MAHARASHATRA POLLUTION CONTROL BOARD

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MPCB /JD-WPC/B - 200717-FTS-0079 Date: - 17/07/2020

To,
The Secretary,
Ministry of Jal Shakti,
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 Jal Shakti.

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, GoI along with copy to CPCB.

In view of the same Monthly progress reports of Maharashtra State have been submitted on 18/01/2020, 07/02/2020, 20/03/2020, 19/05/2020, 26/05/2020 and 29/06/2020. We are submitting herewith Monthly Progress Report for June-2020, in prescribed format.

This is submitted in prejudice of Hon'ble Supreme Court Order vide dtd. 14.02.2020, in which Hon'ble Supreme court has stayed impinged order dtd. 08.04.2019 of Hon'ble NGT.

Yours faithfully,

E. Ravendiran, IAS
Member Secretary

Copy Submitted in favor of information to;
Hon'ble Chairman Maharashtra Pollution Control Board, Mumbai.

Copy submitted for information to;
1. Principal Secretary, Environment Department, GoM, Mantralaya, Mumbai

2. Member Secretary, Central Pollution Control Board, New 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) Total sewage generation in Maharashtra State is 9757 MLD. Existing Treatment capacity - 7746 MLD (137 nos of STPs) and Capacity Utilization - 4013 MLD. 2) 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. 3) The gap in sewage treatment in local bodies along polluted river stretches will be fulfilled by 2023. 4) Nagar Panchayat will meet the target by Dec. 2020 through septage management. 5) Gap will be meet through temporary measures till the completion of STPs and sewerage network. 6) 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.
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 20th of every month)	Compliance report sent to Secretary; Ministry of Jal Shakti with copy to CPCB vide letter dtd. 18/01/2020, 07/02/2020, 20/03/2020, 19/05/2020, 26/05/2020 and 29/06/2020
7.	Progress Report may be comprised of details along with completion timelines on: i. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment ii. Status of STPs, I&Ds and sewerage networks. Details of existing Infrastructure, Gap Analysis, Proposed along with completion timelines 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 of Existing Infrastructure, Gap Analysis, proposed 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		i. Drains carrying wastewater in 92 towns / cities along the polluted river stretches have been identified. Refer Annexure-I. ii. 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. iii. Details enclosed in Annexure-II iv. Details enclosed in Annexure-III v. Details enclosed in Annexure-IV vi. Details enclosed in Annexure-V. vii. 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 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.

	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 Palin 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		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, rain water harvesting, Plantation at both sides of the river and setting up biodiversity parks in their jurisdiction.

Progress in present report wrt last Monthly Progress Report Filed in June 2020

Solid Waste Management along the Polluted River Stretch	MPR	MSW Generation (MTD)	MSW Treatment (MTD)	Gap in Treatment (MTD)
	Report Filed in June-20	15873.48	8850.08	7023.40
	Report Filed in July-20	14359.65	11206.33	3153.32

Latest Water Quality Status:

Status of polluted river stretches in April 2020			
Priority	**No. of stretches Declared In 2018**	**No. of stretches in 2019**	**No. of stretches in 2020**
Priority I	9	1	1
Priority II	6	6	6
Priority III	14	8	10
Priority IV	10	15	14
Priority V	14	22	21
Less Polluted	-	1	1
Total	53	53	53

Annexure-I

River wise Gap Analysis in Sewage Generation & Treatment

Sr. No.	Name of the River	River Stretchs	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2019	Cities/Towns	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Actual Utilization	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
1	Godavari	Someshwar Temple to Rahed	504	I	II	Tryambakeshwar	Municipal Council	1) Local Nallas	1.00	1.00	1.00	0.00	0.00	Complied	--		No Gap	
2				I	II	Nashik	Municipal Corporation	1) Chikhali Nalla 2) Gangapur Nalla 3) Bardan phata Nalla. 4) Someshwar Nalla. 5) Chopda Nalla	290.00	360.00	290.00	0.00	32.00	Complied	Mar-21	1550 km sewer network completed 210km sewer network work under progress.	Nashik have 100% treatment capacity. All Sewage network line connected to STP. Sump is pending the work will be complied by March 2020.	269 sq.km area of Nashik city
3				I	II	Paithan	Municipal Council	1) Local Nallas	5.00	0.00	NA	5.00	7.50	Mar-22		Almost all drainage line are laid down only connection to sump remains.	Piathan MC has proposed STP of capacity 7.5MLD.	Budget 46 Cr Sanctioned. MC has been asked provide bar chart for completion up to April 2021
4				I	II	Gangakhed	Municipal Council	1) Local Nallas	1.50	0.00	NA	1.50	5.00	Dec-20			02 STPS proposed with capacity of 4 MLD at Kaplicha nala and 1 MLD at Datta Mandir Nalla. The work will be completed by Dec. 2020.	Response received dated 19.07.2019, MC already submitted proposal under River Conservation Program, yet approval is pending & doesn't have required funds for STP & drainage network 5.59 Cr.
5				I	II	Nanded Waghla	Municipal Corporation	North side Nalla - 1.Chunal Nalla 2.Bhimghat Nalla East 3.Shani Mandir Nalla. 4.Govardhan Ghat Nalla East 5. Govardhan Ghat Nalla Weast 6. Balgiri Nalla -1 7. Balgiri Nalla - 2 8. Gadipura Nalla Harijan Wasti 9. Gadipura Nalla Badi dargha 10. Gadipura Habib Talkiz 11. Sidhhi Ghat Nalla 12. Killa Center Nalla 13.Killa East Nalla 14. BurudGalli Nalla 15. NawGhat Nalla 16. Karbala Nalla 17. Chouphala Nalla 18 Bialal nagar Nalla 19 Kudbenagar Nalla 20.Bhimghat Nalla weast 21. Laxmi nagar Malli area Nalla - 1 22. Laxmi nagar Malli area Nalla - 2 23. Laxmi nagar Malli area Nalla - 3 South side Nalla - 24 Vasarni Nalla - 1 25. Vasarni Nalla - 2 26. Saibaba Mandiar Nalla 27. Nawin pul Nalla 28. Vakaspur Nalla 29. Vrundawan Nalla 30.Kamalnagar Nalla 31. Kautha Nalla east 32. Kautha Nalla weast 33. Echo development Nalla 34. Vishnupuri -Asarjan Nalla	70.00	132.00	57.00	0.00	10.00	Complied	Dec-21	DPR for renovation of existing Nalls, construction of newely developed Nalls as well as pollution free treatment stagnant water in 4 km of river bank development and plantation etc. of amount 77 Cr. Is prepared and process of submission to Govt. is in progress.	10 MLD proposed for future purpose and DPR will prepared by Dec 2021 work under progress. Sewage network is under progress.	1) nanded waghla Municipal corporation, Nanded already submitted proposal under state River Conservation Scheme. 2) Budget of 17.59 Cr. Sanctioned by Govt. of Maharshtra, OU + Environment Dep. On Dateed 11.09.2019 for construction of STP (10MLD) at Chunal nalla in Nanded City. 805 state river conservation Programme and 20% by NWMC, for which work order for the same in issued on 13.12.2019 and work is in progress. 3) Timeline for completion of STPs of existing Nssls construction of newely developed Nsllas as well as pollution free treatment stagnant water in 4 Km of river banks development plantation etc. is prepared and process of submission to Govt. is in progress. Note: out of Major drains 34 nallas only 9 Nallas overflows and pollute the river.
6	Kalu	Along Atale village	2.5	I	V	Kalyan-Dombivali	Municipal Corporation	1) Neptune Nalla, 2) Balkrishna Paper Mill Nalla, 3) Shiv Mandir Nalla, 4) Balyani Nalla	7.60	0.00	NA	7.60	21.00	Dec-22			DPR preparation under preparation. The proposed STP of capacity 21 MLD at Ambivali.	
7	Kundalika	Salav to Roha	35.5	I	III	Roha	Municipal Council	1) Local nallas	2.80	0.00	NA	2.80	5.00	Mar-22		No data provided	Roha MC has stipulated the condition of provision of Septic tank & soak pit while granting the building permission. Rest water is discharged in to saline water zone of Kundalika. Drainage network 60% completed. 1MLD and 4 MLD capacity of STP proposed.	

River wise Gap Analysis in Sewage Generation & Treatment

Sr. No.	Name of the River	River Stretchs	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2019	Cities/Towns	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Actual Utilization	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	Mithi	Powai to Dharavi	17.8	I	I	Mumbai	Municipal Corporation	1) Local Nallas	286.00	0.00	NA	286.00	8.00	Nov-20			Construction of STP of 8 MLD capacity and WSP compound. 144+134=278MLD will be diverted to existing STPs at Bandra and Ghatkopar by Nov 2020.	Out of Total 286 MLD of Dry weather flow, the work of construction of STP of 8 MLD capacity from Filterpada to WSP Compound is in progress. Dry Weather Flow of 97 MLD (from WSP Compound to CST Bridge) and 37 MLD (from CST Bridge to Mahim Causeway) will be diverted to Bandra Treatment Zone through existing sewer network by proposing sewer interceptors, whereas, Dry Weather Flow of 144 MLD (from Bapat Nalla & Saphed Pool Nalla) will be diverted at Ghatkoapar WWTF through proposed Tunnel.
9	Morna	Akola to Takalijalam	6	I	V	Akola	Municipal Corporation	1) Khadki Nalla at Vidrupa river 2) Hingna Nalla 3) Khadan Nalla 4) Kailash tekdi 5) Nimwadi Nalla 6) Luxury Bus stand Nalla 7) Anicut Nalla 8) Kholeshwar nalla 9) Ganesh Ghat Nalla 10) Shalini Talkies Nalla 11) Savatram Nalla 12) Masum Shah baba Nalla 13) Mohata Mill Smashan Nalla 14) najuk nagar Nalla 15) Naigaon nalla at nagina masjid trust 16) River Junction Naigaon Nalla 17. Shanawajpur Naigaon Nalla 18. Najuk Nagar nalla 19. Sidhatha nagar at Idgah Nalla 20. Rahul Nagar Harihar Peth nalla 21. Akkalkot Nalla 22. Khidki Pura Nalla 23. Takiya nagar nalla 24. Takiya Islampura Nalla 25. Kala maroti Nalla 26. Agar ves kala maroti nalla 27. Kumbhar wada dagadi Pul nalla 28. Gulzarpura Nalla Marghat of Gulzarpura Nalla 29. Zulpukar Nagar, Guljarpura Nalla 30. mothi umari Nalla 31 bapu Nagar Apatapa Road Nalla	27.60	0.00	NA	27.60	37.00	Dec-20		The underground drainage scheme is designed for the population left bak at old akola city 2.27km and nalla intercept (15No.), Right bak of morna river length 10.93 km and nalla intercept 18 no., Bapu nagar to Kharap length 1.91km nalla interception 2 nos., Construction of pumping station with Wetwell at Old city River Bak (Wet well at old city river bank	02 STPs of Capacity 37 MLD are proposed. At present sewage generation is 35 MLD. 45 MLD is projected value for next ten years.	Response received from SRO Akola vide email dtd. 14.01.2020, stating that 95 % work of 30 MLD STP and 60 % work of 5 MLD STP has been completed. Both STP will be commissioned up to Jun 2020
10	Mula	Bopodi to Aundh Gaon	2.7	I	III	Pune	Municipal Corporation	1) Botanical Garden Nallah in Pune City	97.00	73.00	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 744 MLD, destining 2 STPs having capacity 567 MLD. MC has proposed 11 STPs with capacity 396 MLD & Pune Cantonment Board has proposed one STP of capacity 20 MLD.	
11	Mutha	Shivaji Nagar to Khadakwasla Dam	16	I	II	Pune	Municipal Corporation	1)Warje nalla 2)vadgaon bk nalla 3) Hingne nalla 4)Erandwana nalla 5)Nagzari nalla 6)Ambil odha nalla	151.00	94.00	94.00	57.00	87.00	2023			03 STPs with capacity f 26, 28 & 33 are proposed & will be completed by 2023. Sewage generation from Pune city is 744 MLD, destining 2 STPs having capacity 567 MLD. MC has proposed 11 STPs with capacity 396 MLD & Pune Cantonment Board has proposed one STP of capacity 20 MLD.	
12	Mula-Mutha	Theur to Mundhwa Bridge	15	II	III	Pune	Municipal Corporation	1) Keshavnagar Nalla 2) Nalla at Bhapkar Mala 3) Rangicha Odha at Bhapkar Mala	496.00	400.00	400.00	96.00	259.00	2023			05 STPs with capacity of 127, 75, 30, 20, & 7 MLD have been proposed & will be completed by 2023. Mula-Mutha is formed after confluence of rive Mula and Mutha rivers. Mula-Mutha pollution abetment (Jica) shall be completed by 2023. Gap in the treatment capacity is 267 MLD.	

River wise Gap Analysis in Sewage Generation & Treatment

Sr. No.	Name of the River	River Stretchs	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2019	Cities/Towns	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Actual Utilization	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
13	Bhīma	Vithalwadi to Takli	200	II	II	Pune	Municipal Corporation	1) Keshavnagar Nalla 2) Nalla at Bhapkar Mala 3)Rangicha Odha at Bhapkar Mala					0.00	2023	219 MLD will be completed by 2023		Mula-Mutha river further meets to Bhīma river. 11 STPs with capacity of 396 MLD under Mula-Mutha pollution abetment (Jica) shall be completed by 2023. Gap in the treatment capacity is 177 MLD.	
14				IV	II	Pandharpur	Municipal Council	1) Gopalpur Nalla-Pandharpur					0.00	Complied	Dec-21		DPR proposal for 5 MLD future work under preparation. Namame Chandrabhaga on the line of Namame Ganga announced by Govt. of Maharashtra	
15	Nira	Sangavi to Shindewadi	43	I	III	Akluj	Gram Panchayat	1) local nallas	1.30	0.00	NA	1.30	0.00	Timeline not provided			Gap in the Treatment capacity is 6.3 MLD. 8 MLD STPs is proposed in Phaltan. MPC Board will provide financial & technical assistance to Akluj in next three years.	
16				I	III	Phaltan	Municipal Council	1) Khadakhira nala from Phaltan 2) Dagadi khan nalla near dinti naka	7.00	0.00	NA	7.00	8.00	Timeline not provided		Underground drainage network line work is under progress. Total 76 km sewage line is under development out of that 23 Km of sewage line is completed.	8MLD (2 STPS: 2.5 + 5.5) grant from Maharashtra suvarna jayanti nagarothan Mahaabhiyan yojana of 72.76 Cr.	
17	Vel	Nhavare to Shikarpur	10	I	IV	Shikrapur	Gram Panchayat	1) local nallas	2.00	0.00	NA	2.00	0.00	Timeline not provided			Shikrapur is Gram panchayat & there is no proposal of STP. MPC Board will provide financial & technical assistance to small towns to install STPs	
18	Pawana	Dapodi to Ravet	20	II	II	Pimpri-Chinchwad	Municipal Corporation	1) Ravet Nalla Near Ravet STP 2) Garware Nalla Near Bhatnagar 3) Kalasagar Nalla 4) Chinchwad Nalla Near SBR 30 MLD STP 5) Gavade Colony Nalla Near Manikbag (Chinchwad Staion Nalla Nearby Bombay Selection) 6) Nalla Near Sandvik	205.80	260.00	205.80	0.00	15.00	Timeline not provided	Proposed STP – 15 MLD at chinchwad Bhatnagar		Intercepted Sewer along the PCMC side bank of river is in progress. Augmentation of STPs Work under progress at Pimpri Chinchwad	
19	Indrayani	Moshigaon to Alandigaon	4.62	II	IV	Pimpri-Chinchwad	Municipal Corporation	1) Ravet Nala Near Ravet STP 2) Garware Nala Near Bhatnagar 3) Kalasagar Nala 4) Chinchwad Nala Near SBR 30 MLD STP 5) Gavade Colony Nala Near Manikbag (Chinchwad Staion Nala Near by Bombay Selection) 3 6) Nala Near Sandvik	88.20	73.00	73.00	15.20	12.00	Timeline not provided			STP of 12 MLD capacity Work under progress at Chikhali.	
20				II	IV	Alandi	Municipal Council	1) local nallas	2.50	0.00	NA	2.50	4.00	Mar-21		Alandi Municipal Council completed 90% work of underground sewage network lines. Out of 19km sewage line 17 km line is completed.	DPR prepared for STP at Alandi. DPR is prepared for Alandi Municipal council. Proposed STP – 10 interceptor Sewer along the PCMC side bank of river is in progress. Commencement of setting up STPs by March 2020. 100% sewage treatment bu 31st March 2020 at least to extent of in-situ remedation	Alandi facing Land issues for STP so work of STP is not started yet. After land acquisition STP work will completed within 6 months. Govt. had already provided funds to Maharasgtra Jeevan Pradhikaran under Pilgrim Development Scheme will excuting and monitoring work.
21	Wainganga	Tumsar to Ashti	98	II	III	Desaiganj	Municipal Council	1) local nallas	3.50	0.00	NA	3.50	0.00	Timeline not provided	--		DPR preparation under progress.	Project cost of 50 Cr including the drainage network cost.
22				II	III	Gadchiroli	Municipal Council	1) local nallas	5.00	0.00	NA	5.00	11.50	Timeline not provided	--	35kms of drainage line workcompleted out of 100 kms.	Received technical sanction from MJP	Project cost of 96.5 Cr including the drainage network cost.
23				II	III	Bramhapuri	Municipal Council	1) local nallas	3.50	0.00	NA	3.50	7.00	Timeline not provided			Phytorid treatment presently provided DPR is under preparation for proposed STP.	Project cost of 60-70 Cr including the drainage network cost.
24				II	III	Bhandara	Municipal Council	1) Bhandara town drain coming from Sant Tukdoji Ward, Town Bhandara, Dist-Bhandara.	5.50	0.00	NA	5.50	15.00	Timeline not provided			DPR has been submitted to MJP for technical approval.	
25				II	III	Pauni	Municipal Council	1) Pauni town drain	1.00	0.00	NA	1.00	7.00	Timeline not provided			DPR has been submitted to MJP for technical approval.	

River wise Gap Analysis in Sewage Generation & Treatment

Sr. No.	Name of the River	River Stretchs	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2019	Cities/Towns	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Actual Utilization	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
26	Wardha	Ghuggus to Rajura	42	II	IV	Chandrapur	Municipal Corporation	1) Confluence of Erai & Wardha River near Hadasti Village 2) Tail end of Amal nalla meeting to Wardha River near Sasti Opencast Mines	35.00	70.50	35.00	0.00	0.00	Complied		Total sewage network length is 176 km, completed 141km, balance 35km. Balance could not be completed currently by CCMC due to no NOC from forest dept., Archelogical dept. and other gov. dept..	Chandrapur has Sewage Treatment capacity of 70.5 MLD. But, inadequate drainage network. Ballarpur & Rajura have no STPs. Ballarpur has proposed one STP with capacity 16 MLD.MPC Board will provide financial & technical assistance to Rajuta in next three years.	Presently 80% sewage generated is treated in STP and balnace 20% alongwith the 80% treated sewage is discharged in Erai River, which later meets Wardha river.
27				II	IV	Ballarpur	Municipal Council	1) Discharge of BILT Nalla in Ballarpur, behind Ballarpur Opencast Mines. 2) Local Nalla near crematorium meeting to Wardha River at Ballarpur	5.00	0.00	NA	5.00	16.00	Timeline not provided			2 STPs of 7.5 and 8.5MLD, Technical approval obtained from MJP & administrative approval obtained from Municipal Administration Directorate. & Contractors have been selected	Total project cost of STP plant + drainage system is 57 Cr.
28				II	IV	Rajura	Municipal Council	1) Kapangaon Nalla meeting to Wardha River at Rajura	3.20	0.00	NA	3.20	5.5	Timeline not provided	NA		DPR preparation under progress. Currently 3.2 MLD sewage generated and all id discharged directly into the river.	Total project cost of STP plant + drainage system is 38 Cr.
29	Ghod	Annapur to Shirur	10	III	IV	Shirur	Municipal Council	1) Nallah near Kathapur Village 2) Nallah near Hindu temple at Malawadi 3) Ramling Grampanchayat Nallah 4) Shirur Town nallahs 5) Shirur Gramin Nallahs	6.00	6.00	2.50	0.00	0.00	Complied			There is discharge from villages Annapaur, Kathapur & Phakate.MPC Board will provide financial & technical assistance to villages in next three years.	
30	Kanhan	Bhandara to Nagpur	100	III	II	Kamptee	Municipal Council	1) JN Road Nalla 2) Akshok nagar Nalla 3) lohiya layout Nalla. 4) Bagdor Nalla 5) Other 2 local nallas	10.80	0.00	NA	10.80	12.50	Timeline not provided		Lenth of Nalla is 7.5 km (3 mtr. Avg. expecting to complete work by Dec 2020	submitted proposal for provision of sewage Treatment plant of capacity 12.50 MLD to MJP for Technical approval.	
31				III	II	Kanhan Pimpri	Municipal Council	1) Local Nallas	8.00	0.00	NA	8.00	8.00	Timeline not provided			submitted proposal for provision of sewage Treatment plant of capacity 8.0 MLD estimating 32.42 Crs to the Govt of Maharashtra for further approval. Funding by Urban Development.	
32				III	II	Mouda	Municipal Council	1) Local Nallas	1.50	0.00	NA	1.50	1.00	Mar-21		Lenth of Nalla is 7.5 km (3 mtr. Avg. expecting to complete work by Dec 2020	2 nos. of STP of capacity 0.5 MLD each is proposed at 2 locations, which will be expected to be completed by 2021.	Response received dtd.08.07.2019, mentioning STP will be completed by 31.03.2021
33	Kolar	Along Koradi	3.4	III	V	Chandkapur	Gram Panchayat	1) Chandkapur village sub drain	0.25	0.00	NA	0.25	0.00	Timeline not provided			MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
34				III	V	Chicholi	Gram Panchayat	1) Chicholi Village Major Drain	0.25	0.00	NA	0.25	0.00	Timeline not provided				
35				III	V	Mahadula	Nagar Panchayat	1) Drain coming from side pond No. 3 Koradi TPS.	1.40	0.00	NA	1.40	0.00	Timeline not provided				
36	Krishna	Shindi to Kurundwad	106	III	IV	Sangli Miraj Kupwad	Municipal Corporation	1) Sheri Nalla, Sangli. 2) Sidharth Nagar Nalla, Sangli. 3) Haripur Nalla, Sangli. 4) Miraj Nalla, Miraj 5) Other Major drain	68.00	59.70	49.20	8.30	22.50	Dec-20	Completed		03 STPs having capacity of 59.7 MLD (27, 9.2 & 23.5) 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 Bedag Road, 72% work completed, will complete by April 2020. Total 164.9 KM sewer line is proposed out of that 116.5 KM wok completed & rest work will be completed by April 2020.	.
37				III	IV	Islampur	Municipal Council	8 km distance from city 1) Islampur Municipal Council Local Nalla.	9.00	0.00	NA	9.00	12.00	Mar-21	NA	Pumping station land acquisition under process.	30% sewer network completed, land acquisition under progress for STP, 23.58 Cr grant from govt and 21.0 Cr aswell is received. 7MLD+4.5MLD STP by March 2021. No water is being discharged to river every drop of treated sewage is utised for agricultural use.	30% work of underground drainage network completed. Budget of Rs. 69.42 has been sanctioned by government.

River wise Gap Analysis in Sewage Generation & Treatment

Sr. No.	Name of the River	River Stretchs	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2019	Cities/Towns	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Actual Utilization	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
38				III	IV	Ashta	Municipal Council	Krishna River 6 Km away from city 1) Local Nallas	2.50	0.00	NA	2.50	5.50	Timeline not provided		Connected all drains to RCC constructed Cannel. The cannel were block because of farmas had diverted that water and the cannel is very narrow.		
39				III	IV	Wai	Municipal Council	1) Gangapuri nalla 2) Siddheshwar Nalla 3) Other small nalla	4.00	0.00	NA	4.00	6.00	Timeline not provided		underground sewage network construction is in progress, funds are not alloted yet.	DPR forwarded to MJP Pune for technical sanctioning, Rs. 42.74Cr is sanctioned. Work is in progress	Land acquisition for STP is in process. Technical sanction of STP & underground networking is in progress. Presently no fund sanctioned work will be commenced under Maharashtra Suvarnjayanti Vojana.
40	Mor	Jalgaon to Amoda	20	III	IV	Marul	Gram Panchayat	1) Local Nallas	0.45	0.00	NA	0.45	0.00	Not Proposed			MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
41				III	IV	Nhavi	Gram Panchayat	1) Local Nallas			NA		0.00	Not Proposed				
42				III	IV	Padalse	Gram Panchayat	1) Local Nallas			NA		0.00	Not Proposed				
43	Patalganga	Khadepada to Kopoli	20	III	III	Khopoli	Municipal Council	1) Bazarpeth Nalla	11.00	0.00	NA	11.00	0.00	Mar-22	--		DPR preparation is under progress for STP at Khopoli. Rs. 98 Cr grant is sanctioned.	
44				III	III	Khalapur	Nagar Panchayat	1) Lendi Nalla 2) Bazarpeth Nalla	1.60	0.00	NA	1.60	3.00	Mar-23	--		DPR preparation is under progress for STP.	Response dtd. 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 provision of Budget. Considering this, time line for completion of STP should be extended to 31.03.2023.
45	Pedhi	Narayanpur to Bhatkuli	3.2	III	IV	Amravati	Municipal Corporation	1) Drain from Village Narayanpur 2) Drain from Village Bhatkuli 3) Amba Nalla from Amravati City 4) Frizapura Nalla 5) Prashant Nagar Nalla 6) Minor Nalla 7) rathi nagar 8) Retigaon nalla 9) Nawethe nalla 10) Bhartiya Mahavidya Nalla 11) Narsari malla	71.05	55.00	74.50	71..05	16.00				DPR preparation under progress for 02 STPs (16 + 10 MLD) at Amravati. 34.5MLD for future expanction.	land acquisition for STP is in process.
46	Purna	Asegaon to Dhupeshwar	223.2	II	V	Amravati	Municipal Corporation	1. Drain from Village Asegaon Purna 2. Drain from Village Purna Nagar 3. Drain From Village Sawalapur 4. Drain From Village Nerul Ganagamai 5. Drain From Village Nerul Wathoda Shukleshwar 6. Drain From Village Darapur 7. Drain From Village Kholapur						Timeline not provided				
47	Penganga	Mehkar to Umarkhed	7.65	III	IV	Mehkar	Municipal Council	1) Mehekar to umarkhed Lendhi nalla	3.77	0.00		3.77	0.00	Mar-23			MC appointed PMC to prepared DPR for under ground drainage and STPs.	
48				III	IV	Umarkhed	Municipal Council	1) Mehekar to umarkhed Lendhi nalla	4.10	0.00	NA	4.10	9.60	Timeline not provided			DPR under preparation is under progress.	Project cost of 33 Cr including the drainage network cost.
49	Tapi	Raver to Shahada	58	III	IV	Bhusawal	Municipal Council	1) Local Nallas	11.00	0.00	NA	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.	
50				III	IV	Shirpur	Municipal Council	1) Local Nallas	5.00	12.50	5.00	0.00	0.00	Complied		Total exiating sewage network length 74km	PM have awarded best town.	O&M technology of STP is SBR - level of teratment aeration and clorination.

River wise Gap Analysis in Sewage Generation & Treatment

Sr. No.	Name of the River	River Stretchs	Length in Km	Priority CPCB Report 2018	Priority CPCB Jan to Dec 2019	Cities/Towns	Type of Local Body	Major Drains	Sewage Generation (MLD)	Sewage Treatment Capacity (MLD)	Actual Utilization	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
51	Urmodi	Dhangarwadi to Nagthane	18	III	II	Valse	Gram Panchayat	1) Valse nalla	0.40	0.00	NA	0.40	0.00	Timeline not provided			MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
52				III	II	Nagthane	Gram Panchayat	1) Nagthane nalla	0.00	0.00	NA	0.00	0.00	Timeline not provided				
53	Venna	Mahabaleshwar to Mahuli	47	III	IV	Satara	Municipal Council	1) Ranmala Nala, Karanje	12.80	0.00	NA	12.80	17.50	Mar-22			DPR prepared March 2022. Budget sanction 50cr.	
54	Waghur	Sunasgaon to Sakegaon	98	III	V	Pahur, Dist. Jalgaon	Gram Panchayat	1) Local Nallas	0.45	0.00	NA	0.45	0.00	Timeline not provided			MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
55				III	V	Neri, Dist. Jalgaon	Gram Panchayat	1) Local Nallas	0.00	0.00	NA	0.00	0.00	Timeline not provided				
56				III	V	Sakegaon, Dist. Jalgaon	Gram Panchayat	1) Local Nallas	0.00	0.00	NA	0.00	0.00	Timeline not provided				
57	Wena	Kawadghat to Hinganghat	1	III	IV	Hinganghat	Municipal Council	1) Hingnaghat town drain coming to Wena River near Railway Bridge 2) Hingnaghat town drain coming to Wena River from Ghat	6.25	0.00	NA	6.25	13.00	Mar-21			No Treatment Facility. 02 STPs are proposed with capacity of 13.5 (10+3 MLD)	1.Work shall be completed by March-2021, Budgetary provision 10 MLD-7.17 Cr & 3.5 MLD-4.0 Cr. 2. Response received from SRO Nagpur2 dtd. 12.12.2019 stating that work of STP is under progress, 60% completed & completed by March 2020
58	Bindusar	Swarajnagar to Snehanagar	0.7	IV	V	Beed	Municipal Council	1) Subhash Road nalla at Sathe Chowk, Sneha Nagar, Beed.	22.00	0.00	NA	22.00	35.00	Apr-21			No Treatment Facility. 01 STP is proposed with capacity of 35 MLD	Budget 165 Cr Sanctioned. 50%-GOI, 25%-GOM & 25%-MC. WO already relaeased, work under progress. Shall be completed by April 2021
59	Bori	Along Amalner	20	IV	V	Amalner	Municipal Council	1) Local nalla coming from Amalner city	10.00	0.00	NA	10.00	12.60	Dec-20		Total Sewage network length is 80km, till date work completed is 21km.	Sanction work order for 12.6 MLD Capacity STP. 30% sewerage network is completed by Dec 2020.	
60	Chandrabhaga	Pandharpur to Shegaon Dhumala	3.5	IV	III	Pandharpur	Municipal Council	1) Gopalpur Nalla coming from Pandharpur.	18.50	18.50	12.50	0.00	5.00	Complied	Dec-21	Drainage network of 85% completed, Total length in current phase 60km	DPR proposal for 5 MLD future work under preparation. Namame Chandrabhaga on the line of Namame Ganga announced by Govt. of Maharashtra	
61	Darna	Igatpuri to Sansari	35	IV	V	Ghoti Village	Gram Panchayat	1) Ghoti Village Nalla	0.87	0.00	NA	0.87	0.00	Timeline not provided	NA		Nashik Municipal Corporation has provided 02 STPs at Chehedi 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				IV	V	Bhagur	Municipal Council	1) Bhagur Village Nalla,	0.74	0.00	NA	0.74	0.00	Timeline not provided	NA			
63				IV	V	Sansari Village	Gram Panchayat	1) Sansari Nalla.	0.42	0.00	NA	0.42	0.00	Timeline not provided	NA			
64	Girnna	Malegaon to Jalgaon	110	IV	V	Jalgaon	Municipal Corporation	1) Local nalla coming from the Jalgaon city	48.00	0.00	NA	48.00	48.00	Aug-21	NA		STP Work has been started at site of work at Gat No.413,390 Jalgaon Shiwar having capacity of 48.00 MLD	
65				IV	V	Bhadgaon	Municipal Council	1) Kolha nalla coming from the Bhadgaon City	2.00	0.00	NA	2.00	0.00	Timeline not provided	NA		MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
66	Hiwara	Pachora to Nimbora	57	IV	V	Pachora	Municipal Council	1) Local nalla coming from Pachora city.	3.00	0.00	NA	3.00	9.00	Mar-21		Drainage network work will be completed in one year.	Civil work is completed and will commission around March 2020. One STP with capacity of 9 MLD is proposed	
67	Koyana	Karad to Panarde	29.6	IV	IV	Malkapur	Municipal Council	1) Local nalla	6.14	8.00	6.14	0.00	0.00	Complied		Total Network 59 km and construstion work of Network 51km done, Network will be completed by June 2020	Malkapur STP completed and rest of nalla will divert to STP by March 2020.	

River wise Gap Analysis in Sewage Generation & Treatment

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68		Tapadi		IV	IV	Karad	Municipal Council	1) Local nalla	8.50	8.50	8.50	0.00	0.00	Complied	NA		No gap in Treatment capacity	
69	Pelhar	Pelhar Dam to Golani Naka	9	IV	V	Vasai Virar	Municipal Corporation	1) Sopara Nalla, 2) Tungar Nalla, 3) Waliv Nalla.	105.00	30.00	30.00	75.00	175.00	Mar-22		Length of sewage network - 46km.	07 STPs with capacity 175 MLD have been proposed. 60 MLD STP was granted and sanction. Length of sewage network - 46km 170 Cr sanction from Govt. MJP for 60 MLD STP and Gap will address 15MLD.	
70	Sina	Solapur to Bankalagi	6	IV	IV	Solapur	Municipal Corporation	1) Degaon Nalla.	90.00	92.00	62.73	0.00	12.50	Complied	Mar-21		2 STPs provided with treatment capacity of 75 MLD and 15 MLD respectively. 12.5 MLD Proposed for future requirement under process	
71	Titur	Along dist. of Jalgaon Kodgaon Dam, Tal. Chalisgaon, Dist Jalgaon	35	IV	V	Chalisgaon	Municipal Council	1) Local nallas	13.63	0.00	NA	13.63	25.00	Sep-21			Proposal submitted to Government for 02. STPs of Capacity 6 MLD (Sep 2021) and 19 MLD. Land Acquisition is under process.	
72	Amba	Bense to Roha	11	V	V	Pali Village	Gram Panchayat	1) Local nallas	1.00	0.00	NA	1.00	0.00	Timeline not provided	NA		MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
73	Bhatsa	Shahapur to Bhadane	23.4	V	V	Shahapur	Nagar Panchayat	1) Local nallas	2.50	0.00	NA	2.50	0.00	Timeline not provided			MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
74				V	V	Vashind Village	Gram Panchayat	1) Local nallas	0.00	0.00	NA	0.00	0.00	Timeline not provided				
75	Gomai	Lonkheda to Shahda	7	V	V	Shahada	Municipal Council	1) Local nallas	2.00	0.00	NA	2.00	0.00	Timeline not provided			No treatment facility. Will be get done in next three years.	
76	Kan	Kavathe to Sakari	10	V	V	Sakri	Nagar Panchayat	1) Local nallas	1.20	0.00	NA	1.20	0.00	Timeline not provided			MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
77	Manjara	Latur to Nanded Bridge	8	V	IV	Latur	Municipal Corporation	1) Siddheshwar Nalla	30.00	0.00	NA	30.00	72.00	Mar-21			02 Nos of STPs with Capacity (40+32 MLD) 72 MLD have been proposed. The Latur Corporation provided water once in a 15days at a tune of 30Million litre approximately water supply is 2MLD. River Manjra is 7 km away from Latur city, except monsoon water never meet to the river, it is being used by the farmers.	Budget 139 Cr Sanctioned. WO will be released soon. 50%-GOI, 25%-GOM & 25%-MC. Shall be completed by April 2021
78	Panchganga	Shirol to Kolhapur	67	V	Less Polluted	Kolhapur	Municipal Corporation	1) Lakshtirth Nall 2) Jayanti Nalla 3) Dudhali Nalla 4) Jamdar Club Nalla 5) Siddharth Nagar Nalla 6) CPR hospital Nalla 7) Rajhans Nalla 8) Ramanmala Nalla 9) Dream World Nalla 10) Line Bazar Nalla 11) Kasaba Bavada Nalla 12) Bapat Camp Nalla 13) Kala Odha Nalla 14) Gandhinagar Nalla 15) Valiwade Nalla 16) Tilawani/Rui Nalla 17) Hupri Nalla 18) Shirdhon Nalla 19) Shirol Nalla	96.00	91.00	73.00	5.00	10.00	Mar-20		Balance 5 Nalls will be diverted to STPS upto June 2020 approx.	The sewage from Nalla will be diverted to existing STPs by March 2020. 2 STPS with capacity (6 and 4 MLD) 10 MLD proposed.	Temprory measures by means of bleeching powder dosing manually and traditional Phytoremidation.
79				V	Less Polluted	Ichalkaranji	Municipal Council	1) Chandur Nalla 2) Kabnur Nalla (Including Chandur nalla)	38.00	20.00	14.00	18.00	20.00	Mar-21		5 nallas are connected to river without treatment.	Ichalkaranji MCs have proposed 01 STP with capacity 20 MLD.	As per mail received from SRO Kolhapur dtd. 12.12.2019, the work of excavation is stopped since Aug, 2019, there is no any further progress.

River wise Gap Analysis in Sewage Generation & Treatment

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80				V	Less Polluted	Other villages	Gram Panchayat	1) Local nallas	23.00	0.00	NA	23.00	0.00	Timeline not provided				
81	Panzara	Varkhede to Dhule	7	V	IV	Dhule	Municipal corporation	1. Moti Nalla 2. Hagara Nalla 3. Sushi Nalla 4. Londhi Nalla 5. G.T.B Nalla 6. Hamal Nalla	36.00	0.00	NA	36.00	57.00	May-21		Total sewage network length from 6 major nalla is 26km 1. Moti Nalla - 6km 2. Hagara Nalla- 3km 3. Sushi Nalla- 4km 4. Londhi Nalla- 4km 5. G.T.B Nalla- 3km 6. Hamal Nalla- 5km Sewage gen. 30MLD Proposed sewerage Network of drain 147.56km	DPR submitted to Government for 02 STPs proposed with capacity of 57 MLD total= 17 MLD + 40 MLD)	Proposed sewerage network of 147.56 Km, will be completed by May-2021ut 163Cr. Approved fund allocated completed in May 2021. Funding details- GOI-65.76 Cr, GoM 32.88 Cr. & ULB/MC-32.88 Cr. Total 131.62Cr. Amrut Mission implimentation Agency maharshtra Jeevan pradhikaran Dhule.
82	Rangavali	Tintemba to Navapur	3.2	V	III	Navapur	Municipal Council	1) Local nallas	2.00	0.00	NA	2.00	0.00	Timeline not provided			No treatment facility. Will be get done in next three years.	
83	Savitri	Dadli to Muthavali	3.5	V	V	Mahad	Municipal Council	1. Local Nallas from Chambhar khind to fish market 2. Local Nallas from Narenagar to prabhat colony crematorium 3. Local Nallas from Koteshwari lend vahal	3.20	0.00	NA	3.20	3.70	Mar-22		Planning to nalla tapping process on existing two major nalla including small minor nala to major nala and mini STP and ABR planted filter bed and chlorination process implimentation before Dec 2020. Municipal Council resolution are sanction to proposed underground drainage system under state Nagarothan Plan and DPR sanctioning for preparation of CDP export consultant panel are iniivited via tender publishing on state level news paper	DPR preparation is under progress.	MC is planning to tap the manjor 2 nallas & connecting samll nallas to these major nallas, to pass this sewage through filter bed & chlorination by March 2020.
84	Surya	Dhamni Dam to Palghar	49	V	V	09 Villages	Gram Panchayat	1) Local nallas	0.00	0.00	NA	0.00	0.00	Timeline not provided	NA		Will be complied in next three years	
85	Tansa River	Along Thane	10	V	V	08 Villages	Gram Panchayat	No major drain as only small villages are located along the river stretch.	0.00	0.00	NA	0.00	0.00	Timeline not provided	NA		Will be complied in next three years	
86	Ulhas	Kalyan to Badlapur	22.5	V	V	Ulhasnagar	Municipal Corporation	1) Local nallas	67.00	20.70	20.70	46.30	54.26	Oct-20			Gap in treatment capacity is 46.3MLD. Ulhasnagar MC has total 04 STPS with capacity of 74.96 MLD. 1 STP - 20.7 MLD 2 STP - 15 MLD 3 STP- 31.26 MLD 4 STP-8 MLD proposed for future	Mail received from RO kalyan on 22.10.2019 stating that, UMC has communicated that STP will be completed by Dec-2019
87				V	V	Ambernath	Municipal Council	1) Local nallas	28.00	54.00	28.00	0.00	0.00	Complied	NA		70% area of the city has been covered by underground sewerage network. Remaining work will be completed by March 2020.	
88				V	V	Kulgaon Badalapur	Municipal Council	1.Hendrepada nalla 2. Joveli nalla 3. Eramjad nalla 4. Badlapur gaon nalla 5. Sonivali Nalla 6. Near WTP barrage road nalla	26.00	22.00	22.00	4.00	22.00	Mar-21		1.Hendrepada nalla- 2.5km 2. Joveli nalla- 1km 3. Eramjad nalla- 550mtr. 4. Badlapur gaon nalla- 1.5km 5. Sonivali Nalla- 700mtr. 6. Near WTP barrage road nalla-2km	Work orders have been issued for 02 STPs of capacity 10 MLD & 12 MLD. Budget is already sanction and will be completed by March 2021.	Funding Details- Central 50% (Approved 23.58, received 9.43), State 25% (Approved 11.79, received 4.71), MC 25% (Approved 11.79, received 4.71) (MJP)
89	Vaitarana	Gandhre to Sarashi	5-10	V	V	Sarsi Village	Gram Panchayat	1) Local nallas	0.19	0.00		0.19	0.00	Timeline not provided	NA		MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
90				V	V	Gandhre Village	Gram Panchayat	1) Local nallas					0.00	Timeline not provided	NA			
91				V	V	Pimproli Village	Gram Panchayat	1) Local nallas					0.00	Timeline not provided	NA			

River wise Gap Analysis in Sewage Generation & Treatment

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92				V	V	Koyna Village	Gram Panchayat	1) Local nallas					0.00	Timeline not provided	NA			
93	Vashishthi	Kherdi to Dalvatne	3	V	V	Kherdi Village	Gram Panchayat	1) Local nallas	0.19	0.00		0.19	0.00	Timeline not provided	NA		MPC Board will provide financial & technical assistance to villages in next three years to comply with waste management.	
94				V	V	Dalvatne Village	Gram Panchayat	1) Local nallas					0.00	Timeline not provided	NA			MPCB had proposed wetland phytorid project at Dalvatne village
95				V	V	Gane Village	Gram Panchayat	1) Local nallas					0.00	Timeline not provided	NA			
96				V	V	Khadpoli	Gram Panchayat	1) Local nallas					0.00	Timeline not provided	NA			
									2728.65	**1961.40**	**1637.57**	**1010.26**	**1317.16**					

Details of STPs (Town/ City Wise)

Sr. No.	Name of the Town with no. of STP	Name of the Sewage Treatment Plant (STP)	STP Installed Capacity (MLD)	STP Commissioned in (Year)	Status (Opeartional / Non-Opeartional / Under Construction)	Present capacity/ utilization (MLD)	TechnologyUASB/ASP/OP/SBR/MBR/FAB etc.)	Compliance Status (in mg/Lit except pH)			
								pH	TSS	COD	BOD
1	Municipal Corporation of Greater Mumbai	Colaba WWTF Nr Afgan Church Colaba Mumbai -05 Tel No.22150723	41		Operational	22.51					
2		LGP WWTF-IPS 89,Dr.A.B. Road Worli Mumbai 18. Tel No.24933697	757	1991	Operational	374.78	other	6.7	82	224	95
3		Malad STP Marve Road, Mith Chawky, Malad (W), Mumbai-95 Tel : 28820860	240	Apr-98	Operational	216.06	Preliminay treatment by screening & diffused aerated grit	154	130	188	
4		Charkop STP MHADA, Sector 8 & 9, Kandivali(W), Mumbai- 400067 Tel : 28681357	6	2007	Operational	4.28	RMBR	18	78	90	
5		Bhandup WWTF Off eastern Express Highway Near Airoli Bridge Traffic Signal Bhandup East Tel No. 8286226994	280	2003	Operational	141.48	Preliminay treatment by screening & diffused aerated grit chambers. Dilution &	6.9	12	16	
6		Ghatkopar WWTF Off eastern Express Highway Near Pant Nagar Traffic Signal Ghatkopar East. Tel No. 9082820120	386	2003	Operational	151.7	Preliminay treatment by screening & diffused aerated grit chambers. Dilution &	7.3	68	--	
7		Versova STP J.P. Road Jn.,Link Road, Near Apnana Bazar, Andheri (W), Mumbai-53 Tel : 26366881	180	1998	Operational	108	Aerobic & Facultative Lagoon	7.25	41	104	39
8		Influent Pumping Station Bandra, Opp Swami Vivekanand Garden, Mahim Causway, Mahim (West), Mumbai 400016. Tel. No. 24464750	797	2003	Operational	531	Preliminary treatment by screening & diffused aerated grit chambers.Dilution & dispersion	7.96	35	78	32

Details of STPs (Town/ City Wise)

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								pH	TSS	COD	BOD
9	Thane Municipal Corporation	TMC STP Kopri, Thane	120	2012	Operational	70	SBR Technology	7.3	11		6
10		TMC STP Mumbra, Thane	32	2015	Operational	12	SBR Technology	6.8	29		18
11		TMC STP Vartak Nagar	0.9	2017	Operational	0.5	Inlet Chamber, Equilization Tank, Aeration Tank, Settling	6.5	10		4
12		Vitava	8.4	2019	Operational	1	MBBR Technology				
13		Kharegoan	46.76	2019	Non-Operational	NA	MBBR Technology				
14		Everest World, Kolshet	23.06	2019	Operational	5	MBBR Technology				
15		Lodha	22.02	2019	Non -Operational	NA	MBBR Technology				
16		Nagla Bunder	7	2021	Non -Operational	NA	SBR Technology				
17		Hiranandani	59	2021	Non -Operational	NA	Pumping Station, Inlet, Screen				
18	Mira- Bhaindar Municipal Corporation	Bhayander (W) near Garden Court Tower	8	Sep-17	Operational	8	MBBR	7 to 8	<20	<100	<10
19		Golden Nest Road, Bhayander (E) Goddev	12	Apr-17	Operational	12	MBBR	7 to 8	<20	<100	<10
20		Kanakia, Mira Road (E)	17	..	Operational	17	MBBR	7 to 8	<20	<100	<10
21		Shanti Park - Mira road - Sanghavinagar	13	Jun-14	Operational	13	MBBR	7 to 8	<20	<100	<10
22		Mhada- shanti garden- Mira Penkarpadagavthan (Mhada Colony)	7	..	Operational	7	MBBR	7 to 8	<20	<100	<10
23		Shanti nagar Mira road station, Near ayappamandir,	11	Jun-14	Operational	11	MBBR	7 to 8	<20	<100	<10

Details of STPs (Town/ City Wise)

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								pH	TSS	COD	BOD
24		Near Corporation garden, Kashimira road, Reservation No 170	12		Operational	12	MBBR	7 to 8	<20	<100	<10
25		Ghodbunder- Kashigaon, Mashachhapada Bhayander, Survey No. 233	14		Operational	14	MBBR	7 to 8	<20	<100	<10
26		Jesal park	2		Operational	2	MBBR	7 to 8	<20	<100	<10
27		Shrushti complex, Mira Road	1.5		Operational	1.5	MBBR	7 to 8	<20	<100	<10
28	Vasai-Virar Municipal Corporation	Bolinge Village STP - 2,	30	01-08-2017	Operational	30	MBBR	7.12	14	60	7
29		Adharwadi	25	2013	Operational	13	SBR				
30		Barave	15	2013	Operational	8	SBR				
31		Motagaon	40	Old STP	Operational	2	SBR				
32	Kalyan Dombivali Municipal Corporation	Chinchpada	40	2016	Operational	11	SBR				
33		Manda Titwala 2 Nos.	1.5	2014	Operational	2	Root Zone				
34		Manda Titwala 1.0 MLD	1	2014	Operational		Root Zone				
35	Bhiwandi Nizampur Municipal Corporation	Katai-1	13	2015	Operational	13	ASP	7.3	28	60	15
36		Katai-2	17	1978	Non-Operational	-	ASP	-	-	-	-
37	Ambernath Municipal Council	Vadalgaon STP	45	2016	operational	22	SBR	7.2	14	80	9.5
38		Chikloli	9	2016	Operational	6	SBR	7.1	12	76	20

Details of STPs (Town/ City Wise)

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								pH	TSS	COD	BOD
39	Kulgaon Badalapur Municipal Council	Badlapur STP	22	2016	Operational	20	SBR	6.7	12	40	4
40	Ulhasnagar Municipal Corporation	Vadholgaon	20.72	2019	Operational	SBR	20.72	-	-	-	
41	Navi Mumbai Municipal Corporation	Sec-12 C.B.D.	19.00	07-10-2011	Operational	12.00	SBR	7.09	7.00	28.00	4.75
42		Sec-50, Nerul	100.00	15/04/2008	Operational	40.00	SBR	7.39	4.00	28.00	3.60
43		Sec-18, Vashi	100.00	30/09/2008	Operational	40.00	SBR	7.19	8.00	30.00	4.10
44		Sec-20, Sanpada	37.50	15/04/2012	Operational	18.00	SBR	7.30	7.00	28.00	4.10
45		Sec-15, Ghansoli	30.00	Dec-2016 transferred from CIDCO	Operational	10.00	SBR	7.40	7.00	28.00	3.60
46		Sec-14, Koparkhairane	87.50	27/01/2012	Operational	45.00	SBR	7.20	6.00	32.00	3.60
47		Sec-18, Airoli	80.00	30/04/2008	Operational	35.00	SBR	7.30	8.00	40.00	3.80
48	Panvel Municipal Corporation	Bandar Road, Panvel, Dist. Raigad.	14	2009	Operational	12	MBBR	6.92	530.78	47.11	14.78
49		Sector-16, Kharghar, Tal. Panvel, Dist. Raigad.	25	2008	Operational	23	MBBR	6.91	398.14	33.71	12
50		Sector-16, Kharghar, Tal. Panvel, Dist. Raigad.	70	2012	Operational	63	MBBR	6.89	596.33	73.78	27.89
51		Sector-32, , Kamothe, Tal. Panvel, Dist. Raigad.	85	2012	Operational	79	MBBR	6.72	484.75	123.2	51
52		Sector-12,Kalamboli, Tal. Panvel, Dist. Raigad.	50	2011	Operational	47	MBBR	6.82	497.5	79.2	30
53		Sector-06, Ulwe, Tal. Panvel, Dist. Raigad.	32	2018	Operational	26	MBBR	7.3	774	24	6

Details of STPs (Town/ City Wise)

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								pH	TSS	COD	BOD
54		Kalundre, Kalundre Gaon, Panvel, Navi Mumbai	2	2019	Operational	1.7	MBBR	7.2	551.2	36.3	21
55	Nashik Municipal Corporation	Chehedi STP	22	2006	Operational	22	UASB	7.76	27	20	5
56		Chehedi STP	21	2012	Operational	21	ASP				
57		Panchak	7.5	2004	Operational	7.5	ASP	7.1	21	20	4.8
58		Panchak	21	2012	Operational	21	ASP				
59		Panchak	32	2016	Operational	32	UASB+MBBR	7.21	46	40	8
60		Tapvan	78	2003	Operational	78	UASB +Extended Aeration	7.13	36	16	4
61		Tapvan	52	2010	Operational	52	UASB +Extended Aeration				
62		Agar Takali	70	2015	Operational	70	ASP	7.14	42	80	22
63		Agar Takali	40	2016	Operational	40	UASB+MBBR	7.22	30	20	5
64		Municipal STP Gangapur	18	2020	Operational	NA	SBR	7.05	24	16	4.4
65	Tryambakeshwar Municipal Council	Municipal Council Tryambak	1	2000	Operational	1	FAB	7	702	120	38
66	Shirpur Municipal Council	Municipal Council - Shirpur, Tq Shirpur Dist Dhule	12.5	2017	Operational	8.64	SBR	7.3	129	160	58
67	Nandurbar Municipal Council	Municipal Council - Nandurbar, Tq and Dist Nandurbar	17.5	Nov-2018	Operational	9.3	SBR	7.44	88	40	18
68	Shirdi Nagarpanchyat	Shirdi, Tal-- Rahata, Dist-Ahmednagar	16	2015	Operational	9	UASB	7.4	10	15	6

Details of STPs (Town/ City Wise)

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								pH	TSS	COD	BOD
69	Pune Municipal corporation	Erandwane STP, S.No.3&4 Erandwane	50	2004	Operational	50	Activated Sludge Process	6.0-7.5	6.00-8.00	15-20	3.00-5.00
70		Bopodi STP, S.No.2A, 2B, 2C, 2D &6 (P) Bopodi	18	Jun-03	Operational	15	Extended Ariation Process	6.8-8.2	16-20	25-30	9.00-10.00
71		Tanajiwadi S.No.24, Shivajinagar	17	Apr-14	Operational	13	Biotower and exteded ariation process	7.2-8.0	15-18	25-35	10.00-15.00
72		Bhairoba STP, Final plot No.330 S.No.33A, 33B Koregaon Park	130	Jul-03	Operational	80	Activated Sludge Process	7.5-8.0	5.00-8.00	25-30	6.00-8.00
73		Mundhawa STP, S.No.2,3A,4 Mundhawa	45	Feb-09	Operational	42	Sequential Batch Process	7.0-7.5	5.00-10.00	20-30	6.00-8.00
74		Vithalwadi STP, S.No.20(P) Hingane	32	Mar-09	Operational	25	Modified Activated Sludge Process	7.0-7.5	7.00-9.00	20-25	5.00-7.00
75		Old Naidu STP, S.No.439 To 444 Pune final Plot No. 98 Knndy Road	90	Nov-88	not in Operation	NA	Activated Sludge Process	7.5-8.5	30-40	50-60	25-30
76		Baner STP, S.No.221 To 227 Baner	30	Jan-11	Operational	30	Sequential Batch Process	7.5-8.0	8.00-10.00	18-23	6.00-8.00
77		Kharadi STP, S.No.74, 75 Kharadi	40	Feb-12	Operational	40	Sequential Batch Process	7.0-7.5	8.00-10.00	20-30	5.00-7.00
78		New Naidu STP, S.No.439 To 444 Pune final Plot No. 98 Knndy Road	115	2010	Operational	115	Activated Sludge Process	7.5-8.5	15-20	25-30	9.00-11.00
79	Daund Municipal Council	Daund Municipal Council STP	4.2	2016	Non Operational due to maintanance work of STP	4.2	SBR	--	--	--	--
80	Saswad Municipal Council	Saswad Municipal council STP	2	2015	Operational	2	MBBR	7.6	…	…	95.8
81	Lonavala Municipal Council	Dongar Gaon, Lonavala	3.6	1998	Not in operation, at present existing STP is dismanteled for capacity enhancement to the tune	NA	Only civil structure is at site,STP capacity is in	NA	NA	NA	NA
82	Shirur Municipal Council	Sr. No. 269, Sonar Ali, Shirur	6	2013	Operational	2.5	SBR technology	8.6	---	48	16.5
83	Pune Cantonment Board	900 Boottee Street, Pune-!	20	2018	Operational	9	SBR	8	28	20	5.5

Details of STPs (Town/ City Wise)

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								pH	TSS	COD	BOD
84	Khadaki Cantonment Board	Gaddi Adda, Ward No. Tamela Chawl, Khadaki.	8	1991	Operational	6	Convetional type treatment	8	---	---	42
85		East Khadali, Near Lokmanya Tilak Highschool	1.2	2003	Operational	1.2	Convetional type treatment	---	---	---	---
86	Pimpri Chinchwad Municipal Corporation	Chikhali Phase I	16	1987	Operational	26.33	Extended Aeration	7.70	13.00	39.00	13.00
87		Chikhali Phase II	16	2000	Operational		ASP	7.85	10.00	36.00	11.88
88		Chinchwad Phase I (Bhatnagar)	30	2000	Operational	28.9	ASP	7.68	10.50	27.00	8.00
89		Chinchwad Phase II	30	2008	Operational	28.08	SBR	7.70	8.50	26.00	8.13
90		Sangvi Phase I	10	2011	Operational	6.031	ISBR	7.48	9.00	38.00	12.15
91		Kasarwadi I	40	1999	Operational	85.312	ASP	7.73	14.50	20.00	7.68
92		Kasarwadi II	40	2003	Operational		ASP	7.60	14.50	32.00	10.40
93		Kasarwadi III	40	July.2010	Operational		SBR	7.73	9.00	21.00	6.68
94		Pimple Nilekh	20	2007	Operational	18.741	Biotower	7.63	12.00	32.00	10.10
95		Ravet	20	2009	Operational	12.547	SBR	7.63	12.50	27.00	8.43
96		Akurdi	30	Jan. 2011	Operational	26.514	ISBR	7.60	14.50	26.00	7.75
97		Sangvi Phase II (Dapodi)	20	2012	Operational	13.774	SBR	7.65	10.00	24.00	8.23
98		Chahroli Phase I	21	2013	Operational	20.362	SBR	7.58	20.50	27.00	8.00

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								pH	TSS	COD	BOD
99		Chahroli Phase II	20	2019	Operational	14.30	SBR				
100	Solapur Municipal Corporation	Degaon STP	75.00	24-08-2017	Operational	52.12	SBR	7.7	6	28	4.4
101		Kumathe STP	12.50	29-03-2018	Operational	5.39	SBR	7.7	8	28	4.4
102		Pratap Nagar STP	15.00	26-03-2018	Operational	5.22	SBR	7.6	6	30	4.3
103	Mahabaleshwar Municipal Council	compartment no. 79(City Survey no.257/1) behind Karmachari Vasahat, At-Mahabaleshwar, Tal-	4	2011	Operational	2	MMBR	5	10	50	10
104		at Survey No.626, near Dhobi Ghat,At-Mahabaleshwar, Tal-Mahabaleshwar, Dist-Satara	1	2013	Operational	0.5	SBR	5	10	50	10
105	Panchagani Municipal Council	Survey No. 85/2 near Siddharthnagar,At-Panchgani, Tal-Mahabaleshwar, Dist-Satara	0.65	2011	Operational	0.65	MBR	5	10	50	10
106		Plot no. 497/4 & 5 near Shivajinagar,At-Panchgani, Tal-Mahabaleshwar, Dist-Satara	0.35	2011	Operational	0.35	MBR	5	10	50	10
107		Hindu Crematorium,At-Panchgani, Tal-Mahabaleshwar, Dist-Satara	1.5	2015	Operational	1.5	MBR	5	10	50	10
108	Karad Municipal Council	Bara Dabari, Karad, Tal-Karad, Dist-Satara	12.5	2017	Opeartional	9.5	MMBR Technology	6.62	60	NA	8.4
109	Malkapur Municipal Council	A/p-Malkapur Tal Karad Dist-Satara	5	2017	Operational	5	MBR	7.3	8.2	40	8
110		,A/p-Malkapur Tal Karad Dist-Satara	3	2018	Operational	3	MBR	7.3	8.2	40	8
111	Pandharpur Municipal Council	STP Gopalpur,Pandharpur	15.5	2013	Operational	12	SBR	7.6	8	30	7.6
112		STP, 65 Acre,Pandharpur	2.5	2019	Operational	0.5	SBT	7.5	6	20	5.2
113	Kolhapur Municipal	Kolhapur Municipal Corporation STP (76 MLD)Kasaba Bavada, Kolhapur	76	2014	Operational	55	SBR	7.5	15.14	41.72	7.99

Details of STPs (Town/ City Wise)

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								pH	TSS	COD	BOD
114	Corporation, Kolhapur	Kolhapur Municipal Corporation STP (17 MLD)Dudhali, Kolhapur	17	2018	Operational	17	SBR	7.85	13	18.56	4.72
115	Sangli Municipal Corporation	Dhulgaon STP 27 MLD (Oxidation pond)	27		Operational	27					
116		STP at Miraj-9.2 MLD (Oxidation pond)	9.2		Operational	9.2					
117		Hamumannagar STP 100 Footy road(Commising date-23/7/2018)	23.5		Operational	13					
118	Ichalkaranji Municipal Council	Ichalkaranji Municipal Council (STP 20 MLD) Old Sangli Naka, Ichalkaranji	20	1995	Operational	14	SBR	7.88	12.64	18.94	5.15
119	Aurangabad Municipal Corporation	Kanchanwadi, Aurangabad	161	23.12.2017	Operational	60	SBR	7.19	--	--	55
120		Padegaon	10	24.04.2018	Operational	5	SBR	7.51	--	--	60
121		Salim Ali Lake	5	28.02.2013	Operational	4	SBR	5.99	--	--	63
122		At Zalta,	35	16.05.2018	Operational	15	SBR	7.07	--	--	51
123	Nanded Waghala Municipal Corporation	Elichpur	30	Nov. 2014	Operational	12	ASP	7.2 to 8.6	52.75	123.91	40.81
124		Bondar	87	Nov. 2014	Operational	35	ASP	7.2 to 8.2	55.63	96.5	43.74
125		Sangvi	15	Dec. 2018	Operational	10	ASP	7.0 to 8.8	72.4	104	39.3
126	Nagpur Municipal corporation	Bhandewadi	200	2018	Operational	200	SBR	8.03	11	16	4.2
127		Bhandewadi	130	2016	Operational	130	SBR	7.92	10	12	3.2
128		Mankapur	5	2017	Operational	5	MBBR	7.6	19	74	27
129		Mokshadham	5	2017	Operational	5	MBBR	7.6	21	68	30

Details of STPs (Town/ City Wise)

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								pH	TSS	COD	BOD
130		Kachimet (NIT)	1	2018	Operational	1	SBT	….	….	….	….
131		Sonegaon (NIT)	0.3	Sept. 2019	Operational	0.3	Phytorid	….	….	….	….
132		Hazari Pahad (NIT)	4	Oct. 2019	Operational	4	SBR	….	….	….	….
133	Amravati Municipal Corporation	STP-1 –Lalkhadi,	44.0	2017	Operational	44	ASP	7.9	24	72	28
134		STP-2-Lalkhadi	30.5	2013	Operational	30.5	ASP	7.91	20	68	26
135	Shegaon Municipal Coundil	S.No. 752/1, Charmori, Shegaon, Dist.-Buldana	7	2015	Operational	3.5	MBR	7.7	34.2	....	31
136	Chandrapur Municipal Corporation	Pathanpura	45	2017	Operational	36	MBBR	8.14	33.47	39.18	12.76
137		Rehmat Nagar	25	2017	Operational		MBBR	7.95	25.89	55.33	21.46
138		Azad Garden	0.5	2017	Operational		MBBR	7.96	23.88	54.75	21.77

Annexure-III

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	550.00	0.00
3	Godavari	I	Paithan	Municipal Council	6.00	5.995	0.005
4	Godavari	I	Gangakhed	Municipal Council	15.00	11.00	4.00
5	Godavari	I	Nanded	Municipal Corporation	250.00	100.00	150.00
6	Kalu	I	Kalyan-Dombivli	Municipal Corporation	650.00	425.00	225.00
7	Kundalika	I	Roha	Municipal Council	8.00	7.80	0.20
8	Mithi	I	Mumbai	Municipal Corporation	6135.00	5000.00	1135.00
9	Morna	I	Akola Municipal Corporation	Municipal Corporation	215.00	0.00	215.00
10	Mula	I	Pune Municipal Corporation	Municipal Corporation	2000.00	2000.00	0.00
	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	16.20	0.00
13	Vel	I	Shikrapur	Gram Panchayat			0.00
14	Pawana	II	Pimpri-Chinchwad	Municipal Corporation	1050.00	1050.00	0.00
	Indrayani	II					
15	Indrayani	II	Alandi	Municipal Council	18.00	17.00	1.00
16	Wainganga	II	Desaiganj	Municipal Council	7.00	7.00	0.00
17	Wainganga	II	Gadchiroli	Municipal Council	16.00	16.00	0.00
18	Wainganga	II	Brhmapuri	Municipal Council	7.00	7.00	0.00
19	Wainganga	II	Bhandara	Municipal Council	30.00	2.00	28.00
20	Wainganga	II	Pauni	Municipal Council	4.00	3.00	1.00
21	Wardha	II	Chandrapur	Municipal Corporation	105.00	102.00	3.00
22	Wardha	II	Ballarpur	Municipal Council	26.00	26.00	0.00
23	Wardha	II	Rajura	Municipal Council	7.55	7.55	0.00
24	Ghod	III	Shirur	Municipal Council	14.00	14.00	0.00
25	Kanhan	III	Kamptee	Municipal Council	29.00	29.00	0.00
26	Kanhan	III	Kanhan Pipri	Municipal Council	9.00	4.00	5.00
27	Kanhan		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	5.00	5.00	0.00
31	Krishna	III	Sangli Miraj Kupwad Municipal Corporation	Municipal Corporation	215.00	88.00	127.00
32	Krishna	III	Islampur Municipal Council	Municipal Council	17.00	17.00	0.00
33	Krishna	III	Ashta Municipal Council	Municipal Council	5.70	5.70	0.00
34	Krishna	III	Wai Municipal Council	Municipal Council	14.75	11.25	3.50
35	Krishna	III	Satara Municipal Council	Municipal Council	70.00	39.38	30.62
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	3.00	0.00
40	Pedhi	III	Amravati	Municipal Corporation	250.00	60.00	190.00
	Purna	III					
41	Penganga	III	Municipal Council, Mehkar, Dist Buldhana	Municipal Council	10.50	2.00	8.50

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)
42	Penganga		Municipal Council, Umarkhed, Dist. Yavatmal	Municipal Council	21.20	21.20	0.00
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	10.00	21.60
51	Bindusar	IV	Beed	Municipal Council	31.00	31.00	0.00
52	Bori	IV	Amalner	Municipal Council	31.50	28.85	2.65
53	Chandrabhaga	IV	Pandharpur	Municipal Council	38.00	26.50	11.50
54	Darna	IV	Ghoti Village	Gram Panchayat			0.00
55	Darna	IV	Bhagur Municipal Council	Municipal Council	2.50	2.50	0.00
56	Darna	IV	Sansari Village	Gram Panchayat			0.00
57	Girnna	IV	Jalgaon	Municipal Corporation	268.42	202.45	65.97
58	Girnna	IV	Bhadgaon	Municipal Council	12.00	10.00	2.00
59	Hiwara	IV	Pachora	Municipal Council	21.005	18.00	3.005
60	Koyana	IV	Malkapur	Municipal Council	1.50	1.40	0.10
61	Koyana	IV	Karad	Municipal Council	26.50	26.50	0.00
62	Pelhar	IV	Vasai Virar	Municipal Corporation	580.00	348.00	232.00
63	Sina	IV	Solapur	Municipal Corporation	250.67	250.00	0.67
64	Titur	IV	Chalisgaon	Municipal Council	20.00	13.00	7.00
65	Amba	V	Pali Village	Gram Panchayat			0.00
66	Bhatsa River	V	Shahapur Nagar anchayat	Nagar Panchayat	5.29	5.00	0.29
67	Bhatsa River		Vashind Village	Gram Panchayat			
68	Gomai	V	Shahada	Municipal Council	12.26	11.75	0.51
69	Kan	V	Sakri	Nagar Panchayat	3.00	3.00	0.00
70	Manjara	V	Latur Municipal Corporation	Municipal Corporation	155.00	155.00	0.00
71	Panchganga	V	Kolhapur	Municipal Corporation	200.00	107.00	93.00
72	Panchganga	V	Ichalkaranji	Municipal Council	102.00	95.00	7.00
73	Panchganga	V	Other villages	Gram Panchayat			0.00
74	Panzara	V	Dhule	Municipal corporation	83.00	80.00	3.00
75	Rangavali	V	Navapur	Municipal Council	7.50	1.00	6.50
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	Ambernath Municipal Council	Municipal Council	156.00	5.00	151.00
81	Ulhas	V	Kulgaon Badalapur	Municipal Council	68.00	40.30	27.70
82	Vaitarana	V	Sarsi Village	Gram Panchayat			
83	Vaitarana	V	Gandhre Village	Gram Panchayat			
84	Vaitarana	V	Pimproli Village	Gram Panchayat			
85	Vaitarana	V	Koyna Village	Gram Panchayat			
86	Vashishthi	V	Kherdi Village	Gram Panchayat			
87	Vashishthi	V	Dalvatne Village	Gram Panchayat			
88	Vashishthi	V	Gane Village	Gram Panchayat			
89	Vashishthi	V	Khadpoli	Gram Panchayat			
					14359.65	**11206.33**	**3153.32**

ULB	Numbers	Solid Waste Generation	Solid Waste Treatment	Gap in Treatment
Municipal Corporation	17	13317.1	10525.45	2791.64
Municipal Council	42	1026.3	664.88	361.39
Nagar Panchayat	3	16.3	16.00	0.29
Gram Panchayat	27	0.0	0.00	0.00
Total	**89**	**14359.65**	**11206.33**	**3153.32**

Annexure-IV

WATER QUALITY STATUS OF POLLUTED RIVERS (Jan. to Apr. 2020)						
Sr. No.	NAME OF RIVER	BOD (mg/l)		Fecal Coliform (MPN/100 ml)		Current Priority
		Min	Max	Min	Max	
Priority I						
1	GODAVARI	3.4	8.8	2	58	IV
2	KALU	20	20	170	170	II
3	KUNDALIKA	3.4	12	17	240	III
4	MITHI	54	54	54000	54000	I
5	MORNA	4.6	4.6	39	39	V
6	MULA	16	18	1600	1800	III
7	MUTHA	3	26	8	1800	II
8	NIRA	4	12	50	900	III
9	VEL	12	12	40	40	III
Priority II						
1	BHIMA	6	25	8	1600	II
2	INDRAYANI	10	12	170	550	III
3	MULA-MUTHA	20	20	70	900	III
4	PAWANA	3	28	10	1800	II
5	WAINGANGA	3.8	6	26	39	IV
6	WARDHA	3.6	5.6	34	40	V
Priority III						
1	GHOD	7	7	250	250	IV
2	KANHAN	4	8	39	39	IV
3	KOLAR (MAH)	4.2	4.2	39	39	V
4	KRISHNA	1.8	4	14	200	V
5	MOR					DRY
6	PATALGANGA	4	12	110	540	III
7	PEDHI					DRY
8	PENGANGA	4.5	5	34	39	V
9	PURNA	4	4	34	39	V
10	TAPI	3.4	7	14	17	IV
11	URMODI	4	4	50	50	V
12	VENNA	3	4	25	120	V
13	WAGHUR	3.4	3.4	12	12	V
14	WENA	3.8	5	38	40	V

WATER QUALITY STATUS OF POLLUTED RIVERS (Jan. to Apr. 2020)						
Sr. No.	NAME OF RIVER	BOD (mg/l)		Fecal Coliform (MPN/100 ml)		Current Priority
		Min	Max	Min	Max	
Priority IV						
1	BINDUSAR	6.2	6.2	2	2	IV
2	BORI					DRY
3	CHANDRABHAGA	8	11	230	1800	III
4	DARNA	3.8	5	14	21	V
5	GIRNA	5	5	10	10	V
6	HIWARA					DRY
7	KOYNA	4	4	140	140	V
8	PEHLAR	3.6	3.6	13	13	V
9	SINA	13	13	50	50	III
10	TITUR					DRY
Priority V						
1	AMBA	3.4	3.4	110	110	V
2	BHATSA	3.2	3.4	17	33	V
3	GOMAI					DRY
4	KAN					DRY
5	MANJARA					DRY
6	PANCHGANGA	1.8	2	11	21	Less Polluted
7	PANZARA					DRY
8	RANGAVALI					DRY
9	SAVITRI	2	2.8	13	21	Less Polluted
10	SURYA	3.6	3.8	<1.8	23	V
11	TANSA	4	4	13	13	V
12	ULHAS	3.2	3.8	40	170	V
13	VAITARNA	4	4	27	27	V
14	VASHISTI	1.8	2	12	17	Less Polluted

Priority	No. of stretches Declared In 2018	No. of Stretches in 2019	No. of stretches in 2020 (Jan to Apr)
Priority I	9	1	1
Priority II	6	6	4
Priority III	14	8	9
Priority IV	10	15	6
Priority V	14	22	20
Less Polluted	-	1	3
Dry	-		10
Total	53	53	53

Annexure-V

Details for Management of other wastes

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	3144.0	25.0	3119.0
C& D waste	4545.0	75 (processed) +4470(Landfill)	00

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
1st 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
2nd 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
3rd RRC	23/01/2019	▪ Reviewed and finalized draft action plans of polluted river stretches of Priority I, II, III, IV and V rivers
4th 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
5th 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.
6th 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.
7th 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 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.