist. Thane	16	Khambalpada Nalla leads to Ulhas creek
23	Tarapur Environment Protection Society CETP, Dist. Thane	25	Navapur creek
24	Akkalkot Celp, Dist.	3	Into Local nalla
25	Additional Amravati Industrial Area, Dist. Amravati	5	HRTS

River wise Gap Assessment in Solid Waste Treatment

Sr. No.	Name of the River Stretch	Priority	Cities/Towns	Type of Local Body	MSW Generation (MTD)	MSW Treatment (MTD)	Gap in Treatment (MTD)
1	Godavari	I	Tryambkaeshwar	Municipal Council	5.00	5.00	0.00
2	Godavari	I	Nashik	Municipal Corporation	550.00	650.00	0.00
3	Godavari	I	Paithan	Municipal Council	5.00	5.00	0.00
4	Godavari	I	Gangakhed	Municipal Council	15.00	10.00	5.00
5	Godavari	I	Nanded	Municipal Corporation	250.00	120.00	130.00
6	Kalu	I	Kalyan-Dombivli	Municipal Corporation	650.00	29.00	621.00
7	Kundalika	I	Roha	Municipal Council	10.00	4.00	6.00
8	Mithi	I	Mumbai	Municipal Corporation	7700.00	4407.00	3293.00
9	Morna	I	Akola Municipal Corporation	Municipal Corporation	215.00	0.00	215.00
10	Mula	I	Pune Municipal Corporation	Municipal Corporation	1952.00	1202.00	750.00
	Mutha	I					
	Mula-Mutha	II					
	Bhima	II					
11	Nira	I	Akluj	Gram Panchayat			0.00
12	Nira	I	Phaltan Municipal Council	Municipal Council	16.20	11.00	5.20
13	Vel	I	Shikrapur	Gram Panchayat			0.00
14	Pawana	II	Pimpri-Chinchwad	Municipal Corporation	874.08	874.08	0.00
	Indrayani	II					
15	Indrayani	II	Alandi	Municipal Council	20.00	17.00	3.00
16	Wainganga	II	Desaiganj	Municipal Council	8.00	5.00	3.00
17	Wainganga	II	Gadchiroli	Municipal Council	24.00	2.00	22.00
18	Wainganga	II	Brhmapuri	Municipal Council	15.00	14.00	1.00
19	Wainganga	II	Bhandara	Municipal Council	30.25	12.00	18.25
20	Wainganga	II	Pauni	Municipal Council	5.60	2.50	3.10
21	Wardha	II	Chandrapur	Municipal Corporation	105.00	80.00	25.00
22	Wardha	II	Ballarpur	Municipal Council	28.00	23.00	5.00
23	Wardha	II	Rajura	Municipal Council	7.50	6.00	1.50
24	Ghod	III	Shirur	Municipal Council	12.00	12.00	0.00
25	Kanhan	III	Kamptee	Municipal Council	38.65	4.10	34.55
26	Kanhan	III	Kanhan Pipri	Municipal Council	9.95	3.18	6.77
27	Kanhan	III	Mouda	Municipal Council	3.00	3.00	0.00
28	Kolar	III	Chandkapur Village	Gram Panchayat			0.00
29	Kolar	III	Chicholi Village	Gram Panchayat			
30	Kolar	III	Mahadula Nagar Panchayat	Nagar Panchayat	4.50	3.16	1.34
31	Krishna	III	Sangli Miraj Kupwad Municipal Corporation	Municipal Corporation	220.00	69.00	151.00
32	Krishna	III	Islampur Municipal Council	Municipal Council	18.50	8.50	10.00
33	Krishna	III	Ashta Municipal Council	Municipal Council	9.00	3.50	5.50
34	Krishna	III	Wai Municipal Council	Municipal Council	14.75	5.60	9.15
35	Krishna	III	Satara Municipal Council	Municipal Council	70.00	12.51	57.49
36	Mor	III	Marul	Gram Panchayat			0.00
37	Mor	III	Nhavi	Gram Panchayat			
38	Mor	III	Padalse	Gram Panchayat			
39	Patalganga	III	Khopoli Municipal Council	Municipal Council	24.00	22.00	2.00
	Patalganga	III	Khalapur Nagar Panchayat	Nagar Panchayat	3.00	0.00	3.00
40	Pedhi	III	Amravati	Municipal Corporation	292.00	97.00	195.00
	Puma	III					
41	Penganga	III	Municipal Council, Mehkar, Dist Buldhana	Municipal Council	10.50	1.00	9.50
42	Penganga		Municipal Council, Umarkhed, Dist. Yavatmal	Municipal Council	18.50	13.00	5.50
43	Tapi	III	Bhusawal	Municipal Council	58.00	24.00	34.00
44	Tapi	III	Shirpur	Municipal Council	12.00	12.00	0.00
45	Urmodi	III	Valse	Gram Panchayat			0.00
46	Urmodi	III	Nagthane	Gram Panchayat			

47	Waghur	III	Pahur, Dist. Jalgaon	Gram Panchayat			0.00
48	Waghur	III	Neri, Dist. Jalgaon	Gram Panchayat			
49	Waghur	III	Sakegaon, Dist. Jalgaon	Gram Panchayat			
50	Wena	III	Hinganghat	Municipal Council	31.60	0.00	31.60
51	Bindusar	IV	Beed	Municipal Council	31.00	15.00	16.00
52	Bori	IV	Amalner	Municipal Council	40.00	8.00	32.00
53	Chandrabhaga	IV	Pandharpur	Municipal Council	38.00	30.00	8.00
54	Dama	IV	Ghoti Village	Gram Panchayat			0.00
55	Dama	IV	Bhagur Municipal Council	Municipal Council	2.00	0.80	1.20
56	Dama	IV	Sansari Village	Gram Panchayat			0.00
57	Gimna	IV	Jalgaon	Municipal Corporation	220.00	5.00	215.00
58	Gimna	IV	Bhadgaon	Municipal Council	12.00	10.00	2.00
59	Hiwara	IV	Pachora	Municipal Council	20.00	10.00	10.00
60	Koyana	IV	Malkapur	Municipal Council	1.35	1.35	0.00
61	Koyana	IV	Karad	Municipal Council	28.30	28.30	0.00
62	Pelhar	IV	Vasai Virar	Municipal Corporation	625.00	356.00	269.00
63	Sina	IV	Solapur	Municipal Corporation	250.00	238.00	14.00
64	Titur	IV	Chalisgaon	Municipal Council	33.00	6.00	27.00
65	Amba	V	Pali Village	Gram Panchayat			0.00
66	Bhatsa River	V	Shahapur Nagar anchayat	Nagar Panchayat	3.75	0.00	3.75
67	Bhatsa River		Vashind Village	Gram Panchayat			
68	Gomai	V	Shahada	Municipal Council	14.00	5.00	9.00
69	Kan	V	Sakri	Nagar Panchayat	2.50	0.50	2.00
70	Manjara	V	Latur Municipal Corporation	Municipal Corporation	151.00	151.00	0.00
71	Panchganga	V	Kolhapur	Municipal Corporation	200.00	200.00	0.00
72	Panchganga	V	Ichalkaranji	Municipal Council	88.00	30.00	58.00
73	Panchganga	V	Other villages	Gram Panchayat			0.00
74	Panzara	V	Dhule	Municipal corporation	178.00	20.00	158.00
75	Rangavali	V	Navapur	Municipal Council	7.00	1.00	6.00
76	Savitri	V	Mahad	Municipal Council	11.00	8.00	3.00
77	Surya	V	09 Villages	Gram Panchayat			0.00
78	Tansa River	V	08 Villages	Gram Panchayat			0.00
79	Ulhas	V	Ulhasnagar	Municipal Corporation	360.00	8.00	352.00
80	Ulhas	V	Ambemath Municipal Council	Municipal Council	154.00	5.00	149.00
81	Ulhas	V	Kulgaon Badalapur	Municipal Council	68.00	43.00	25.00
82	Vaitarana	V	Sarsi Village	Gram Panchayat			0.00
83	Vaitarana	V	Gandhre Village	Gram Panchayat			
84	Vaitarana	V	Pimprioli Village	Gram Panchayat			
85	Vaitarana	V	Koyna Village	Gram Panchayat			
86	Vashishthi	V	Kherdi Village	Gram Panchayat			0.00
87	Vashishthi	V	Dalvatne Village	Gram Panchayat			
88	Vashishthi	V	Gane Village	Gram Panchayat			
89	Vashishthi	V	Khadpoli	Gram Panchayat			
Total					15873.48	8850.08	7023.40

Summary

ULB	Numbers	Solid Waste Generation	Solid Waste Treatment	Gap in Treatment
Municipal Corporation	17	14792.1	8404.08	6388.00
Municipal Council	42	1067.7	442.34	625.31
Nagar Panchayat	3	13.8	3.66	10.09
Gram Panchayat	27	0.0	0.00	0.00
Total	89	15873.48	8850.08	7023.40

Solid Waste Management in State of Maharashtra

Particular	Details
Quantity of MSW generated in the state	23708 MT/Day
Quantity of MSW processed in the state	13276 MT/Day
Quantity of MSW sent to the landfills	2371 MT/Day
Timeline for all waste generated in the state processed in the waste processing facilities	Apr-20

Annexure-V

**Details for Management of other wastes
(in TPD)**

Type of Waste	Generated	Processed/ Treated	Gap
BMW	62.4	62.1	0.3
HW	3021.6	3021.6	0.0
Plastic Waste	1122.3	613.6	508.7
E Waste	2678	25	2653.0

Remarks:

1. There are 31 common Biomedical Treatment Facilities spanning all over Maharashtra out of which 29 are Incineration based and 02 are deep burial.
2. There are four Common Hazardous Waste Treatment, Storage & Disposal Facilities (CHWTSDF) installed and operating successfully in the State of Maharashtra. Two facilities namely Mumbai Waste Management (MWM), Taloja and Trans Thane Waste Management Association (TTCWMA), Mahape, are located under Navi Mumbai region; one facility namely Maharashtra Enviro Power Ltd (MEPL), Ranjangaon is located in Pune region and Vidharbha Enviro Protection Ltd. (VEPL), Butibori Industrial Area is located in Nagpur region.

Annexure-VI

State Level Monitoring of Implementation of Action plans for restoration of Polluted River Stretches

River Rejuvenation Committee (RRC):

Environment Dept., Maharashtra Government issued G.R. vide No. NGT 2018/PC-2/TC-3 dtd.13.12.2018. regarding constitution of River Rejuvenation Committee (RRC) with reference to Hon'ble NGT order, comprising of following members-

1. Director, Environment Deptt., GoM
2. Director, Urban Development, GoM
3. Director, industries Deptt., GoM
4. Member Secretary, MPCB, Mumbai – Convenor

RRC functions under supervision of Principal Secretary, Environment Deptt., GoM. Committee shall prepare Action Plan includes source of pollution and its mitigation.

▪ Details of RRC meeting:

Meeting	Date	Points discussed
1 st RRC	14/12/2018	▪ Reviewed draft action plans of polluted river stretches of Priority I rivers ▪ Decided to take to take review of local bodies
2 nd RRC	09/01/2019	▪ Reviewed draft action plans of polluted river stretches of Priority II rivers ▪ Decided to add funding details of STP and its timelines
3 rd RRC	23/01/2019	▪ Reviewed and finalized draft action plans of polluted river stretches of Priority I, II, III, IV and V rivers
4 th RRC	16/02/2019	▪ Decided to communicate with Water Resource Department to maintain e-flow in the rivers ▪ Decided to communicate with Urban Development department to take necessary steps to provide adequate funds to urban local bodies for installation of sewage treatment & MSW processing facilities in a time bound manner
5 th RRC	25/06/2019	▪ RRC reviewed and approved Action Plans for restoration of polluted river stretches in priority III, IV & V. ▪ It was decided that Director Environment will communicate with Water Resource Department and Urban Development Department regarding provision of funds in time bound manner for installation of STPs & MSWM facilities.
6 th RRC	05/11/2019	1. RRC has instructed the Regional Officers, MPCB to take following actions- ▪ Issue prosecution notices to ULBs which have not yet proposed any STP. ▪ Issue directions to ULBs to adhere strictly to the timelines submitted earlier. ▪ Take monthly review of compliance of the action plan along with ULBs & submit the status to Head Office. ▪ Attend next RRC meeting along with representatives of non-complying ULBs. 2. Regarding follow-up of letters with Water Resource Department and Urban Development Department dtd. 16/02/2019 addressed to Principal Secretary, UDD II and Principal Secretary, WRD, it was decided that Director

		Environment shall take necessary follow-up with these departments.
7 th RRC	22/01/2020	1. RRC took the stock of timelines for completion of both STP and sewage collection network. All Municipal Corporations & Councils were directed to submit the plan for STP and sewage system. 2. MPCB has decided to issue Directions to such towns/villages which do not have technical and financial capability. MPCB will assist them technically & financially. Such projects related to waste management in smaller towns will be completed within next 3 years.

Review of Compliance by Chief Secretary of Maharashtra:

Nine meetings were held under the chairmanship of Hon'ble Chief Secretary to take review of the compliance in the matter OA 673/2018. The details are as follows:

Date of meeting	Points discussed	Directions given by Hon'ble CS
05/02/2019	MPCB briefed to Hon'ble CS that: ▪ River Rejuvenation Committee is constituted in the state on 13/12/2018 and three meetings were already conducted. ▪ The Action Plans of all 53 polluted river stretches are submitted to CPCB. ▪ MPCB has requested through letter to Urban Development Department with copy to Director, Municipal Administration to take necessary steps to provide adequate funds in time bound manner. This is a pending issue and needs to be complied.	H'ble CS directed to submit the compliance time to time.
16/04/2019	Hon'ble Chief Secretary enquired about the status of the polluted river stretches. MPCB stated that on the same date (08.04.2019) as of the Hon'ble NGT order, MPCB submitted the action plans for such stretches in Maharashtra for another case before Hon'ble NGT have been submitted and are accepted with reduced timelines for the action plan implementation from 4-5 years as proposed by local bodies, to within two years.	Hon'ble Chief Secretary directed MPCB to follow up for completion of action plan on priority and submit a progress report in next meeting.
11/06/2019	MPCB briefed Hon'ble CS about the constitution of District surveillance task force to be constituted at the district level.	Hon'ble Chief Secretary directed all District Collectors to conduct the meeting at District level Committees constituted for monitoring the implementation of Action Plan for Polluted river stretches and personally look into the matter wherever land allocation issue arises.
30/08/2019	The Hon'ble NGT has directed to constitute a Special Environment Surveillance Task Force Committee at the district level. Accordingly Task Force Committees are constituted in 26 districts.	Hon'ble CS directed that remaining district collectors should constitute the special surveillance task force committees within 15 days.

19/09.2019	MPCB briefed to Hon'ble CS that, All the local Bodies and or the concerned department of the state Government have to ensure 100% treatment of the generated sewage and in default to pay compensation which is to be recovered by the State with effect from 01.04.2020. In default of such collection, the State/UTs are liable to pay such compensation. The CPCB is to collect the same and utilise for the restoration of the environment. ▪ The Board has already issued directions to Corporation and other cities mentioning the levy of the fine to be imposed as per the formula decided by Central pollution Control Board and confirmed by Hon'ble NGT in the said order. ▪ In case of ground water Authorities assigned for levy EC and taking penal action are district collectors for sealing illegal bore well / tube well and to levy environmental compensation for ground water. There after the prosecution of violator will be done by CGWA/ MPCB. ▪ MPCB has issued DO to all District Collectors in this concern.	
	PS, UDD-II briefed to Hon'ble CS that, UDD has identified 29 polluted river stretches for installation of STP and is working with MPCB for further work on remaining polluted stretches. It was stated that currently there are no STPs for some river stretches. It was submitted that, for remaining stretches, proposal for STPs and sewer network needs to be approved.	Hon'ble CS directed UDD to: Consider all the polluted river stretches. Now the Government have to ensure 100% treatment of the generated sewage form entire state as per the Order in Paryavaran Surksha Samaiti. Initially, it can be categorised; A) existing STPs with capacity and focus on its operation as well as improvement. B) Cities/Towns not having STPs C) The City/Town wise status sewer network etc. • Decide population-wise sewage treatment type under Swach Maharashtra Mission e.g. for cities with population above 50,000, will be provided with STP.

		For smaller towns/villages, Soak pit and defecation sludge treatment plant can be provided.
	PS, RDD, Govt of Maharashtra briefed to Hon'ble CS about the proposed sewage treatment plants for the local bodies in the state. It was informed that Rs. 5-10 lakh per STP is approved from Govt. of India, whereas actual cost for construction of STP is higher (about Rs. 50-60 lakh per STP.) The Department will request the Govt. of India for additional cost provision for the STPs. It was submitted that various types of toilet are used in Maharashtra, therefore the type in individual household is being checked. Accordingly the technology of sewage treatment will be decided for each GP. He informed that the Panchayats can use CSR fund for the STP construction as per a GR, however the panchayats have not yet started its use for this purpose.	Hon'ble CS directed RDD to: • Simplify the methodology for deciding sewage treatment as per population groups (e.g. 500-1000 etc.) of Gram Panchayats(GPs) and standardisation of STP technology, design of STP, cost etc. • GPs should use their own and CSR funding for sewage treatment plants. • Acquaint the CEOs & Executive Officers of panchayats with the plans proposed for sewage treatment for villages under their jurisdiction. • Prepare list of villages based on technology of sewage treatment based on population and quantity of sewage generation in the villages. • Make detailed plan for the sewage water treatment and recharge of ground water for each GP as groundwater recharge is crucial for them.
	MS, MPCB briefed Hon'ble CS that the norms for treated sewage discharge for Mumbai city were fixed by a CPCB and confirmed by Hon'ble NGT, however now it is challenged by another order. Also there are some court orders, which are contradictory to each other. This is creating issue in the implementation of the proposed STP works as well as Solid waste management plants (e.g. Kanjurmarg facility in Mumbai). There is no clarity regarding the norms.	Hon'ble CS directed MPCB to submit an affidavit to Hon'ble NGT regarding the judiciary for giving clarity in this regard and give consolidated single order for all the relevant matters.
09/10/2019	A review meeting in connection with the orders passed by Hon'ble National Green Tribunal, Principal Bench, New Delhi in the	

	matter OA No.606 of 2018 compliance of Municipal Solid Waste Management Rules, 2016, OA No. 804 of 2017 (Earlier O.A. No. 36/2012) in compliance of HOWM Rules, OA No.593 of 2017 filed by Paryavaran Surraksha & Anr. V/s Union of India & Ors vide order dated 28.08.2019 was held under the Chairmanship of Hon'ble Chief Secretary (CS), Government of Maharashtra, Mantralya.	
31/10/2019	PS, UDD-II briefed to Hon'ble CS about, existing STPs with capacities and its operation and maintenance as well as scope of improvement. Ongoing Projects under Amrut Cities and Non Amrut Cities. The City/Town wise status sewer network etc.	Hon'ble CS directed UDD to Prepare an affidavit with a breakup of cities with capacity, present status along with comprehensive action plan for STP in the compliance of Hon'ble NGT Orders in 606/2018.
	The completion of STPs by Local Bodies is possible by 2022 but some of the local bodies require time period up to 2024.	The Cabinet note shall be put up by UDD-II for Cabinet Resolution regarding completion of STPs with recycling proposals and sewage network by Local Bodies by 2024.
	PS, RDD, Govt of Maharashtra briefed to Hon'ble Chief Secretary that, Preparation of list of villages based on technology of sewage treatment based on population and quantity of sewage generation in the villages, and making the detailed plan for the sewage water treatment and recharge of ground water is under progress.	Hon'ble CS directed RDD to expedite the matter for early compliance. Also provide the information to UDD-II for inclusion in the affidavit.
18/11/2019	PS, Env briefed to Hon'ble CS about, action taken w.r.t the decisions taken during last review meetings. Based on the information furnished by the Urban Development Department-II and Rural Development & Panchayat Raj Department. It seems that, all the local bodies and or the concern departments of the State have to ensure 100% treatment of the generated sewage by 01.04.2020 however, it will not be achieved and it requires extension of timeline. PS, UDD-II also supported for extension of timeline and briefed regarding expected timeline to comply with 100% treatment of the	Hon'ble CS directed PS, Env to Prepare a draft application for modification of the Hon'ble NGT order in OA No. 593/2017 dtd. 28/08/2019 in consultation with Urban Development Department-II, Rural Development & Panchayat Raj Department mentioning their constraints. The PS, UDD-II is directed to file the application before Hon'ble NGT.

	generated sewage. The STPs of Amrut Cities (43 nos) and all Municipal Councils (222 nos) will be completed by 2024, and Mumbai Metro City will be Commissioned by 2028 and Nagarpanchayats formed in last 5 years will be complied for the provision of septage management by December 2020.	
	PS, Env briefed to Hon'ble CS about, The decision of RRC and its communication to Water Resource Dept for maintaining environmental flow in the rivers of Maharashtra adopting good irrigation practices, protection and management of flood plain zones, rainwater harvesting, groundwater charging, maintaining minimum environmental flow of river and plantation on both sides of the rivers Maintenance of environmental flow. Also, PS requested to concerned departments to furnish details.	Hon'ble CS directed PS RDD and PS WRD to expedite the matter for early compliance. Govt. of Maharashtra has implemented "Jal Yukta Shivar" Yojana for rain water harvesting, good irrigation practices and ground water charging. Protection and management of flood plain zones is already been taken care under Development Control Rules (DCR). It does not permit construction in flood plain zones. Regarding plantation on both sides of the river has been taken up by Govt. in the dream project of afforestation by Forest Deptt.
	PS, RDD, Govt of Maharashtra briefed to Hon'ble CS about action taken w.r.t the decisions taken during last review meetings, the progress on treatment of sewage treatment based on population and quantity of sewage generation in the villages, and making the detailed plan for the sewage water treatment and recharge of ground water.	Hon'ble CS directed RDD to expedite the matter for early compliance
	PS.Env and MS, MPCB briefed to Hon'ble CS that, The Board has prepared a model Tender documents for sewage treatment and Solid waste management; a) Model tender documents for Solid Waste Management using Biogas technology, Organic Waste Converter & Vermicomposting technology.	Hon'ble CS appreciated for the initiative taken by MPCB and Env Dept. The Copies of Model tender documents shall be made available to the concern department. This will be helpful to all the local bodies for expediting the mandated compliance.

	b) Model tender documents for sewage treatment plant with technologies i.e. Constructed Wetland Technology/ natural technologies, MBBR, SBR and ASP	
22/01/2020	PS Environment Dept., PS Urban Development Department and Member Secretary, MPCB apprised the compliance status of H'ble NGT Order in OA No. 606/2018 and 673/2018 to H'ble Chief Secretary.	H'ble Chief Secretary directed to submit the compliance report to the CPCB and to prepare presentation for personal appearance on 24.01.2020 before H'ble NGT.

District Special Environment Surveillance Task Force

1. District Special Environment Surveillance Task Force is constituted in the polluted river stretches at District level.
2. Precautions about not to excavate the sand from the polluted river stretches should be taken by the said Surveillance Task Force. The Regional Officer of the Maharashtra Pollution Control Board will be responsible for co-ordination with the Committee Members, arrange meetings and implementation of the decisions taken by the said Committee.
3. District Special Environment Surveillance Task Force were constituted in all the districts. These committees are looking after sand mining and related issues in their respective districts.
4. Hon'ble Chief Secretary had conducted a VC and directed all District Collectors to conduct the meeting at District level Committees constituted for monitoring the implementation of Action Plan for Polluted river stretches and personally look into the matter wherever land allocation issue arises.