For the month-ending September 2026

National Mission for Clean Ganga - NMCG

Format for submission of Monthly Progress Report (MPR) in the NGT Matter

O.A. No. 673 of 2018 ***(in compliance to NGT order dated 24.09.2020)***

NGT has disposed-off the said matter vide its Order dated 22nd February 2021

State of GOA

Overall status of the State:

I. Total Population: Urban Population & Rural Population separately.

Urban Local Bodies (ULBs') Population : **6,62,448** (*Census 2021*)

II. Estimated Sewage Generation (MLD): **72.74 MLD** (*Urban area only*)

III. Details of Sewage Treatment Plant:

- Existing no. of STPs and Treatment Capacity (in MLD): **14 STP's with 113.85 MLD capacity.**
- Capacity Utilization of existing STPs': **65.727 MLD**
- MLD of sewage being treated through Alternate technology: In state of Goa where sewer network is not available, septic-tank / soak-pit arrangement is adopted. Many hotels and residential buildings (*with more than 25-rooms / flats*) have their own Sewage Treatment Plant – STPs'. Sulabh toilets are provided for group of houses / community and Bio-toilets have been provided under Open Defecation Free (ODF) policy in the State.
- Gap in Treatment Capacity in MLD: **Negligible**.
- No. of Operational STPs': **14 nos.**
- No. of Complying STPs': **14 nos.**
- No. of non-complying STPs': **NIL**

Details of existing / operational STP in the State

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP
1.	Shirvodem, Navelim.	20 - MLD	**22.44 - MLD**	Operational	Complied-with
2.	Vasco	20 – MLD	**5.50 - MLD**	Operational	
3.	Durbhat	01 – MLD	**0.12 - MLD**	Operational	
4.	Sancoale	01 – MLD	**01 - MLD**	Operational	
5.	Sanquelim	0.8 – MLD	**0.407 - MLD**	Operational	
6.	Kavlem, Ponda	15 - MLD	**8.03 - MLD**	Operational	
7.	Colva	7.5 - MLD	**2.31 - MLD**	Operational	
8.	Goa Medical College (GMC)	1.35 MLD	**0.50 - MLD**	Operational	
9.	Tonca, Panaji	12.5 – MLD	**4.50 - MLD**	Operational	
10.	Tonca, Panaji	15 – MLD	**10.80 - MLD**	Operational	
11.	Shirvodem-Navelim	6.7 – MLD	**6.7 - MLD**	Operational	
12.	Patto, Panaji	2 - MLD	**2.06 - MLD**	Operational	
13.	Baga	5.6 - MLD	**1.16 - MLD**	Operational	
14.	Mapusa	5.4 - MLD	**0.20 - MLD**	Operational	
Total		**113.85 MLD**	**65.727 MLD** *Previous-month, capacity being utilised was* : **63.33 MLD**		

Details of under-construction STPs in the State

No.	Location	Capacity of the plant in MLD	Physical Progress (*in %*)	Status of I&D or House sewer connections	Completion Timeline
1.	Porvorim	20 - MLD	**93%** (*no change since last-month due to monsoon)* of civil works has been completed. Around **92 % -** (*no change since last month)* of sewerage network has been completed.	-----	**December 2026**
2.	Curchorem	7.5 MLD	**60%** of STP completed and around **96%** (*no change since last month due to monsoon*) of the sewer network is completed.	----------	**December 2026**

Details of proposed STPs in the State

No.	Location	Capacity of the STP proposed in MLD	Status of Project (***at DPR Stage/ Under Tendering/ Work to be Awarded***)	Likely Date of Completion
1.	Undir, Bandora	15 – MLD	STP work could not be started due to local issues. **Around 65%** *(no change since last month)* of the sewer-network is completed.	16-months' time-period required from start of work.
2.	Curti, Ponda	08- MLD	STP work could not be started due to local issues. **Around 92%** *(no change since last month)* of the sewer-network is completed.	

** Above data does not include any packaged treatment plants /sulabh-toilets and Bio-toilets and may be obtained from Departments-concerned*

IV. Details of Industrial Pollution:

- No. of industries in the State: 8,611
- No. of water polluting industries in the State: *Nil*
- Quantity of effluent generated from the industries in MLD: *Not available.*
- Quantity of Hazardous Sludge generated from the Industries in TPD: *Not available.*
- Number of industrial units having ETPs: *209*.
- Number of industrial units connected to CETP: *State does not have any CETP*
- Number and total capacity of ETPs (*details of existing/ under construction / proposed*)
- Compliance status of the ETPs: 209
- Number and total capacity of CETPs (details of existing/ under construction / proposed) *: State does not have any CETP*
- Status of compliance and operation of the CETPs': Not Applicable in view of above.

Town	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (*existing, under construction & proposed*)
Not Applicable				

V. Solid Waste Management:

- Total number of Urban Local Bodies and their Population: *As referred in last MPR.*

- Current Municipal Solid Waste Generation: **880 tons per day (TPD)** – Solid waste treatment plant with 250 tons per day (TPD) capacity is fully operational at Saligao which caters to the waste being generated from coastal-stretch of North Goa district among other selective areas.

- Number, installed capacity and utilization of existing MSW processing facilities in TPD (*bifurcated by type of processing e.g.- Waste to Energy (Tonnage and Power Output*), Compost Plants (*Windrow, Vermi, decentralized pit composting*), biomethanation, MRF etc., *(related to 'centralised' solid waste sorting, baling and onward processing facilities operated by the Goa Waste Management Corporation (GWMC)* **Refer Annexure – A**.

- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%): **Refer Annexure – B** *(related to setting-up of common waste-treatment facilities including Hazardous / Biomedical / Construction and Debris / E-waste facilities).*

- No. and capacity of C&D waste processing plants in TPD (*existing, proposed and under construction*): State has earlier proposed 500-TPD capacity C & D waste processing plant to be set up at Cudchirem in Bicholim, North Goa district. However, due to revenue-related litigations, GWMC has also initiated process for identifying an alternate land for C&D facility in Tuem in Pernem taluka of North Goa district and has also proposed to take over the land in Survey no.120 & Sy. No. 125 in Tuem Village, which is the revenue dept land / Govt. land for setting up a C& D waste facility.

- Total no. of wards, no. of wards having door-to-door collection service, no. of wards practicing segregation at source (*village Panchayat-level*): *189 village panchayats.*

- Details of MSW treatment facilities proposed and under construction (*no., capacity, and technology*): **Refer Annexure – B.**

- No. and area (*in acres*) of uncontrolled garbage dumpsites and Sanitary Landfills.: **N.A.**

- No. and area (*in acres*) of legacy waste within 1-km buffer of both sides of the rivers: **Nil.**

- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers: Nil.

Status of ULB wise Management of Solid Waste

ULB	Total MSW generation in TPD	Total MSW being processed in TPD	Existing MSW facilities	Utilization Capacity of the existing MSW facilities	Proposed MSW Facilities & Completion Timeline
As referred in MPR for the last-month.					

VI. Bio-medical Waste Management: *As per Annual report for the calendar year - 2025*

- Total Bio-medical waste generation during the year 2025: by bedded hospitals – 3,415.33 kg. per day and non-bedded hospital – 409.02 kg. per day

- No. of Hospitals and Health Care Facilities: **Refer Annexure – C.**

- Status of Treatment Facility / CBMWTF: **Common Biomedical waste treatment facility is operational at Kundaim and is operated by M/s Biotic Waste Solutions Pvt. Ltd.,** since October 2021.

VII. Hazardous Waste Management: *As per Annual report for the calendar year - 2025*

- Total Hazardous Waste generation:
  (a) Incinerable waste: 1,613.49 TPA
  (b) Land-fillable waste: 11,736.40 TPA
  (c) Recyclable waste: 3,354.98 TPA
  Total: 16,704.87 TPA.

- No. of Industries generating Hazardous waste :**1,628 nos.**

- Treatment Capacity of all TSDFs :**16,846 metric tons per year.**

- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated: Recyclable waste is disposed-off to recycling industries. While, incinerable and Landfilable wastes (*about 250 MT*) are treated at common HW facility at Pissurlem being operated by M/s Ponda Envirocare.

- Details of HW-TSDF established: **The State has set-up Common Hazardous Waste Treatment Facility at Pissurlem Industrial Estate for landfillable and incinerable wastes**.

VIII. Plastic Waste Management: ***As per Annual report for the calendar year - 2025***

- Total Plastic waste generation: **35,414.67 Tons**.
  Total Plastic waste collected: **31,142.99 Tons.**
  Total Plastic waste channelised for recycling: **8,602.18 Tons**
  Refused Derived Fuel (RDF): **31,903.45 Tons**
  RDF used in Co-processing in cement plants**: 26,836.40 Tons**

- Treatment/ Measures adopted for reduction or management of plastic waste: Establishment of Common Material Recovery facility (MRF) as well as Baling facilities at Cacora and Bicholim (*02) nos.*).

IX. Details of Alternate Treatment Technology being adopted by the State/UT: **The State has set-up Plastic-to-Fuel plant at Pernem Municipal Council (*North Goa*).**

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment: **There is no industrial discharge within any of the polluted river-stretches.**

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT: **Secretary, Environment is a Nodal Officer to be assisted by Director, Department of Environment & Climate Change (DoE & CC), Goa.**

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: **NGT matter related to O.A 606 of 2018 has been disposed-off by the NGT, Principal Bench vide its Order dated 2nd March 2023.**

XIII. Latest water quality of polluted river, its tributaries of polluted river; Although the CPCB has re-assessed the number of polluted river stretches (September 2025) in the **State of Goa** wherein number **has reduced the polluted river stretches (PRSs') from 11 stretches in 2018 to 06 stretches in 2022 and 02 in September 2025**. However, water-quality at all river stretches along with the brief interpretation may be referred at **refer Annexure – D.**

XIV. Ground water regulation: (a) Ground Water Act, 2002 is enacted in the State of Goa, (b) Ground water extraction is being monitored, (c) It is mandatory to register all the ground water structures in the State, (d) Commercial ground water extraction is levied with water tax, (e) Goa is declared as 'Safe zone' under the Ground water development by the Central Ground Water Board (CGWB), (f) guidelines issued by the Central Ground Water Board (CGWB) is implementd. **Expected level of compliance – 80%, Actual compliance – 70%. Target – December 2027** *(target revised from December 2026 to December 2027).*

XV. Good irrigation practices being adopted by the State: Water User Associations (WUAs') are formed to economise the use of water. - Expected level of compliance: 90%, **Actual compliance: 90%.**

XVI. Rainwater Harvesting: Industries are being encouraged to adopt to rainwater harvesting. Due to excessive rainfall, shortage of land and groundwater being in ample quantity, not many takers. Expected level of compliance: 100%, **Actual compliance: 100%** *(floodplain demarcation completed)***.**

XVII. Demarcation of Floodplain and removal of illegal encroachments **-** Expected level of compliance: 100%, **Actual compliance: 100%, Target: Achieved** (*Demarcation completed*).

XVIII. Maintaining minimum e-flow of river: Rivers are perennial. Rivers are perennial, no issue of e-flow in major rivers.

XIX. **Plantation activities along the rivers**: Not applicable

XX. **Development of Biodiversity Park**: Not applicable

XXI. **Reuse of Treated Water**: The State has prepared an Action Plan for usage of Treated Wastewater from Sewage Treatment Plants (STPs') and has submitted the same to the CPCB**. Recently, the State, through the Sewerage Infrastructure Development Corporation of Goa Limited (SIDCGL) has conceptualised a Draft Policy for Reuse of Treated Wastewater in June 2026. Awaiting inputs / comments from other stakeholder departments prior to finalise the same.**

XXII. **Model River being adopted by the State** & Action proposed for achieving the bathing quality standards: River Sal and river Valvanti. Polluting drains joining the river are being identified treated / filtered. De-weeding and De-silting have been proposed including aeration of the stored water. **Expected level of compliance: 100%. Actual compliance: 100%.**

XXIII. **Status of Preparation of Action Plan**: The CPCB, based on water-quality (*i.e. Biochemical Oxygen Demand – BOD*) of rivers, has revised the polluted river stretches (PRSs') in September 2025. Accordingly, **State of Goa has reduced number of PRSs' to only 02 as compared to 06 nos. (2022) / 11 nos. (in 2018)**. **The further follow-up / progress has been reviewed during the last River Rejuvenation Committee *(i.e. 35th RRC-Goa)* meeting held under the Chairmanship of Secretary, Environment on 14th August 2026.**

XXIV. **Regulation of Mining Activities in the State/UT**: It is being monitored as per Hon'ble Supreme Court Directives through the Department of Mines and Geology (DMG).

XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring: Ground water and river waters are monitored under Goa Ground Water Act, 2002 and Goa Irrigation Act, 1973 respectively by Ground Water and Canal Officers respectively : not applicable.

Annexure A

Solid waste sorting, baling and onward processing facilities operated by the Goa Waste Management Corporation (GWMC).

	Total Waste generation is 880 TPD	
	Capacity	**Total Waste Capacity** *(in TPD)*
1	**Existing Capacity Municipal Councils / Corporation**	**200 +/- 75**
2	**Existing Village Panchayat Treatment Facility**	**35 +/- 25**
3	**GWMC Saligao Facility (250 TPD +20%)**	**300**
4	**GWMC Cacora Facility (100 TPD + 25%)**	**125**
5	**Village Panchayat MRF, GWMC Baling Stations etc.,**	**110 +/- 15**
	Total Existing Capacity	**880**

Annexure B

Note: Facility at Sr. no. 1 & 2 are constructed considering the future increase in waste generation and not for any present gap in MSW treatment.

Sr. No	Name of facility	Capacity	Status as in August 2026	Status in September 2026	Timeline
1	**Integrated Solid Waste Management Facility- Bainguinim**	Capacity: 100 TPD (+25%) Catering to: Tiswadi & Ponda Talukas	The GWMC Board and expert committee had decided to re-float the RFQ 100 TPD SWMF at Bainguinim with revised estimates as 2 years has completed since RFQ and re-floating RFQ would attract more bidders. Hence, GWMC floated revised RFQ on 11/08/2025. Bids were opened on 12/11/2025. Currently bids are undergoing scrutiny. Total 6 bids have been received. **GWMC committee visited the facilities of successful bidders for evaluation. Further tender process in progress.** A Civil Appeal No. 4983 of 2021 with interlocutory application no. 105533 of 2021 (application for stay) has been instituted in Hon'ble Supreme Court of India by Bainguinim Citizen Forum V/s GWMC & others. Hearing was on 17/11/2021 &	**As per the status in August 2026.** **Further, GWMC has floated a tender for Selection of Project Management Consultant for Providing Consultancy Services for Establishment Of 100 TPD Solid Waste Management Facility at Bainguinim on 28th Sept**	**18 Months from date of issue of work order** **Proposed timeline to be decided post-verdict of Hon'ble Supreme Court case.** **PMC tender to be opened (Technical) on 28th October 2026**

			21/04/2022 and case has been admitted in Supreme Court. Further GWMC has floated a tender for engaging.		
2	**Solid Waste Management Facility – Verna (*250 TPD* + *20%*) & 250 TPD Waste to Energy Facility**	Capacity 250 TPD (+20%) Catering to Mormugao & Salcete Talukas	Awaiting environmental clearance (EC) from Goa-SEIAA. The Department of Environment had requested GWMC to submit a fresh EC application on the PARIVESH 2.0 portal, as the earlier proposal submitted on PARIVESH 1.0 has been delisted and the PARIVESH 1.0 portal is scheduled to be decommissioned. Accordingly, the consultant the updated EIA Report, including additional studies, on the PARIVESH 2.0 portal on behalf of GWMC, subsequent to the extension of ToRs and GWMC submitted the same on PARIVESH 2.0 portal on 30/10/2025. Further, GSEIAA has raised EDS (Essential Details Sought) on portal. GWMC is in process of compilation for the same.	**No change**	Upon grant of Environmental Clearance (EC), GWMC shall float tender for SWMF 250 TPD

Annexure C

Total Number of Health Care Facilities (HCFs') / Occupiers:
(as per Annual Report for the calendar year – 2025)

- Bedded hospitals and Nursing homes – 83 nos. (total beds – 5,478)
  Biomedical waste generated by bedded hospitals – 3,415.33 kg./day
  Biomedical waste generated by non-bedded hospitals – 409.02 kg/day
- Clinics / dispensaries – 562 nos.
- Veterinary Institutions – 45 nos.
- Animal house – Nil
- Pathological laboratories – 107
- Blood banks – 01 no. (in Goa Medical College & Hospital)
- Clinical establishments – Nil
- Research institutions – 11 nos.
- AYUSH – 15 nos.
- Total Biomedical waste treated – 3,824.35 kg/day
- Total treated biomedical wastes disposed-off through authorised recyclers – 2,712.30 kg/day.
- Goa has 102 facilities provided by the private healthcare with a total bed capacity of 2,443.
- Goa has one Dental college / one AYUSH hospital under public healthcare.

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Annexure D

River water quality in the month of September 2026

RIVER CHAPORA NEAR ALORNA FORT, PERNEM			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class - C rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.21	6.0-9.0
2	Dissolved Oxygen (mg/l)	7.6	4 mg/l or more
3	BOD (mg/l)	BDL	3 mg/l or less
4	Total Coliform (MPN/100ml)	1300	5000 or less MPN/100ml
5	Fecal Streptococci (MPN/100ml)	170	-
Remarks: All parameters are within permissible limits			

RIVER CHAPORA NEAR SIOLIM BRIDGE			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for SW - II rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.81	6.5-8.5
2	Turbidity (NTU)	3.68	30 NTU
3	Dissolved Oxygen (mg/l)	7.4	4 mg/l or more
4	BOD (mg/l)	BDL	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	450	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	130	-
Remarks: Fecal Coliform parameters are exceeding the permissible limits			

RIVER TIRACOL AT KERI, PERNEM			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for SW - II rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.74	6.5-8.5
2	Turbidity (NTU)	10.17	30 NTU
3	Dissolved Oxygen (mg/l)	4.8	4 mg/l or more
4	BOD (mg/l)	BDL	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	780	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	170	-
Remarks: Fecal Coliform parameters are exceeding the permissible limits.			

RIVER BICHOLIM BARAZAN NAGAR, BICHOLIM			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class - C rivers as per CPCB classification based on designated best use of rivers**
1	pH	6.73	6.0-9.0
2	Dissolved Oxygen (mg/l)	6.7	4 mg/l or more
3	BOD (mg/l)	1.6	3 mg/l or less
4	Total Coliform (MPN/100ml)	1300	5000 or less MPN/100ml
5	Fecal Streptococci (MPN/100ml)	200	-
Remarks: All parameters are within permissible limits.			

RIVER MANDOVI AT TONCA MARCELA			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class SW - II rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.19	6.5-8.5
2	Turbidity (NTU)	3.97	30 NTU
3	Dissolved Oxygen (mg/l)	6.3	4 mg/l or more
4	BOD (mg/l)	1.3	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	450	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	140	-
Remarks: Fecal Coliform parameter is exceeding the permissible limits.			

RIVER SINQUERIM, CANDOLIM SIDE			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for SW - II rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.73	6.5-8.5
2	Turbidity (NTU)	8.39	30 NTU
3	Dissolved Oxygen (mg/l)	2.8	4 mg/l or more
4	BOD (mg/l)	BDL	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	780	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	200	-
Remarks: Dissolved Oxygen and Fecal Coliform parameter is exceeding the permissible limit.			

RIVER SINQUERIM, NEAR GANPATI TEMPLE			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for SW - II rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.72	6.5-8.5
2	Turbidity (NTU)	7.7	30 NTU
3	Dissolved Oxygen (mg/l)	3.2	4 mg/l or more
4	BOD (mg/l)	2.2	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	450	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	170	-
Remarks: Dissolved Oxygen and Fecal Coliform parameter is exceeding the permissible limit.			

RIVER ASSANORA AT ASSANORA			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class - C rivers as per CPCB classification based on designated best use of rivers**
1	pH	6.21	6.0-9.0
2	Dissolved Oxygen (mg/l)	6.0	4 mg/l or more
3	BOD (mg/l)	BDL	3 mg/l or less
4	Total Coliform (MPN/100ml)	2000	5000 or less MPN/100ml
5	Fecal Streptococci (MPN/100ml)	210	-
Remarks: All parameters are within permissible limit			

RIVER VALVANTI AT SANQUELIM			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class - C rivers as per CPCB classification based on designated best use of rivers**
1	pH	6.05	6.0-9.0
2	Dissolved Oxygen (mg/l)	6.0	4 mg/l or more
3	BOD (mg/l)	BDL	3 mg/l or less
4	Total Coliform (MPN/100ml)	450	5000 or less MPN/100ml
5	Fecal Streptococci (MPN/100ml)	140	-
Remarks: All parameters are within permissible limit.			

RIVER ZUARI AT MADKAI JETTY			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for SW - II rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.73	6.5-8.5
2	Turbidity (NTU)	11.24	30 NTU
3	Dissolved Oxygen (mg/l)	5.0	4 mg/l or more
4	BOD (mg/l)	BDL	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	450	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	170	-
Remarks: Fecal Coliform parameter is exceeding the permissible limit.			

RIVER ZUARI AT BORIM BRIDGE			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for SW - II rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.0	6.5-8.5
2	Turbidity(NTU)	6.3	30 NTU
3	Dissolved Oxygen (mg/l)	4.6	4 mg/l or more
4	BOD (mg/l)	BDL	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	450	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	140	-
Remarks: Fecal Coliform parameter is exceeding the permissible limit.			

RIVER KHANDEPAR, OPA, PONDA			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class - C rivers as per CPCB classification based on designated best use of rivers**
1	pH	6.81	6.0-9.0
2	Dissolved Oxygen (mg/l)	7.4	4 mg/l or more
3	BOD (mg/l)	BDL	3 mg/l or less
4	Total Coliform (MPN/100ml)	930	5000 or less MPN/100ml
5	Fecal Streptococci (MPN/100ml)	130	-
Remarks: All parameters are within the permissible limits.			

RIVER KHANDEPAR, CODLI			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class - C rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.25	6.0-9.0
2	Dissolved Oxygen (mg/l)	7.0	4 mg/l or more
3	BOD (mg/l)	BDL	3 mg/l or less
4	Total Coliform (MPN/100ml)	1300	5000 or less MPN/100ml
5	Fecal Streptococci (MPN/100ml)	140	-
Remarks: All parameters are within the permissible limits.			

RIVER TALPONA AT CANACONA			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class - C rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.0	6.0-9.0
2	Dissolved Oxygen (mg/l)	8.2	4 mg/l or more
3	BOD (mg/l)	BDL	3 mg/l or less
4	Total Coliform (MPN/100ml)	1200	5000 or less MPN/100ml
5	Fecal Streptococci (MPN/100ml)	170	-
Remarks: All parameters are within the permissible limits.			

RIVER SAL AT KHAREBAND, MARGAO			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class SW - II rivers as per CPCB classification based on designated best use of rivers**
1	pH	6.81	6.5-8.5
2	Turbidity (NTU)	8.21	30 NTU
3	Dissolved Oxygen (mg/l)	5.2	4 mg/l or more
4	BOD (mg/l)	BDL	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	$40x10^2$	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	260	-
Remarks: Fecal coliform parameter is exceeding the permissible limits.			

RIVER SAL AT MOBOR			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class SW - II rivers as per CPCB classification based on designated best use of rivers**
1	pH	6.91	6.5-8.5
2	Turbidity (NTU)	1.72	30 NTU
3	Dissolved Oxygen (mg/l)	4.3	4 mg/l or more
4	BOD (mg/l)	2.3	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	450	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	170	-
Remarks: BOD and Fecal coliform parameter is exceeding the permissible limits.			

RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI

Sr. No.	Parameters	Sept. 2026	Limit for class SW - II rivers as per CPCB classification based on designated best use of rivers
1	pH	6.69	6.5-8.5
2	Turbidity (NTU)	10.40	30 NTU
3	Dissolved Oxygen (mg/l)	5.1	4 mg/l or more
4	BOD (mg/l)	BDL	3 mg/l or less
5	Fecal Coliform (MPN/100ml)	680	100 or less MPN/100ml
6	Fecal Streptococci (MPN/100ml)	140	-
Remarks:Fecal Coliform parameters are exceeding the permissible limit.			

RIVER KALNA AT CHANDEL, PERNEM			
Sr. No.	**Parameters**	**Sept. 2026**	**Limit for class - C rivers as per CPCB classification based on designated best use of rivers**
1	pH	7.25	6.0-9.0
2	Dissolved Oxygen (mg/l)	7.7	4 mg/l or more
3	BOD (mg/l)	BDL	3 mg/l or less
4	Total Coliform (MPN/100ml)	1100	5000 or less MPN/100ml
5	Fecal Streptococci (MPN/100ml)	170	-
Remarks: All parameters are within the permissible limits.			

NOTE:

BDL- Below Detection Limit

ANNEXURE - E

Status of Remediation of Legacy dumps

GWMC undertook remediation in two phases (Phase-1 had 11 sites and Phase-2 had sites). The details of remediation are as below

Update of the Remediation of Legacy Waste Dump sites in the State of Goa (Phase I) as in September 2026

(No Change as compared to last month as during Monsoon, no remediation is being undertaken)

Sr. No.	Name of the Local Body	Location of dump	Volume remediated till date	Qty of RDF Disposed (m^3)	Qty of Inert/ Compost Disposed(m^3)	Status of Work
1	Corporation of the City of Panaji	Campal-Attachment Point No. 290	5,305	3,168	2,070	**Completed**
2	Corporation of the City of Panaji	Behind SBI, EDC, Patto-attachment Point No. 287	2,606	308	2,239	**Completed**
3	Corporation of the City of Panaji	Near Divja Circle, Panaji-Attachment Point No. 288	569	89	424	**Completed**
4	Margao Municipal Council	Sonsoddo dump site, Margao	1,86,234	96,782	84,539	**Completed**
5	Mormugao Municipal Council	Headland Sada dump site, Mormugao	96,530	37,729	52,673	**Rescreening ongoing** (*RDF disposal pending*)
6	Mapusa Municipal Council	Assagao Dump site, Mapusa	1,55,333	62,476	58,588	**Completed**
7	Cuncolim Municipal Council	Dumpsite at Cuncolim IDC	4,955	Disposed (Quantity under verification)	2,340	**Completed**
8	Canacona Municipal Council	Dumpsite at Garbage Treatment Plant at Dumane Shristhal	~3129	844	~2200	**Completed**
9	Corporation of the City of Panaji	Curca-Attachment Point No. 289	8622	2264	-	**Remediation completed**
10		Adjacent to the garbage	3,395	Pending	2256	**Rescreening Completed**

	Bicholim Municipal Council	Treatment Plant, Lakherem in Sy. No.109/0.				(*RDF disposal pending*)
11	Pernem Municipal Council	At garbage Treatment Plant of Pernem Municipal Council	317	Disposed (Quantity under verification)	119	**Completed**
Total			**4,66,995**	**2,03,660**	**2,07,448**	

Note: Remediation at all 11 sites was completed, however RDF disposal pending at 2 sites. The contractor M/s. CAM Industrial Services has been terminated from Remediation Phase I contract after giving several extensions for completion of project (i.e., disposal of RDF).

The status of Phase II remediation work is as below:

Sr. No	Name of the ULB's/Local Body under Jurisdiction	Location of dump	Volume remediated (m^3)	RDF disposed (m^3)	Inerts and compost Disposed (m^3)	Status of work
1	Mapusa Municipal Council	Assagao dumpsite, Mapusa	**31368.63**	**18922.75**	**9657.00**	**Completed**
2	Pernem Municipal Council	Pernem dumpsite	**693.50**	**445.82**	**250.00**	**Completed**
3	Curchorem Cacora Municipal Council	Cacora dumpsite	**17985.13**	**11541.88**	**5315.00**	**Completed**
4	Mormugao Municipal Council	Headland Sada dumpsite	**21872.54**	**8671.66**	**12691.00**	**Completed**
5	Taleigao, Panchayat, Tiswadi Taluka.	Taleigao dumpsite	**26,359.48**	**21,028.274**	**4,987.43**	**Completed**

Additional site:

6	Margao Municipal Council	Waste inside the Sonsoddo MSW shed, Sonsoddo	**8929.51**	**5201.28**	**3480.00**	**Completed**
7	Corporation of the City of Panjim	Curca dumpsite	***9562.36***	**3552.00**	**4781.18**	**Completed**
TOTAL			**1,16,771.15**	**69,363.66**	**41,161.61**	

Additional site:

6	Margao Municipal Council	Waste inside the Sonsoddo MSW shed, Sonsoddo	**8,929.51**	**5,201.28**	**3,480**	**Completed**
7	Corporation of the City of Panaji	Curca dumpsite	~6,000 *(Survey quantity pending)*	~1500	~3000 *Presently stored at site*	**Remediation and disposal work in progress**

Under Phase II tender, considering the all 7 dumpsites:
Total quantity remediated till date – ~**1,11,849.31** cubic meters

Total RDF disposed till date - ~**57,611.73** cubic meters

Total Inerts and compost disposed till date - ~**37,987** cubic meters

Total Quantity remediated by GWMC
Total quantity remediated till date – 5,83,765 m^3
Total RDF disposed till date : 2,73,922 m^3
Total Inerts and compost disposed till date : 2,48,339 m^3