E-mail: paribesh1@ospcboard.org
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STATE POLLUTION CONTROL BOARD, ODISHA

[DEPARTMENT OF FOREST, ENVIRONMENT AND CLIMATE CHANGE, GOVERNMENT OF ODISHA]
Paribesh Bhawan, A/118, Nilakantha Nagar, Unit – VIII
Bhubaneswar – 751 012

No. 16434 / VISC(LEM)Proj-304 (Vol-X) /25-26 Date : 02.11.2026

Email: ed-technical@nmcg.nic.in
ruby.raju@nmcg.nic.in

To

Executive Director, Technical
National Mission for Clean Ganga,
Department of Water Resources, River Development & Ganga Rejuvenation,
Ministry of Jal Shakti, 1st Floor, Major Dhyan Chand National Stadium,
India Gate, New Delhi – 110002

Sub: Submission of Monthly Progress Report for August, 2026 related to Control of River Pollution – Reg.

Ref : (1) Email dtd. 08.10.2020
(2) NRCD Email on 26.01.2023

Sir,

In inviting reference to above subject, the Monthly Progress Report for the month of August, 2026 in the matter of O.A. 673 of 2018 is enclosed herewith for your kind information and necessary action.

Yours faithfully,

Encl : As above

Member Secretary

Memo No. 16435 **Dt.** 02.11.2026

Copy forwarded to Sri J.C. Babu, Addl. Director, Central Pollution Control Board, Paribesh Bhawan, East Arjun Nagar, New Delhi-110032 for kind information and necessary action.

Encl : As above

OSD-cum-Chief Env. Scientist (Lab)

Memo No. 16436 **Dt.** 02.11.2026

Copy forwarded to Director, Env.-cum. Spl. Secretary to Government, Forest, Environment and Climate Change Department, Govt. of Odisha for kind information and necessary action.

Encl : As above

OSD-cum-Chief Env. Scientist (Lab)

Contd..

Memo No. 16437 **Dt.** 02.11.2026

Copy forwarded to the Engineer-in-Chief, Water Resource Department, Government of Odisha through mail (eic-wr.od@od.gov.in) for kind information.

Encl : As above

OSD-cum-Chief Env. Scientist (Lab)

Memo No. 16438 **Dt.** 02.11.2026

Copy forwarded to The Additional Secretary to Govt. & Additional Mission Director, SBM (Urban), H & UD Department through mail (sanitationhud@gmail.com) for kind information.

Encl : As above

OSD-cum-Chief Env. Scientist (Lab)

Memo No. 16439 **Dt.** 02.11.2026

Copy forwarded to the Member Secretary, Orissa Water Supply and Sewerage Board through mail (msowssb@gmail.com) for kind information.

Encl : As above

OSD-cum-Chief Env. Scientist (Lab)

Memo No. 16440 **Dt.** 02.11.2026

Copy forwarded to Addl. Chief Environmental Scientist, In-charge of Waste Management Cell, State Pollution Control Board through mail (swm@ospcboard.org) for kind information.

Encl : As above

OSD-cum-Chief Env. Scientist (Lab)

Memo No. 16441 **Dt.** 02.11.2026

Copy forwarded to Er. Mamata Patnaik, System Administrator, State Pollution Control Board, Odisha through mail (paribesh1@ospcboard.org) for information and taking action to upload the MPR in RRC website (www.rrcodisha.com)

Encl : As above

OSD-cum-Chief Env. Scientist (Lab)

Status of Polluted river stretches identified during 2022

Priority category during 2022 (CPCB Publication "Polluted river stretches for restoration of Water Quality-2022")				Action plan under implementation / proposed*	**Present status**			
River	**Name of Polluted River Stretch**	**Priority**	**Numbers**		**2022 (Jan-Dec) (BOD mg/L, max)**	**2023 (Jan-Dec) (BOD mg/L, max)**	**2024 (Jan-Dec) (BOD mg/L, max)**	**2025 (Jan- Dec) (BOD mg/L, max)**
Gangua nallah	Gangua nallah along Bhubaneswar	I	1	Action plan has been approved by CPCB and under implementation may be downloaded fromthe weblink :www.rrcodisha.org/ action- plan/	Priority-III (16.0)	Priority-III (18.0)	Priority-III (16.0)	Priority-III (20.0)
Daya	Daya along Narankheta to Kanas	IV	3		Priority-V (5.6)	Priority-V (4.8)	Priority-V (4.4)	Priority-V (5.0)
Kuakhai	Kuakhai along Bhubaneswar	IV			Clean (1.9)	Clean (1.8)	Clean (2.1)	Clean (2.2)
Mangala	Mangala along Golasahi	IV			Priority-V (4.4)	Priority-V (3.6)	Clean (2.8)	Priority-V (4.8)
Kathajodi	Kathajodi along Cuttack	V	3		Priority-V (4.4)	Priority-V (4.2)	Priority-V (3.9)	Priority-V (3.8)
Serua	Serua along Sankhatrasa	V			Priority-V (4.2)	Priority-V (3.9)	Priority-V (3.7)	Priority-V (3.7)
Brahmani	Brahmani along Rourkela	V			Priority-V (5.7)	Priority-V (5.3)	Priority-V (4.3)	Priority-V (4.8)

Status of Polluted river stretches identified during 2025

Priority category during 2025 (CPCB Publication "Polluted river stretches for restoration of Water Quality-2025")				**Present status**	
River	**Name of Polluted River Stretch**	**Priority**	**Numbers**	**2025 (Jan- Dec) (BOD mg/L, max)**	**2026 (Jan- August) (BOD, mg/L, max)**
Gangua nallah	Gangua nallah along Bhubaneswar	III	1	Priority-III (20.0)	Priority-III (20.0)
Daya	Daya along Narankheta to Kanas	V	5	Priority-V (5.0)	Priority-V (4.6)
Mangala	Mangala along Golasahi	V		Priority-V (4.8)	Clean (2.8)
Kathajodi	Kathajodi along Cuttack	V		Priority-V (3.8)	Priority-V (3.9)
Serua	Serua along Sankhatrasa	V		Priority-V (3.7)	Priority-V (3.6)
Brahmani	Brahmani along Rourkela	V		Priority-V (4.8)	Priority-V (4.4)

National Mission for Clean Ganga

Format for submission of Monthly Progress Report in the NGT Matter OA No. 673 of 2018 (in compliance to NGT order dated 24.09.2020) For the State of ODISHA for the month of August , 2026

Overall status of the State:

I. Total Population: Urban Population & Rural Population separately

As per Census 2011,

Total population of Odisha is	:	4,19,74,218
Urban population is	:	70,03,656
Rural population is	:	3,49,70,562

II. Estimated Sewage Generation (MLD):

Sewage, septage and greywater generation in the State :

Based on total water supply to the 115 ULBs in the state which is approximately 1100 MLD, wastewater generation has been calculated as (i) at 80% of the total water supply in 5 sewer cities, (ii) 65% in non-sewered towns, (iii) 0.21 LPCD of black water (Septage) in non-sewered towns which comes around 780 MLD

a. Five cities in Odisha have sewage collection and treatment system – These cities are Bhubaneswar, Cuttack, Sambalpur, Rourkela and Puri. Total Wastewater generation from these five sewered ULBs is 333.40 MLD for the lsat year 2025 (1.Bhubaneswar Municipal Corporation (122.04 MLD), 2. Cuttack Municipal Corporation (88.57 MLD), 3.Sambalpur Municipal Corporation (48.73 MLD), 4. Rourkela Municipal Corporation (44.95 MLD), 5. Puri Municipality (29.11 MLD)

b. In remaining 110 ULBs de-centralized non-sewer approach has been adopted for liquid waste management. The faecal sludge, from onsite sanitation system, is collected and transported mechanically and are treated in FSTPs in all the 110 ULBs. Further FSTPs have been set up in 5 sewered cities to cater to peri-urban areas and household not connected to sewer.
Total FS generated in 115 ULBs – 1264 KLD (As on 30th November 2025)

c. Grey water management is being taken up in all the 110 non-sewered ULBs.
Total grey water generated in 110 ULBs – Data for the month August, 2026 not furnished by OWSSB.

III <u>Details of Sewage Treatment Plant:</u>

- Existing no. of STPs and Treatment Capacity (in MLD):12 STPs (in 5 sewered city): 373.50 MLD
  WWTP (in Non-sewered city at Talcher) : 2 MLD
- STPs under Construction : Nil
- Total Number of STPs and Treatment Capacity (in MLD): 12 STPs : 373.50 MLD
- Capacity Utilization of existing STPs: 188.2 MLD
- Sewage being treated through Alternate technology: [Faecal Sludge Treatment Plant (FSTP)]
  - Total number of FSTPs and Treatment capacity : 120 FSTPs : 2087 KLD (2.087 MLD)

(i) Total Wastewater generated in the State : 780 MLD

Total wastewater generated in 5 ULBs : 333.40 MLD

(ii) Capacity for treatment through 12 STPs : 373.50 MLD

(iii) Capacity for treatment through 120 FSTPs : 2.087 MLD

(iv) Total capacity for treatment through 12 STPs and 120 FSTPs : 375.59 MLD

- Grey Water Management System

Quantity of Grey water generated – Data for the month August, 2026 not furnished by OWSSB

Capacity of grey water treatment in WWTP (1 no at Talcher) – 2 MLD

No. of Operational STPs: 12 STPs

(1 STP of 33 MLD capacity at Mattagajpur, Cuttack is under shutdown as drainage network under JICA is under progress)

- No. of Complying STPs 12 STPs
- No. of non-complying STPs : Nil
- No. of Under Construction STPs : Nil

- **Grey Water Management in Odisha**

In all the 115 ULBs, FSTPs have been provided for treatment of faecal sludge from onsite sanitation systems. 120 FSTPs have been commissioned.

For grey water management in the ULBs, on the basis of learning from the pilot conducted in 4 geographical areas of two cities- Jatni (M) and Dhenkanal (M), and recommendation of the Expert Committee formed as per the direction of the Hon'ble NGT, Scale-up strategy and Toolkit has been developed for the city-wide scale up of Grey water management in the State.

Interventions are to be provided at four different levels as mentioned below:

1. Household level - Magic Soak pits can be provided at household level
2. Lane level - Hybrid leach pits with absorption trenches can be provided in lanes.
3. Community level—Constructed Wetland can be provided at community level wherever space is available.
4. Outfall level - For the left-over water which is received at outfall points of the drains due to non-availability of space at household, lane and community level following technologies can be adopted depending on the situation-Waste stabilization pond and maturation pond, Constructed Wetland or Facultative aerated lagoons. CPHEEO manual can also be referred for adopting other nature-based technologies at the outfall point.

Management of grey water at household and lane level is absorption-based structures. The treated water from community level treatment and at outfall level treatment will conform to the general discharge norms of CPCB/MoEF & CC.

For Grey Water Management, following steps have been taken.

a. Approval has been obtained for implementation of Grey Water Management (GWM) in 110 ULBs excluding 5 ULBs having sewerage system.
b. After successful implementation of grey water management pilot project at Dhenkanal and Jatni, the work has been taken up in 11 lighthouse ULBs namely, Angul, Balasore, Bargarh, Chatrapur, Dhenkanal, Hinjilcut, Jatni, Jajpur, Keonjhar, Koraput, Nayagarh. The lane level, community level intervention has been identified and work has been started in the lighthouse ULBs since June 2023.
c. Each ULB is having a Project Implementation Unit (PIU) for implementation of GWM. The ULB level PIU consists of GWE, M&E Expert, GIS Expert & TULIP Engineers.
d. A state level PMU is constituted to monitor and handhold the grey water management programme in different ULBs of the state.
e. Senior Officials of H & UD Deptt. has been trained on GWM and assigned mentorship to different ULBs of Odisha.
f. Household, lane & drain, survey & data collection is under progress in 99 ULBs. Outfall identification for outfall level intervention is in progress in 99 ULBs.
g. Identification of Lands for outfall level intervention is in progress for 11 light house ULBs.
h. Construction of lane level and outfall level intervention are in progress at 11 nos. (Angul, Baragarh, Balasore, Chhatrapur, Dhenkanal, Hinjlicut, Jatni, Jajpur, Keonjhar, Koraput, Nayagarh) of lighthouse ULBs and outfall level intervention progress in 9 nos. (Angul, Baragarh, Dhenkanal, Nayagarh, Balasore, Chhatrapur, Hinjlicut, Jatni, Koraput) of lighthouse ULBs respectively.
i. Collection & testing of water samples & soil samples from 6 ULBs of Odisha i.e. Angul, Dhenkanal, Jatni, Hinjlicut, Nayagarh & Jajpur Municipality has been completed and report obtained from SPCB Odisha.
j. Scaling of GWM in all 110 ULBs have been taken up since November 2023.

The timeline for implementation of GWM in all 110 ULBs is December 2028.

Details of each existing STP in the State

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP
	Cuttack				
1	CDA-Bidanasi area	36 MLD	28.42 MLD	O & M by OISIP, JICA, Cuttack	Running Smoothly
2	Mattagajpur	33 MLD	0	O & M by WATCO	STP is under shut down as drainage work is going on JICA project
3	Mattagajpur	16 MLD	14.64 MLD	O & M by OISIP, JICA, Cuttack	Running Smoothly
	Puri				
4	Mangalaghat	15 MLD	15 MLD	O & M by WATCO	Running Smoothly
5	Bankimuhan	10 MLD	10 MLD		Running Smoothly
	Bhubaneswar				
6	Meherpalli	56 MLD	16.8 MLD	O & M by WATCO	Operational since December, 2020
7	Basuaghai	28 MLD	13.2 MLD		
8	Kochilaput	43.5 MLD	18.3 MLD		
9	Paikarapur	8 MLD	6.1 MLD		
10	Rokat	48 MLD	26.64 MLD	JICA	Commissioned on 31.12.2022
	Rourkela				
11	Ruptala Balughat	40 MLD	17.1 MLD	Partly Commissioned since Feb, 2021 O & M by WATCO from June, 2022	Running Smoothly
	Sambalpur				
12	Sambalpur	40 MLD	22 MLD	WATCO from 21.3.2023	Interception and Diversion of Dhobijhor nallah
Total : 12 STPs		**373.50 MLD**	**188.2 MLD**		

Details of partly commissioned/ under construction STPs in the State

Sl. No	No. of STPs	Location	Capacity of the plant in MLD	Physical Progress in %	Status of I&D or House sewer connections (in nos.)	Completion Timeline
1	5	**Bhubaneswar**				
		Rokat, Bhubaneswar	48	Commissioned on 31.12.2022	22739	Network- Completed: House Sewer Connection : June, 2027
		Meherpalli, Bhubaneswar	56	Commissioned 01.08.2021	16777	
		Basuaghai, Bhubaneswar	28		10706	
		Kochilaput, Bhubaneswar	43.5		1759	
		Paikarapur, Bhubaneswar	8		782	
2	**2**	**Cuttack**				
		Mattagajpur (ASP)	16	Commissioned since 01.3.2022	45980	Network : Completed House Sewer connection- June, 2027
		CDA, Cuttack	36	Commissioned since 27.11.2019		
3	1	**Sambalpur**	40	STP is commissioned during December, 2022 and treating around 25 MLD wastewater from Dhobijore nallah	2707	Network : Completed House Sewer connection- June,2027
4	1	**Rourkela**	40	Commissioned since February, 2021	2768	Network : Completed House Sewer connection- June,2027

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
			Nil	
Since laying of sewer networks involve huge capital and O & M costs and public inconvenience, steps are being taken to cover all the cities and towns in the State by setting up Sewage Treatment Plants to manage the faecal wastewater to reduce environmental pollution. In this process all 115 ULBs of Odisha will be covered. Out of this, 110 SeTPs have already been constructed in 108 ULBs and construction of 9 SeTPs are under progress which will cover rest 7 nos.ULBs.				

Financial implication for establishment / O&M of Septage Treatment Plants

Financial Year	Budgetary Provision under Urban Septage System (Rupees in Crore)
2020-21	150.00
2021-22	80.00
2022-23	70.00

(Information received from Housing and Urban Development Department , Govt. of Odisha)

IV. Details of Industrial Pollution:

1. Total Number of Industries : 7412
2. No. of water polluting industries in the State: 1506
3. Quantity of effluent generated from the industries in MLD: 832.9258 MLD (For treatment)
4. Quantity of Hazardous Sludge generated from the Industries in TPD : 141.9 TPD
5. Number of industrial units having ETPs: 1468
6. Number of industrial units connected to CETP: No CETP in the State
7. Number and total capacity of ETPs (details of existing/ under construction / proposed)
   Existing : 1479 Numbers, 1060.545 MLD
   Under Construction : Nil
   Proposed : Nil

Total : 1479 Numbers, 1060.545 MLD

8. Compliance status of the ETPs:

- As per the frequency of inspection norms vide Office Order No. 1081 dated 31.01.2020, ETPs of 47 numbers of Industries have been inspected for compliance status during August, 2026. Out of these, 37 number of ETPs comply to the discharge norms.

- Wherever violation is observed, show cause notices are being issued to the industries. Closure direction has been issued to 38 number of units for not having ETPs.

- During August, 2026, for non-compliance of ETP discharge norms, show cause notices have been issued to 7 no. of units & action to be taken for 03 nos. of unit is under process.

- Number and total capacity of CETPs (details of existing/ under construction / proposed) – Nil

- **Status of compliance and operation of the CETPs :**

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

V. Solid Waste Management:

1. Total number of Urban Local Bodies and their Population: 115 Urban Local Bodies

   (i) Total number of Urban Local Bodies:115
   (ii) Population: 60,69,229 (as per 2011 census)

2. Current Municipal Solid Waste Generation: 2630.09 TPD

3. 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), bio methanation, MRF etc.

4. Existing MSW Processing Facilities:

Type of Processing Facility	Numbers	Installed Capacity (in TPD)	Utilization
Compost Plant- Micro Composting Centre (MCC) and 1 Mechanical Composting Plant	281	1377	89 %
Materials Recovery Facility (MRF)	240	2605	48%

5. Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%)

   ✓ Material Recovery facilities are designed for a higher capacity considering population forecast, optimal utilization of resources and to take care of the additional loads of dry waste from urban-rural convergence. Therefore, presently the processing facilities run at lesser capacity.

6. No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)

   All 114 ULBs have designated sites for storage of Construction & Demolition waste. 126 numbers of such sites across all ULBs of Odisha have been notified for wider circulation amongst public. Further, the C&D waste is used for construction of road subgrade, temporary pathways, raising the low-lying areas, etc. thereby offsetting the use of soil for all these purposes.

7. Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source

Total no. of Wards	No. of Wards having Door to door collection Service	No. of Wards practicing Source Segregation
2055	2055 (100%)	2042 (99%)

8. Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)

   (i) MSW processing facilities Proposed:
   - Composting Facility - Micro Composting Centre (MCC) : 286 Nos. (Capacity : 1358.5 TPD)
   - Material Recovery Facilities (MRF): 226 Nos. (Capacity: 2420 TPD)

(ii) MSW processing facilities Functional :

- Composting Facility- Number of Functional Micro Composting Centre (MCC) : 281 Nos.(Capacity : 1377 TPD)
- Number of Functional Material Recovery Facilities (MRF): 240 Nos. (Capacity: 2605 TPD)

(iii) MSW processing facilities Under Construction:

- Composting Facility - Micro Composting Centre (MCC): 2 Nos. (Capacity: 10 TPD)
- Material Recovery Facilities (MRF): 02 Nos. (Capacity: 20 TPD)

9. No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills.

- Garbage dumpsites: 8 ULBs (Out of 92 ULBs, 84 ULBs have completely remediated their legacy waste dumpsite)
- Sanitary Landfill: Nil

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

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

- No. of drains reaching to River System, lakes, Water Bodies, Pond, Marsh Land, Water Lands: 225
- Drains having floating racks/screens installed: 225

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
Enclosed as Annexure-1					

Financial Implication

Financial Year	Budgetary Provision (Rupees in Crore)
2019-20	90.00
2020-21	400.00
2021-22	215.00
2022-23	250.00

(Information received from Housing and Urban Development Department, Govt. of Odisha has been attachedas Annexure-1)

VI. Bio-medical Waste Management:

As per Annual Report, 2023

1. Total Bio-medical generation: **12, 239 kg/day**
2. No. of Hospitals and Health Care Facilities: **5886 Nos.** (Both bedded & Non-bedded)
3. Status of Treatment Facility/ CBMWTF: --
   Total BMW generated- 12, 239 kg/day
   BMW treated in CBMWTFs- 9301.635 kg/day
   BMW treated in captive treatment facilities- 2937.365 kg/day

- Number of CBMWTFs available in the State: **07**
- Name and address of the CBMWTFs in the State:

  Bio-medical wastes generating from the health care establishments are being managed either through common biomedical waste treatment and Disposal (CBWTDF) facilities or by deep-burial practice.

  1. M/s. Sani Clean Pvt. Limited, Tangiapada, Dist: Khurda
  2. M/s. Mediaid Marketing Services, Amasranga, Po: Bhasma, Dist: Sundargarh
  3. M/s. Mediaid Marketing Services, At- village-Arakhapada, Tehsil- Seragada, Dist: Ganjam
  4. M/s. Renewable Envirogic Pvt. Ltd., Sialbahali, Dist: Bolangir
  5. VSS Medical College and Hospital, Burla,Sambalpur (Operated by M/s. Bio-Tech Solution, Berhampur)
  6. MKCG Medical College and Hospital, Berhampur, Dist: Ganjam (Operated by M/s. Life Line Pharma)
  7. SCB Medical College and Hospital, Dist: Cuttack (Operated by M/s. MediAid Marketing Services)

VII. Hazardous Waste Management:

For the year 2023-24

- No. of Industries generating Hazardous Waste: 471
- Total Hazardous Waste generation: 13,10,076 MT
- Detailed status of Hazardous Waste management :-

i	Recycled		15,504 MT
ii	Utilized		12,12,677 T MT
iii	Co-processed		2026 MT
iv	TSDF Disposal		1,39,980 MT
v	Incinerated		319 MT
Total			13,70,825 MT

- Number of TSDFs sites with treatment Capacity: 1 No **(1,56,000 T/Annum)**

Sl. No.	Name and Address of TSDF	Capacity LandfiII (T/A)
1.	M/s. Odisha Waste Management Project, Sukinda, Jajpur	1,56,000
	Total	**1,56,000**

- Avg. Quantity of Hazardous Waste reaching the TSDFs and Treated: 1,39,980 MT
- Details of on-going or proposed TSDF :
    - M/s Western Integrated Waste Management Facility Pvt. Ltd. has obtained Consent To Establish (CTE) and Environmental Clerance (EC) from State Environmental Impact Assessment Authority (SEIAA), Govt. Of Odisha at Parjang, Dist – Dhenkanal for Secured Land Fill (SLF) only.
    - SLSWCA has approved 02 nos. CHWTSDF in Jharsuguda i.e. one by Re-Sustainability Ltd, and second one is in the name of M/s Utkal Innovation.
- No. of Industries / Mines have taken membership agreement with the CHWTSDF : **471** Nos.

VIII. Plastic Waste Management:

- Total Plastic Waste generation: 158 TPD
- Treatment/ Measures adopted for reduction or management of plastic waste:
    - The trade, manufacture, import, store, carry, transport and use of single use plastic and plastic carry bags are prohibited within the jurisdiction of all ULBs.
    - The segregated and stored plastic waste at Materials Recovery Facilities is sold off to registered plastic recyclers for further processing and recycling.
    - Non-Recyclable Plastic Wastes are sent to Cement Factory for Co-Processing.

(Information received from Housing and Urban Development Department , Govt. of Odisha - has been attached as Annexure-1)

IX. Details of Alternate Treatment Technology being adopted by the State/UT

Besides, establishing Sewage Treatment Plants for treatment of municipal wastewater, actions has also been taken to treat fecal sludge being generated from the urban local bodies under Septage Management System in a phased manner which is envisaged to be taken up during the period from 2016-17 to 2021-22 which will lead to improved urban sanitation with positive impact on public health, environment & river water quality.

Since the cost of construction and Operation and Maintenance of Septage Treatment Projects is low, such projects are now implemented in different ULBs of the State.

As on August, 2026, existing capacity of 120 nos. of FSTPs is 2087 KLD (2.087 MLD) , estimated generation of faecal sludge is 1264 KLD, aveage daily utilization of treated faecal sludge is 608.45 KLD (as per the data of November,2025) .

For grey water management in the ULBs, based on learning from the pilot conducted in 4 geographical areas of two cities- Jatni (M) and Dhenkanal (M), and recommendation of the Expert Committee formed as per the direction of the Hon'ble NGT, Scale-up strategy and Toolkit has been developed for the city-wide scale up of Grey Water Management in the state.

(Information received from Housing and Urban Development Department , Govt. of Odisha - has been attached as Annexure-1)

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment: Drains contributing to river pollution have been identified by H & UD Department. Detail information is under preparation.

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:

Till date, Nine Review meetings of Environmental Monitoring Cell were held under the chairmanship of the Chief Secretary, Odisha on Dt. 13.11.2020, 19.02.2021, 29.4.2021, 15.07.2021, 18.01.202, 07.04.2022, 18.11.2022, 17.03.2023 and 24.7.2023.

(Minutes of 9th Review Meeting as received from Forest, Environment & Climate Change Department , Govt. of Odisha has been attached as Annexure-2)

Fifth meeting of River Rejuvenation Committee was held under the chairmanship of the Additional Chief Secretary, Forest, Environment and Climate Change Department, Govt. of Odisha on Dt. 22.8.2025.

(Minutes of 5th RRC Meeting as received from Forest, Environment and Climate Change Department, Govt.of Odisha has been attached as Annexure-3)

A review meeting on Restoration of Gangua and Daya river under the chairmanship of the Addl. Chief Secretary to Govt. in Forest, Environment and Climate Change has been conducted on Dt. 19.7.2023.

(Minutes of Review Meetings has been attached as Annexure-4)

The 11th Task Force Meeting for abatement of Pollution of River Daya under the chairmanship of Vice Chairman, BDA, has been conducted on Dt.25.04.2024.

(Minutes of Meeting received from Orissa Water Supply & Sewerage Board has been attached as Annexure-5)

XIII. Latest water quality of six polluted river stretches (as per CPCB report -2025), its tributaries, drains with flow details and ground water quality in the catchment of polluted river along with rest 13 stretches (declared as clean) are enclosed as Annexure-6.

Status of these 19 Polluted River stretches in the State of Odisha during the period 2017-2026 (upto August, 2026) with maximum BOD values during the year is given as Annexure-7(a) and Summary of number of polluted river stretches under different category during the period 2017-2026 (upto August , 2026) is given as Annexure-7 (b).

Latest water quality of all river water quality monitoring stations (152 numbers) during August, 2026 monitored by the Board is given as Annexure-7 (c).

XIV. Ground water regulation:

(1) So far, no such cases of Illegal groundwater abstraction are noticed.

(2) Govt. of Odisha has formulated an act for regulation of groundwater namely ―The Odisha groundwater (Regulation, Development and Management) Act, 2011‖

(3) Central Ground Water Board (CGWB) and District Level Evaluation Committee (DLEC) strictly control groundwater abstraction by the industries.

(4) Chief Engineer and Director, Groundwater Development, Bhubaneswar monitors the fluctuation of the groundwater level in all 30 districts in 10 years interval.

XV. Good irrigation practices being adopted by the State:

Inflow from the catchment and outflow from the river of the basins are managed effectively by the chief Engineer and basin Managers for 11 Nos. of river basins of Odisha.

XVI. Rainwater Harvesting:

Rooftop Rainwater-harvesting Structures (RRHS)

	Govt.		**Private**	
2018-19	358 Nos.		9438 Nos.	
2019-20	Nil		Nil	
2020-21	Nil		Nil	
2021-22	Nil		Nil	
2022-23	282		3487	
2023-24	Taken up	Completed	Taken up	Completed
	531	481	8013	9217
2024-25	435	496	5686	8188
2025-26	359	585	4071	8103
2026-2027 (Upto 08/2026)	367	51	4868	3110

XVII. Ground Water Recharge

(i)	Through Wells (Recharge shafton tanks and ponds)	2019-20	179 Nos. (completed)
		2020-21	65 nos. (completed)
		2021-22	280 nos. (completed)
		2022-23	748 nos. (Completed)
		2023-24	Taken up : 639 nos. Completed : 621
		2024-25	Taken up : 519 nos. Completed : 548
		2025-26	Taken up : 487 nos. Completed : 605
		2026-2027 (Upto 08/2026)	Taken up : 661 nos. Completed : 125
(ii)	Through Check Dams	2010-11 to 2019-20	15604 Nos.
		2020-21	229 Nos.
		2021-22	34 Nos.
		2022-23	220 Nos.
		2023-24	380 Nos.
		2024-25	370 Nos.
		2025-26	290 Nos.
		2026 -27 (upto 08/2026)	135 Nos.
		Total check dams as on 08/2026	17262

XVIII. Demarcation of Floodplain and removal of illegal encroachments:

Out of 19 Nos. of polluted river stretches, in Gangua nallah (Priority No.III), a proposal for construction of across regulator at the off taking point of Gangua nalla has been approved in 128th TAC of DOWR to divert the flood discharge of Chandaka catchment to Kuakhai river (Approximately 30% of flood water) through Budhi nallah in order to save the urban flooding of

storm water in Bhubaneswar city. This is one of the flood plain zone protections work in Gangua nallah to be executed by DOWR. The work is under progress.

When encroachments are noticed the Revenue Authorities are moved to make the land free from encroachment to maintain the natural flow in the drain.

Measures taken to Reduce BOD in Gangua Nallah:-

To reduce BOD in Gangua Nallah, Fresh water is being discharged into Gangua Nallah from Daya west bank canal through Palasuni Escape at RD 12.640 KM. The Monthly average release (in cusec) into Gangua Nallah for the last 1 year is given below;

Sl. No.	Month & Year	No. of days release of water	Total Discharge (In cusec)	Average Discharge (In cusec)
1	August,2026	30	34	1.133
2	July, 2026	0	0	0
3	June, 2026	0	0	0
4	May, 2026	0	0	0
5	April ,2026	0	0	0
6	March, 2026	0	0	0
7	February, 2026	0	0	0
8	January, 2026	31	0	0
9	December, 2025	31	0	0
10	November, 2025	30	20	0.67
11	October, 2025	31	41	1.322
12	September, 2025	30	36.2	1.207

XIX. Maintaining minimum e-flow of river:

E-flow is maintained.

Watershed management – Integrated Watershed Management Programme is executed throughout the State by Odisha Watershed Development Mission.

XX. Setting up of biodiversity Parks, Greenery/ Plantation activities along the rivers:

1094699 numbers of saplings and seedlings have been planted during monsoon 2018 along the bank of the rivers, dam sites, barrage sites and canal sites, out of which 329962 nos. of plants are alive (30.14% survival status).

XXI. Development of biodiversity park:

Setting up of Bio-diversity parks will be taken up with the help of Forest and Environment Department.

(Information received for Item No. XIV to XXI from Dept. of Water Resources, Govt. of Odishahas been attached as Annexure-8 and Annexure-9)

XXII. Reuse of Treated Water:

All Water polluting industries are being regulated under the consent administration of the Board 832.9258 MLD treated industrial wastewater are being recycled/ reused in the process or being utilized for plantation/ irrigation purposes.

For reuse of treated domestic wastewater, bulk users have been identified. Consultation process is underway with respective ULBs, local Industries, Govt. and Private institutions for identifying the bulk users of water and the quantity of water demand by these users. After completion of the above process, the revised action plan will be submitted for utilization of treated wastewater presently generated from the functioning of the STPs as well as from the future STPs.

(Information received from Orissa Water Supply and Sewerage Board and WATCO have been attached as Annexure-10 and Annexure-11 respectively)

Policy on reuse of treated used water of Urban Odisha notified on March, 2026 is enclosed as Annexure -12

XXIII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:

As per the report published by CPCB, "Polluted River stretches for restoration of Water Quality-2025" there are six polluted river stretches in the State as detailed below based on the maximum BOD value observed during the year 2022 and 2023. However, as per BOD, maximum during January-August, 2026, river water quality status of these six stretches is given below. Water quality status of previously identified 19 stretches (i.e. during the year 2017) is given in Annexure-7(a).

Priority category during 2025			**Priority during Jan- Dec, 2025**	**Priority during Jan- Aug, 2026**
Priority	**Numbers**	(BOD, mg/L, max)	(BOD, mg/L, max)	(BOD, mg/L, max)
Priority- III	1	• Gangua nallah along Bhubaneswar	Priority-III (20.0)	Priority-III (20.0)
Priority-V	5	• Daya along Narankheta to Kanas	Priority-V (5.0)	Priority-V (4.6)
		• Mangala along Golasahi	Priority-V (4.8)	Clean (2.8)
		• Kathajodi along Cuttack	Priority-V (3.8)	Priority-V (3.9)
		• Serua along Sankhatrasa	Priority-V (3.7)	Priority-V (3.6)
		• Brahmani along Rourkela	Priority-V (4.8)	Priority-V (4.4)

Rest 13 stretches are under Clean Category conforming to bathing water quality and therefore delisted by CPCB from the list of 19 Polluted River stretches.

As per the information received from Odisha Water Supply and Sewerage Board, Cuttack stretch on Kathajodi river has been considered under 'at least one polluted river stretch in each category is restored'. CPCB approved Action plan for the Polluted river stretch of Kathajodi river and

Serua river along Cuttack stretch vide letter No. may be downloaded from the weblink (https://www.rrcodisha.org/wp-content/uploads/2020/08/ Action-pLan-for-Kathajodi-river-JULY-20.pdf).

(Information received from Orissa Water Supply and Sewerage Board has been attached as Annexure-13)

Action taken by Odisha Government for restoration of the polluted river stretch of river Kathajodi and present status of water quality of Kathajodi river is enclosed at Annexure- 14.

XXIV. Status of Preparation of Action Plan by the 13 Coastal States:

State Pollution Control Board, Odisha has submitted the "Draft Action Plan to control marine pollution in 480 Km coastline in Odisha" to CPCB through email on Dt. 10.06.2022 for views. Board has received comment from CPCB vide letter No. 4887 dated 03.10.2022 on the draft Action Plan. Board has sent reminders to the different stakeholders to submit the compliances on the comments of the CPCB on draft action plan. The compiled report will be sent soon after the receipt of compliances from the stakeholders.

XXV. Regulation of Mining Activities in the State/UT: Enclosed as Annexure -15.

XXVI. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring:

- As per the frequency of inspection norms vide Office Order No. 1081 dated 31.01.2020, ETPs of 47 numbers of Industries have been inspected for compliance status during August, 2026. Out of these, 37 numbers of ETPs comply to the discharge norms.
- Wherever violation is observed, show cause notices are being issued to the industries. Closure direction has been issued to 38 numbers of units for not having ETPs
- During August , 2026, for non-compliance of ETP discharge norms, show cause notices have been issued to 07 no. of units and action to be taken for 03 nos. of unit is under process.

XXVII. In compliance to the Grievance redressal portal of National Mission for Clean Ganga in the on-going NGT matter of OA 673 of 2018 (vide NMCG letter In Legal/OA673/2018/NMCG/2019 dated 08.01.2021, there is no grievance for the state of Odisha in the month of August, 2026. Extract of the Grievance report for the period 01.08.2026 to 31.08.2026 downloaded from the portal is given as Annexure -16.

Sl No.	Placed as	Subject	Page No.
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2.	Annexure-2	Minutes of **Environmental Monitoring Cell (EMC)** to monitor Compliance of various directions passed by Hon'ble NGT in OA No.606/2018	**34**
3.	Annexure-3	Minutes of **5th River Rejuvenation Committee** held on 22.08.2025 under Chairmanship of Addl. Chief Secretary, FE &CC Department	**52**
4.	Annexure-4	Minutes of **Meeting with BDA, BMC & Resident Welfare Association held on 19.7.2023**, in Compliance to the directions in WP (C) No. 7469 of 2017- Registrar Judicial, Odisha high Court, Cuttack vs Union of India & Others; order dtd 15.5.2023	**55**
5.	Annexure-5	Minutes of 11th Task Force meeting held on 25.04.2024 for abatement of pollution on River Daya	**64**
6.	Annexure-6	Latest **Water quality of polluted river**, its tributaries, drains and ground water quality in the catchment of Polluted River stretches during August , 2026	**71**
7.	Annexure-7(a)	Status of Polluted River stretches in the State of Odisha during the period 2017-2026 (Upto August) with Maximum BOD values during the year	**82**
8.	Annexure-7(b)	Summary of Number of Polluted River Stretches under Different Category during the Period 2017-2026 (Upto August)	**83**
9.	Annexure-7(c)	Water quality of Rivers in Odisha during August , 2026	**84**
10.	Annexure-8	**Water Resources Department**- Monthly Progress report in connection with compliances to NGT order of OA 606/2018	**92**
11.	Annexure-9	**Water Resources Department**- Monthly Progress report in connection with compliances to NGT order of OA 673/2018	**95**
12.	Annexure-10	**OWSSB** – Monthly Progress report in connection with compliances to various NGT order of OA 673/2018, 606/2018 & 593/2017	**117**
13.	Annexure-11	**WATCO-** Monthly Progress report in connection with compliances to various NGT order of OA 673/2018, 593/2017	**130**
14.	Annexure-12	Policy on reuse of treated used water of Urban Odisha	**142**
15.	Annexure-13	**OWSSB** – Compliance of order dtd. 22.06.2020- Kathajodi river has been considered under "at least one polluted river stretch in each category is restored"	**144**
16.	Annexure-14	Action Taken Report for Restoration of Kathajodi river along Cuttack City	**145**
17.	Annexure-15	Regulation of mining activities in Odisha	**149**
18.	Annexure-16	Monthly Status of NMCG Redressal Portal (during August , 2026)	**152**

Annexure-1

Government of Odisha
Housing & Urban Development Department
3rd floor, Kharavel Bhavan, Unit-V, Bhubaneswar, PIN:751001

* * *

File No.: HUD-SANT-CASEOP-0003-2020/Letter No.: 27662 Date: 30.09.2026

From

Dasarathi Mallik,
Deputy Secretary to Govt.

To

The Member Secretary,
State Pollution Control Board, Odisha, Bhubaneswar
[Email: centrallab@ospcboard.org , paribesh1@ospcboard.org]

Sub: **Submission of Monthly Progress Report for the month of August, 2026 in prescribed format in compliance to order Dated 06.12.2019 of the Hon'ble NGT passed in O.A. No. 673/2018**

Ref : **Your Letter No. 10262 Dated 19.10.2020**

Sir,

With kind reference to the subject cited above, I am directed to furnish herewith the Monthly Progress Report [MPR] for the month of August, 2026 for onward transmission to the Central Pollution Control Board (CPCB), New Delhi and Secretary, Ministry of Jal Shakti in compliance to Order Dated 06.12.2019 of the Hon'ble NGT passed in O.A. No. 673/2018 for kind information and necessary action.

Yours faithfully,

30.09.2026
Deputy Secretary to Govt.

Memo No. 27663 /HUD, Date: 30.09.2026

Copy along with copy of the enclosures forwarded to the Director, Environment-cum-Special Secretary to Govt., FE&CC Department/ Engineer-in-Chief, OWSSB / Managing Director, WATCO / MIS Expert, State PMU, SBM (Urban) for kind information & necessary action.

30.09.2026
Deputy Secretary to Govt.

V. Solid Waste Management:

- Total number of Urban Local Bodies:115
- Population: 60,69,229(as per 2011 census)
- Current Municipal Solid Waste Generation: 2,630.09 TPD
- Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio-methanation, MRF etc.

Existing MSW processing facilities (Functional):

Type of Processing Facility	Numbers	Installed Capacity (in TPD)	Capacity Utilization
Compost Plant – Micro Composting Centre (MCC) & 1(One) Mechanical Composting Plant	281	1,377	**89%**
Materials Recovery Facility (MRF)	240	2,605	**48%**

- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%):
  - ✓ Material Recovery Facilities are designed for a higher capacity considering population forecast, optimal utilization of resources and to take care of the additional loads of dry waste from urban-rural convergence. Therefore, presently the processing facilities run at lesser capacity.
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction)
  - ✓ All 114 ULBs have designated sites for storage of Construction & Demolition waste. 126 numbers of such sites across all ULBs of Odisha have been notified for wider circulation amongst public. Further, the C&D waste is used for construction of road subgrade, temporary pathways, raising the low-lying areas, etc. thereby offsetting the use of soil for all these purposes.
- Total number of wards, having door to door collection service, number of wards practicing segregation at source

Total No. of Wards	No. of Wards Having Door-to-Door Collection Service	No. of Wards Practicing Source Segregation
2055	2055 (100%)	2042 (99%)

- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)

MSW Processing Facilities	Proposed (Target)	Functional	Under Execution
Composting Facility-Micro Composting Center (MCC)	286 MCCs (Capacity:1,358.5 TPD)	281 MCCs (Capacity: 1,377 TPD)	2 MCCs (Capacity: 10 TPD)
Material Recovery Facility (MRF)	226 MRFs (Capacity:2,420 TPD)	240 MRFs (Capacity: 2,605 TPD)	2 MRFs (Capacity: 20 TPD)

- Number of garbage dumpsites and Sanitary Landfills.
  - ✓ Garbage dumpsites: in 8 ULBs (Out of 92 ULBs, 84 ULBs have completely remediated their legacy waste dumpsites)
  - ✓ Sanitary Landfill: Nil
- Number and area (in acres) of legacy waste within 1 km buffer of both side of the rivers: Nil
- Number of drains falling into rivers and no of drains having floating racks/screens installed to prevent solid waste from falling into the rivers
  - ✓ Number of drains reaching to River System, lakes, Water Bodies, Pond, Marsh Land, Water Lands:225
  - ✓ Drains having floating racks/screens installed: 225

VIII. <u>Plastic Waste Management</u>:

- Total Plastic Waste generation:158 TPD
- Treatment/ Measures adopted for reduction or management of plastic waste:
  - ✓ The trade, manufacture, import, store, carry, transport and use of single use plastic and plastic carry bags are prohibited within the jurisdiction of all ULBs
  - ✓ The segregated and stored plastic waste at Materials Recovery Facilities are sold off to registered plastic recyclers for further processing and recycling.
  - ✓ Non-Recyclable Plastic Waste are sent to Cement Factory for Co-Processing.

Status of ULB wise Management of Solid Waste

Sl. No.	ULB Name	Total MSW Generation in TPD		Total MSW being processed in TPD		Capacity of Existing MSW facilities in TPD		Utilization Capacity of the existing MSW facilities		Capacity of Proposed MSW Facilities in TPD		Completion Timeline
		Wet Waste	Dry Waste	Wet Waste	Dry & Inert Waste	Wet Waste	Dry Waste	Wet Waste	Dry Waste	Wet Waste	Dry Waste	
1	Anandpur (M)	6.55	6.14	6.55	6.14	10.0	20.0	66%	31%	0.0	0.0	
2	Anugola (M)	7.30	6.84	7.30	6.84	12.0	30.0	61%	23%	0.0	0.0	
3	Asika (NAC)	4.18	3.90	4.18	3.90	10.0	20.0	42%	20%	0.0	0.0	
4	Athagada (NAC)	2.92	2.74	2.92	2.74	10.0	10.0	29%	27%	0.0	0.0	
5	Athmallik (NAC)	2.10	1.99	2.10	1.99	5.0	10.0	42%	20%	0.0	0.0	
6	Attabira NAC	2.77	3.00	2.77	3.00	5.0	20.0	55%	15%	0.0	0.0	
7	Balangir (M)	16.08	15.05	16.08	15.05	25.0	40.0	64%	38%	0.0	0.0	
8	Baleshwar (M)	19.31	18.00	19.31	18.00	25.0	50.0	77%	36%	0.0	0.0	
9	Balimela (NAC)	2.04	1.92	2.04	1.92	5.0	10.0	41%	19%	0.0	0.0	
10	Balliguda NAC	3.21	3.31	2.00	3.31	2.0	10.0	100%	33%	0.0	0.0	
11	Balugaon (NAC)	3.05	2.86	3.00	2.86	3.0	10.0	100%	29%	0.0	0.0	
12	Banki (NAC)	3.25	2.80	3.25	2.80	10.0	10.0	33%	28%	0.0	0.0	
13	Banapur (NAC)	2.96	2.78	2.96	2.78	3.0	10.0	99%	28%	0.0	0.0	
14	Badabil (M)	10.98	10.29	10.98	10.29	15.0	30.0	73%	34%	0.0	0.0	
15	Bargarh (M)	15.98	14.94	15.98	14.94	20.0	40.0	80%	37%	0.0	0.0	
16	Baripada (M)	21.77	18.00	21.77	18.00	30.0	60.0	73%	30%	0.0	0.0	
17	Barpali (NAC)	3.50	3.28	3.50	3.28	6.0	20.0	58%	16%	0.0	0.0	
18	Basudebpur (M)	6.63	5.22	6.63	5.22	10.0	10.0	66%	52%	0.0	0.0	
19	Bellaguntha (NAC)	2.14	1.83	2.14	1.83	5.0	10.0	43%	18%	0.0	0.0	
20	Belpahad (M)	6.47	6.06	6.47	6.06	10.0	20.0	65%	30%	0.0	0.0	
21	Brahmapur (MC)	82.80	70.00	80.00	70.00	80.0	70.0	100%	100%	0.0	0.0	
22	Bhadrak (M)	18.00	18.00	13.00	18.00	13.0	30.0	100%	60%	5.0	10.0	31-03-2027
23	Bhanjanagar NAC	4.00	3.21	4.00	3.21	5.0	10.0	80%	32%	0.0	0.0	
24	Bhabanipatana (M)	11.36	10.64	11.36	10.64	20.0	30.0	57%	35%	0.0	0.0	
25	Bhuban (NAC)	3.79	3.56	3.79	3.56	6.0	10.0	63%	36%	0.0	0.0	
26	Bhubaneswar (MC)	384.00	416.00	384.00	416.00	180.0	375.0	100%	100%	0.0	0.0	
27	Bijepur (NAC)	2.06	1.89	2.00	1.89	2.0	20.0	100%	9%	0.0	0.0	
28	Binika (NAC)	2.73	2.57	2.73	2.57	3.0	10.0	91%	26%	0.0	0.0	
29	Biramitrapur (M)	5.58	5.23	5.00	5.23	5.0	10.0	100%	52%	0.0	0.0	
30	Boudhagada (NAC)	3.46	3.25	3.46	3.25	5.0	10.0	69%	33%	0.0	0.0	
31	Brajarajnagar (M)	13.15	12.31	13.15	12.31	20.0	30.0	66%	41%	0.0	0.0	
32	Buguda (NAC)	3.00	2.47	3.00	2.47	5.0	10.0	60%	25%	0.0	0.0	
33	Byasanagar (M)	8.00	7.61	8.00	7.61	10.0	20.0	80%	38%	0.0	0.0	
34	Champua NAC	2.96	2.78	2.96	2.78	5.0	10.0	59%	28%	0.0	0.0	
35	Chandbali (NAC)	4.53	4.25	4.50	4.25	4.5	30.0	100%	14%	0.0	0.0	
36	Chhatrapur (NAC)	3.69	3.46	3.69	3.46	15.0	30.0	25%	12%	0.0	0.0	
37	Chikiti (NAC)	2.21	1.89	2.21	1.89	5.0	10.0	44%	19%	0.0	0.0	

Sl. No.	ULB Name	Total MSW Generation in TPD		Total MSW being processed in TPD		Capacity of Existing MSW facilities in TPD		Utilization Capacity of the existing MSW facilities		Capacity of Proposed MSW Facilities in TPD		Completion Timeline
		Wet Waste	Dry Waste	Wet Waste	Dry & Inert Waste	Wet Waste	Dry Waste	Wet Waste	Dry Waste	Wet Waste	Dry Waste	
38	Choudwar (M)	7.10	6.66	6.00	6.66	6.0	30.0	100%	22%	0.0	0.0	
39	Kataka (MC)	114.98	108.60	60.00	60.00	60.0	60.0	100%	100%	0.0	0.0	
40	Dashapalla NAC	3.14	2.95	3.14	2.95	5.0	10.0	63%	30%	0.0	0.0	
41	Debagada (M)	3.70	4.06	3.70	4.06	5.0	10.0	74%	41%	0.0	0.0	
42	Dhamnagar (NAC)	3.82	3.58	3.82	3.58	4.0	10.0	96%	36%	0.0	0.0	
43	Dharmagada (NAC)	3.18	2.65	3.00	2.65	3.0	10.0	100%	27%	0.0	0.0	
44	Dhenkanal (M)	12.00	10.42	12.00	10.42	24.5	40.0	49%	26%	0.0	0.0	
45	Digapahandi (NAC)	2.28	2.14	2.28	2.14	5.0	10.0	46%	21%	0.0	0.0	
46	G. Udayagiri (NAC)	1.94	1.82	1.94	1.82	5.0	10.0	39%	18%	0.0	0.0	
47	Ganjam (NAC)	2.18	1.95	2.18	1.95	5.0	10.0	44%	20%	0.0	0.0	
48	Gopalpur (NAC)	1.36	1.28	1.36	1.28	5.0	10.0	27%	13%	0.0	0.0	
49	Gudari (NAC)	1.19	1.10	1.19	1.10	2.0	10.0	60%	11%	0.0	0.0	
50	Gunupur (M)	4.72	4.40	4.72	4.40	10.0	10.0	47%	44%	0.0	0.0	
51	Hindol NAC	2.92	2.74	2.92	2.74	7.0	20.0	42%	14%	0.0	0.0	
52	Hinjilikatu (M)	4.12	3.86	4.12	3.86	10.0	20.0	41%	19%	0.0	0.0	
53	Jagatsinghpur (M)	5.65	5.30	5.65	5.30	10.0	20.0	57%	27%	0.0	0.0	
54	Jajpur (M)	6.26	6.00	6.26	6.00	10.0	20.0	63%	30%	0.0	0.0	
55	Jaleshwar (M)	4.34	4.07	4.34	4.07	5.0	10.0	87%	41%	0.0	0.0	
56	Jatani (M)	9.20	8.62	9.20	8.62	15.0	20.0	61%	43%	0.0	0.0	
57	Jayapur (M)	13.90	15.74	13.90	15.74	25.0	40.0	56%	39%	0.0	0.0	
58	Jharsuguda (M)	16.04	15.02	15.00	15.02	15.0	40.0	100%	38%	5.0	10.0	31-03-2027
59	Joda (M)	7.67	8.50	7.67	8.50	10.0	20.0	77%	43%	0.0	0.0	
60	Junagada (NAC)	3.33	3.12	3.33	3.12	5.0	10.0	67%	31%	0.0	0.0	
61	Kabisurjyanagar (N)	3.00	2.82	3.00	2.82	5.0	10.0	60%	28%	0.0	0.0	
62	Kamakshyanagar (N)	2.91	2.74	2.91	2.74	8.0	20.0	36%	14%	0.0	0.0	
63	Kantabanji (NAC)	3.70	3.47	3.70	3.47	5.0	10.0	74%	35%	0.0	0.0	
64	Karanjia (NAC)	3.89	3.65	3.89	3.65	6.0	20.0	65%	18%	0.0	0.0	
65	Kashinagar (NAC)	1.76	1.66	1.76	1.66	5.0	10.0	35%	17%	0.0	0.0	
66	Kendrapada (M)	7.75	7.26	7.75	7.26	8.0	20.0	97%	36%	0.0	0.0	
67	Kendujhargada (M)	12.00	11.22	12.00	11.22	20.0	30.0	60%	37%	0.0	0.0	
68	Kesinga (NAC)	3.22	3.02	3.22	3.02	5.0	10.0	64%	30%	0.0	0.0	
69	Khalikote (NAC)	2.25	2.11	2.25	2.11	5.0	10.0	45%	21%	0.0	0.0	
70	Khandapada (NAC)	1.64	1.54	1.64	1.54	5.0	10.0	33%	15%	0.0	0.0	
71	Khadial (NAC)	2.70	2.73	2.70	2.73	5.0	10.0	54%	27%	0.0	0.0	
72	Khariar Road (NAC)	3.10	3.35	3.10	3.35	8.0	20.0	39%	17%	0.0	0.0	
73	Khordha (M)	7.69	7.20	5.00	7.20	5.0	10.0	100%	72%	0.0	0.0	
74	Kodala (NAC)	2.70	2.22	2.70	2.22	5.0	10.0	54%	22%	0.0	0.0	
75	Konark (NAC)	2.84	2.66	2.00	2.66	2.0	10.0	100%	27%	0.0	0.0	
76	Koraput (M)	7.85	7.36	7.85	7.36	10.0	20.0	79%	37%	0.0	0.0	
77	Kotpad (NAC)	3.14	2.93	3.14	2.93	10.0	20.0	31%	15%	0.0	0.0	
78	Kuchinda (NAC)	2.62	2.46	2.62	2.46	3.0	10.0	87%	25%	0.0	0.0	
79	Malkangiri (M)	5.14	4.82	5.14	4.82	13.0	20.0	40%	24%	0.0	0.0	
80	Nabarangapur (M)	5.00	4.66	5.00	4.66	5.0	10.0	100%	47%	0.0	0.0	
81	Nayagada (M)	3.30	3.08	3.30	3.08	5.0	10.0	66%	31%	0.0	0.0	
82	Nilagiri (NAC)	2.99	2.81	2.99	2.81	4.0	10.0	75%	28%	0.0	0.0	
83	Nimapada (NAC)	3.33	3.12	2.00	3.12	2.0	10.0	100%	31%	0.0	0.0	
84	Nuapada NAC	2.90	2.60	2.90	2.60	5.0	10.0	58%	26%	0.0	0.0	
85	Odagaon (NAC)	2.11	1.98	2.11	1.98	5.0	10.0	42%	20%	0.0	0.0	
86	Padmapur NAC	3.03	2.84	3.03	2.84	10.0	30.0	30%	9%	0.0	0.0	
87	Paradeep (M)	11.29	10.58	11.29	10.58	17.0	30.0	66%	35%	0.0	0.0	
88	Paralakhemundi (M)	7.35	6.88	7.35	6.88	11.0	20.0	67%	34%	0.0	0.0	
89	Patnagarh (NAC)	3.59	3.76	3.59	3.76	5.0	10.0	72%	38%	0.0	0.0	
90	Pattamundai (M)	6.02	5.64	6.02	5.64	10.0	20.0	60%	28%	0.0	0.0	
91	Phulabani (M)	7.33	6.85	7.33	6.85	15.0	20.0	49%	34%	0.0	0.0	
92	Pipili (NAC)	2.97	2.78	2.97	2.78	8.0	20.0	37%	14%	0.0	0.0	
93	Polasara (NAC)	3.92	3.67	3.92	3.67	5.0	10.0	78%	37%	0.0	0.0	
94	Puri (MC)	37.93	35.84	37.93	35.84	50.0	60.0	76%	60%	0.0	0.0	
95	Purusottampur (N)	2.80	2.47	2.80	2.47	5.0	10.0	56%	25%	0.0	0.0	
96	Rairangpur (M)	4.32	4.06	4.32	4.06	10.0	20.0	43%	20%	0.0	0.0	
97	Rajagangapur (M)	8.48	7.95	5.00	7.95	5.0	10.0	100%	80%	0.0	0.0	
98	Rambha (NAC)	2.35	2.03	2.35	2.03	5.0	10.0	47%	20%	0.0	0.0	
99	RANPUR NAC	2.49	2.34	2.49	2.34	3.0	10.0	83%	23%	0.0	0.0	

Sl. No.	ULB Name	Total MSW Generation in TPD		Total MSW being processed in TPD		Capacity of Existing MSW facilities in TPD		Utilization Capacity of the existing MSW facilities		Capacity of Proposed MSW Facilities in TPD		Completion Timeline
		Wet Waste	Dry Waste	Wet Waste	Dry & Inert Waste	Wet Waste	Dry Waste	Wet Waste	Dry Waste	Wet Waste	Dry Waste	
100	Raurkela (MC)	58.47	55.23	45.00	55.23	45.0	80.0	100%	69%	0.0	0.0	
101	Rayagada (M)	14.13	13.21	14.13	13.21	20.0	30.0	71%	44%	0.0	0.0	
102	Redhakhol (NAC)	2.63	2.47	2.63	2.47	3.0	10.0	88%	25%	0.0	0.0	
103	Remuna (NAC)	5.53	5.18	5.00	5.18	5.0	10.0	100%	52%	0.0	0.0	
104	Sambalpur (MC)	63.30	59.79	45.00	59.79	45.0	80.0	100%	75%	0.0	0.0	
105	Sonpur (M)	4.00	3.72	4.00	3.72	5.0	10.0	80%	37%	0.0	0.0	
106	Sora (M)	5.39	5.05	5.00	5.05	5.0	10.0	100%	51%	0.0	0.0	
107	Sunabeda (M)	8.35	7.82	8.35	7.82	15.0	30.0	56%	26%	0.0	0.0	
108	Sundaragada (M)	7.46	6.99	7.46	6.99	10.0	20.0	75%	35%	0.0	0.0	
109	Sorada (NAC)	2.60	2.43	2.60	2.43	5.0	10.0	52%	24%	0.0	0.0	
110	Talacher (M)	6.74	6.31	6.74	6.31	10.0	20.0	67%	32%	0.0	0.0	
111	Tarbha (NAC)	1.48	1.45	1.48	1.45	5.0	10.0	30%	15%	0.0	0.0	
112	Titilagarh (M)	5.25	4.92	5.25	4.92	10.0	20.0	53%	25%	0.0	0.0	
113	Tusura NAC	1.90	1.79	1.90	1.79	5.0	10.0	38%	18%	0.0	0.0	
114	Udala (NAC)	2.28	2.14	2.28	2.14	5.0	10.0	46%	21%	0.0	0.0	
115	Umarkot (M)	4.82	4.52	4.82	4.52	10.0	20.0	48%	23%	0.0	0.0	
	Total:	**1,331.26**	**1,298.83**	**1,223.20**	**1,250.23**	**1,377.0**	**2,605.0**	**89%**	**48%**	**10.0**	**20.0**	

OFFICE OF THE MANAGING DIRECTOR, WATCO

Telefax: - +91-674-2571444, E-mail – mdwatcoodisha@gmail.com

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No. 10629 /Date. 19/09/2026

From

Er. Debabrata Mohanty, OES
Managing Director, WATCO

To

The Director, Environment-cum-Special Secretary to Govt.,
Forest, Environment & Climate Change Department,
Odisha, Bhubaneswar.(Email: env1992@gmail.com)

Sub: Furnishing progress report for the month of August'2026 in connection with compliances to various orders & directions passed by the Hon'ble NGT in OA No.673/2018, OA No.606/2018 & OA No.593/2017.

Ref:- Letter No.16246/HUD dt.13.9.2021 of F & E Department.

Sir,

With reference to the above cited subject, the progress report in connection with compliances to various orders & directions passed by the Hon'ble NGT in OA No.673/2018, OA No.606/2018 & OA No.593/2017 for the month of August'2026 are furnished herewith for information & necessary action.

Encl: As above.

Yours faithfully,

19/9/26

Managing Director, WATCO.

Memo No. 10630 / Dated. 19/09/2026

Copy along with copy of enclosures submitted to the Special Secretary to Govt., H&UD Department, Odisha (Sanitation Section) / Member Secretary, State Pollution Control Board, Bhubaneswar for kind information & necessary action.

19/9/26

Managing Director, WATCO

Memo No. 10,631 Dt: 19/09/2026

Copy along with copy of enclosures submitted to the Engineer-in-Chief, OWSSB, Unnati Bhawan, Bhubaneswar for kind information & necessary action.

19/9/26

Managing Director, WATCO.

National Mission for Clean Ganga

Monthly Progress Report for the month of August, 2026 for the State of Odisha

[Format for submission of monthly progress report in compliance with the order dated 06.12.2019 in OA No. 673 of 2018 before the Hon'ble NGT]

Overall status of the State:

I. Total Population : Urban Population & Rural Population separately

As per census 2011,

Total population of Odisha is : 4,19,74,218
Urban population is : 70,03,656
Rural population is : 3,49,70,562

II. Estimated Sewage Generation (MLD):

Sewage generation in the State :

Based on the total water supply to 115 ULBs of the state which is approximately 1100 MLD, wastewater generation has been calculated as (i) 80% of the water supply in sewer cities, (ii) 65% grey water in non-sewer towns, (iii) 0.21 lpcd of black water in non-sewer towns which comes around 780 MLD.

However, considering that 41% of the population is concentrated around five large cities, Odisha has gone for underground sewer systems for only five large cities (Bhubaneswar, Cuttack, Sambalpur, Rourkela, Puri) and another town, Talcher.

Total Wastewater generation from these fives ULBs is 333.4 MLD for the last year 2025. [1. Bhubaneswar Municipal Corporation (122.04 MLD), 2. Cuttack Municipal Corporation (88.57 MLD), 3. Sambalpur Municipal Corporation (48.73 MLD), 4. Rourkela Municipal Corporation (44.95 MLD), 5. Puri(M) (29.11 MLD) .

III. Details of Sewage Treatment Plant

- **Existing No. of STPs and Treatment Capacity (in MLD)** : 12 STPs: 373.50 MLD
- **STP under construction** : Nil
- **Total number of** STPs and Treatment Capacity (in MLD) : 12 STPs : 373.50 MLD
- **Capacity Utilization of Existing STPs**: 188.2 MLD
- **Sewage being treated through alternative technology**: [Faecal Sludge Treatment Plant]
- **Existing number of FSTPs and Treatment Capacity**: To be provided by OWSSB.
- **Gap in Treatment Capacity in MLD:**

Total quantity of sewage generation in the Last year 2025 from Bhubaneswar, Cuttack, Sambalpur, Rourkela, Puri is 333.40 MLD. Sewage treatment facility at various stages of operationalization for these five ULBs areas = 12 Nos. of STPs with total installed capacity : 373.50 MLD.

For the rest of 109 ULBs, the State has embarked on decentralized non sewered approach for treating black water and greywater separately. The approach has been divided into two phases. First phase focused on achieving completing black water security through Faecal sludge & Septage Management. Next phase is focusing on treatment of greywater by pilot intervention in two ULBs at Jatni and Dhenkanal. Based on the learning from the pilot projects, the greywater management will be scaled up in all 110 ULBs, except Puri, Bhubaneswar, Cuttack, Sambalpur & Rourkela where STP construction either completed or under progress.

- No. of Operational STPs : 12 STPs
- No. of Complying STPs : 12 STPs
- No. of non-complying STPs : Nil
- No. of under construction STP : Nil

Details of each existing STP in the State

Sl. No.	No. of STPs	Location	Existing STP Capacity (in MLD)	Capacity Being Utilized (In MLD)	Operational Status of STP	Compliance Status of STP
1		Bhubaneswar				
	1	Meherpali	56	16.8	O&M by WATCO	Operational since Dec.2020
	1	Basuaghai	28	13.2		-do-
	1	Kochilaput	43.50	18.3		-do-
	1	Paikarapur	8	6.1		-do-
	1	Rokat	48	26.64	JICA	Commissioned on 31.12.2022
2		Cuttack				
	1	Matgajpur (Stabilisation pond)	33	0	-	
	1	CDA	36	28.42	O&M by OISIP, JICA, Cuttack	Running smoothly
	1	Matagajpur (ASP)	16	14.64	-do-	-do-
3		Puri				
	1	Mangalaghat	15	15	O&M by WATCO	Running smoothly
	1	Bankimuhan,	10	10		
4	1	Rourkela	40	17.1	Partly commissioned since Feb-2021 (O&M by WATCO from June-2022)	-do-
5	1	Sambalpur	40	22	WATCO from 21.3.2023	Interception & Diversion (I&D) of Dhobijore Nallah
Total	**12**		**373.50**	**188.2**		

Details of partly commissioned/ under construction STPs in the State

Sl. No.	No. of STPs	Location	Capacity of the plant in MLD	Physical Progress in %	Status of I&D or House sewer connections (in nos)	Completion Timeline
1	5	Bhubaneswar				
		Rokat	48	Commissioned on 31.12.2022	22739	Network: Completed, House sewer connection:by June 2027
		Meherpalli	56	Commissioned 01.08.2021	16777	Network: Completed, House sewer connection:by June 2027
		Basuaghai	28		10706	Network: Completed, House sewer connection:by June 2027
		Kochilaput	43.5		1759	Network: Completed, House sewer connection:by June 2027
		Paikarapur	8		782	Network: Completed, House sewer connection:by June 2027
2		Cuttack				
	1	Matgajpur (ASP)	16	Commissioned since 01.03.2022	45980	Network: Completed, House sewer connection:by June 2027
	1	CDA	36	Commissioned since 27.11.2019		
3	1	Sambalpur	40	STP is commissioned during Dec.2022 and treating around 25 MLD of wastewater from Dhobijore Nallah	2707	Network: Completed, House sewer connection:by June 2027
4	1	Rourkela	40	Commissioned since Feb. 2021	2768	Network: Completed, House sewer connection:by June 2027:

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
Nil				

Since laying of sewer networks involves huge capital and O&M costs and public inconvenience steps are being taken to cover all cities and towns in the State by setting up sewage treatment plants to manage the fecal wastewater to reduce environmental pollution. In this process, all 115 ULBs of Odisha will be covered, out of which 110 nos. SeTP constructed in 108 ULBs and 9 nos. is under progress which will cover rest 7 nos. ULBs.

IV Details of Industrial Pollution: Not relates to WATCO

- No. of industries in the State: N/A
- No. of water polluting industries in the State: N/A
- Quantity of effluent generated from the industries in MLD: N/A
- Quantity of Hazardous Sludge generated from the Industries in TPD: N/A Number of industrial units having ETPs: N/A
- Number of industrial units connected to CETP: N/A
- Number and total capacity of ETPs (details of existing/ under construction / proposed) : N/A
- Compliance status of the ETPs: N/A
- Number and total capacity of CETPs (details of existing/ under construction / proposed) : N/A
- Status of compliance and operation of the CETPs: N/A

Town	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (existing, under construction & proposed)
Not relates to WATCO				

V. Solid Waste Management: Not relates to WATCO

- Total number of Urban Local Bodies and their Population: N/A
- Current Municipal Solid Waste Generation: N/A
- Number, installed capacity, and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio methanation, MRF etc.: N/A
- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%). : N/A
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction) : N/A
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source : N/A
- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology) : N/A
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills. :N/A
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers :N/A
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers : N/A

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
N/A					

VI Bio-medical Waste Management: Not relates to WATCO

- Total Bio-medical generation: Nil
- No. of Hospitals and Health Care Facilities: Nil
- Status of Treatment Facility/ CBMWTF: Nil

VII Hazardous Waste Management: Not relates to WATCO

- Total Hazardous Waste generation : N/A
- No. of Industries generating Hazardous waste : N/A
- Treatment Capacity of all TSDFs : N/A
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated : N/A
- Details of on-going or proposed TSDF : N/A

VIII Plastic Waste Management: Not relates to WATCO

- Total Plastic Waste generation : N/A
- Treatment/ Measures adopted for reduction or management of plastic waste: N/A

IX. Details of Alternate Treatment Technology being adopted by the State/UT : Nil

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment: N/A

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:N/A

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:N/A

XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; N/A

XIV. Ground water regulation:N/A

XV. Good irrigation practices being adopted by the State:N/A

XVI. Rain Water Harvesting:N/A

XVII. Demarcation of Floodplain and removal of illegal encroachments: N/A

XVIII. Maintaining minimum e-flow of river:N/A

XIX. Plantation activities along the rivers:N/A

XX. Development of biodiversity park:N/A

XXI. Reuse of Treated Water: Nil

XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:N/A

XXIII. Status of Preparation of Action Plan by the 13 Coastal States:N/A

XXIV. Regulation of Mining Activities in the State/UT: N/A

XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring : N/A

Odisha Water Supply & Sewerage Board

(A Govt. of Odisha Undertaking)
Satyanagar, Bhubaneswar–751007 Phone: (0674)2571185
Email:eicowssb@gmail.com

No. 2416 /dt. 28.09.2026
W-02/2021 (Vol-VI)

To

The Additional Secretary to Govt.,
H & UD Deptt. (Sanitation Section),
Odisha, Bhubaneswar

Sub.: Furnishing progress report for the month of August 2026 in connection with compliances to various orders & directions passed by the Hon'ble NGT in OA No. 673/2018, OA No.606/2018 & OA No. 593/2017.

Sir,

The monthly progress report towards compliances of various orders and directions passed by the Hon'ble NGT in OA No.673/2018, OA No.606/2018 & OA No.593/2017 for the month of August 2026 as received from the concerned stakeholders of WATCO, PHEO & ULBs is collectively furnished herewith for further necessary action at your end.

Yours faithfully,
28/9/26
Chief Engineer, OWSSB

Encl.: As above.

Memo No. 2417 /dt. 28.09.2026

Copy with copy of enclosures submitted to the Director, Environment-cum-Special Secretary to Govt., Forest, Environment & Climate Change Department, Odisha, Bhubaneswar, Email: env1992@gmail.com for information and necessary action.

Encl.: As above.

28/9/26
Chief Engineer, OWSSB

Memo No. 2418 /dt. 28.09.2026

Copy with copy of enclosures forwarded to the Member Secretary, State Pollution Control Board, Bhubaneswar for information and necessary action.

Encl.: As above.

28/09/26
Chief Engineer, OWSSB

[PTO]

Memo No. 2419 /dt. 28/09/2026

Copy with copy of enclosures forwarded to the M.D., WATCO, Bhubaneswar for information and necessary action.

Encl.: As above.

28/09/26
Chief Engineer, OWSSB

Memo No. 2420 /dt. 28/09/2026

Copy with copy of enclosures submitted to the Engineer-in-Chief (PH), Odisha, Bhubaneswar for information and necessary action. It is requested to furnish the required information relating to Wastewater Treatment Plants at Talcher to the Director, Environment-cum-Special Secretary to Govt., Forest, Environment & Climate Change Department (Email: env1992@gmail.com) and H & UD Deptt., Odisha, Bhubaneswar for compliance.

Encl.: As above.

28/09/26
Chief Engineer, OWSSB

National Mission for Clean Ganga

Monthly Progress Report for the month of August 2026 for the State of Odisha

[Format for submission of monthly progress report in compliance to order dated 06.12.2019 in OA No. 673 of 2018 before the Hon'ble NGT]

Overall status of the State:

I. **Total Population :**

As per census 2011,

Total population of Odisha is : 4,19,74,218

Total ULB population is : 60,69,229

Estimated population of all ULBs for the year 2024 : 81,54,741

Projected population of all ULBs for the year 2030 : 93,49,116

II. **Estimated Sewage Generation (MLD):**

Sl. No.	Details of the ULB	Estimated sewage generation	Remarks
1	5 cities in Odisha has sewage collection and treatment system. These cities are (1) Bhubaneswar, (2) Cuttack, (3) Sambalpur, (4) Rourkela & (5) Puri. The detailed information will be provided by WATCO	Information to be furnished by WATCO	
2	Remaining 110 non sewer ULBs	580.04 MLD (80% of the water supply)	Information provided by ULBs

III. **Details of Sewage Treatment**

Sl. No.	Details of the ULB	Estimated sewage generation	Details of sewage treatment	Remarks
1	5 cities in Odisha has sewage collection and treatment system. These cities are (1) Bhubaneswar, (2) Cuttack, (3) Sambalpur, (4) Rourkela & (5) Puri. The detailed information will be provided by WATCO	Information to be furnished by WATCO		
2	Remaining 110 non sewer ULBs	580.04 MLD	2 MLD	2 MLD wastewater treatment plant at Talcher under PHEO.

- **Gap in Treatment Capacity in MLD :**

Sl. No.	Details of the ULB	Estimated Generation	Treatment	Gap	Remarks
A	5 cities in Odisha has sewage collection and treatment system. These cities are (1) Bhubaneswar, (2) Cuttack, (3) Sambalpur, (4) Rourkela & (5) Puri. The detailed information will be provided by WATCO.	Information to be furnished by WATCO			
B	For 110 non-sewer ULBs	580.04 MLD			
1.	Rairangpur	4.06 MLD	-	4.06 MLD	Work is under progress for 0.95 MLD FSTPs
2.	Bargarh	11.6 MLD	-	11.6 MLD	Tender floated for 15 MLD STP and associated structure
3.	Belpahad	5.46 MLD			Tender floated for 0.6 MLD STP with I&D structure
4.	Anugola	7.20 MLD			DPR for 8.5 MLD STP is under progress.
5.	Gopalpur	2.48 MLD			DPR for 1.22 MLD STP is under progress
6.	Talcher	6.72 MLD	2 MLD	4.72 MLD	2 MLD wastewater treatment plant at Talcher under PHEO.
7.	Remaining 104 non-sewer ULB	542.52 MLD		542.52 MLD	

C Mahapatra.

Mission for Clean Ganga of OA No. 673 Aug.26

Details of partly commissioned/ under construction STPs in the State

The detailed information is to be submitted by WATCO separately

I. **Details of Industrial Pollution: Not related to OWSSB**

II. **Solid Waste Management: Not related to OWSSB**

IV. **Bio-medical Waste Management: Not relate to OWSSB**

IV. **Hazardous Waste Management: Not relate to OWSSB**

V. **Plastic Waste Management: Not relate to OWSSB**

VI. Details of Alternate Treatment Technology being adopted by the State/UT :

VII. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:

VIII. Details of Nodal Officer appointed by Chief Secretary in the State/UT:

IX. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:

X. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;

XI. Ground water regulation:

XII. Good irrigation practices being adopted by the State:

XIII. Rain Water Harvesting:

XIV. Demarcation of Floodplain and removal of illegal encroachments:

XV. Maintaining minimum e-flow of river:

XVI. Plantation activities along the rivers:

XVII. Development of biodiversity park:

XVIII. Reuse of Treated Water:

XIX. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:

XX. Status of Preparation of Action Plan by the 13 Coastal States:

XXI. Regulation of Mining Activities in the State/UT:

XXII. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring :

Mahapatra.

Annexure-2

"By E-Mail/ Courier"
"rg.ngt@nic.in/ judicial-ngt@gov.in"

GOVERNMENT OF ODISHA
FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT
*****

No. FE-ENV1-ENV-0005-2020/ 15726 /FE&CC, Dt. 26 .07.2023

From:

Dr. K. Murugesan, IFS
Director Environment –cum- Special Secretary to Govt.

To

The Ld. Registrar General
Hon'ble National Green Tribunal, Principal Bench
Faridkot House, Copernicus Marg, New Delhi- 110 001

Sub: Submission of minutes of Environment Monitoring Cell (EMC) to monitor compliance of various directions passed by Hon'ble NGT in O.A. No. 606/2018 on "Compliance to Solid Waste Management Rules, 2016" and Sewage Management in the State including other matters- regarding.

Sir,

In inviting a reference to the subject cited above, this is to intimate that as per directions in the order dated 27.01.2023 of Hon'ble NGT in OA No.606/2018, review meeting of Environment Monitoring Cell (EMC) was held on 24.07.2023 in order to monitor up to date progress on compliance to Solid Waste Management Rules, 2016 and Sewage Management in the State including other environmental norms.

Therefore, I am directed to enclose herewith the copy of the minutes approved by Chief Secretary, Odisha for kind information and appraisal of the Hon'ble Tribunal.

Yours faithfully,

Enclo: As above.

24/7/23
Director, Environment-cum-
Special Secretary to Government

Memo No. 15727 / FE & CC, Dt 26.07.23

Copy forwarded to the OSD cum ex-Officio Special Secretary to Chief Secretary, for kind information Chief Secretary.

24/7/23
Director, Environment-cum-
Special Secretary to Government

Memo No. 15728 / FE & CC, Dt 26.07.23

Copy forwarded to the Senior PS to the Additional Chief Secretary, FE&CC Department / P.S. to Principal Secretary, H & UD Dept./ P.S. to Principal Secretary, PR & DW Department/ P.S. to Commissioner cum Secretary, Health & Family Welfare Department for kind information of ACS, Principal Secretary and Commissioner cum Secretary respectively.

24/7/23
Director, Environment-cum-
Special Secretary to Government

Memo No. 15729 / FE & CC, Dt 26.07.23

Copy with copy of enclosure forwarded to the Member Secretary, Central Pollution Control Board, Paribesh Bhawan, East Arjun Nagar, Shahdra, Delhi- 110 032 for kind information and necessary action.

Enclo: As above.

26/7/23

Director, Environment-cum-
Special Secretary to Government

Memo No. 15730 / FE & CC, Dt 26.07.23

Copy forwarded to the Member Secretary, State Pollution Control Board, Paribesh Bhawan, Nilakantha Nagar, Unit- VIII, Bhubaneswar/ Member Secretary, OWSSB, Satya Nagar, Bhubaeswar for information and necessary action.

26/7/23

Director, Environment-cum-
Special Secretary to Government

Minutes of 9th Meeting of Environment Monitoring Cell (EMC) to review the progress under the Chairmanship of Chief Secretary, Odisha in the 2nd floor Conference Hall held on 24.07.2023 at 05.30PM

****

The 9th meeting of Environment Monitoring Cell (EMC) was held under the Chairmanship of Chief Secretary, Odisha in the 2nd Floor Conference Hall of Lok Seva Bhawan on 24.07.2023 at 05.30PM to review the matter of compliance on Solid Waste and Sewage Management in pursuance of order dt.27.01.2023 of Hon'ble NGT, Principal Bench, New Delhi in OA No. 606/2018 and related matters.

The list of participants is placed at **Annexure-I**.

Initiating the discussion, the Director, Environment-cum-Special Secretary, Forest, Environment & Climate Change Department gave a brief background of the meeting with a detailed presentation on the compliances required to the Paras in pursuance of order dt.27.01.2023 of Hon'ble NGT and progress made by the concerned Departments, Organizations with respect to 6 Monthly Progress Reports with verifiable Progress. Thereafter the Principal Secretary, Housing & Urban Development Department made the presentation on Wastewater Management and Status of Bio-Mining of Legacy Waste in the State.

After a threadbare and thorough discussion on issues relating to compliance in the Paras of order dt.27.01.2023 in OA No. 606/2018 of Hon'ble NGT, Principal Bench, New Delhi, the action to be taken as well as progress/status has been achieved so far by concerned departments/organisations are noted as follows:

	Compliances Required to the Paras as per the Direction on 27.01.2023	**Progress made so far**
1	It was intimated that Hon'ble NGT has **appreciated the steps taken by the State for the de-centralised method of management of solid wastes**. The report submitted by the Hon'ble Justice, Sri P.K. Mohanty, Retired Judge, Orissa High Court was also intimated and follow up action is being taken.	Fully compliance of SWM Rules, 2016, effective sewage management and other environmental norms need to be followed by the State as per directions of Hon'ble NGT from time to time. Chief Secretary desired to work in proper coordination with all concerned Departments/ organizations at both urban and rural areas.

FE-ENV1-ENV-0005-2023043/2023

<table>
<tr><td>2</td><td>Establishment of EMC Cells under the Chairmanship of Chief Secretary and Review by the Chief Secretary at State level and review by District Magistrates at the District level.
Declaration of three Model towns/cities and 90 villages.
Para 13</td><td>Environment Monitoring Cell (EMC) has been constituted under the Chairmanship of Chief Secretary and so far 8 nos. of review meetings have been conducted to monitor compliance of various directions passed by Hon'ble Tribunal and review the progress at state level. The last review meeting was held on 01.03.2023.
Three model cities i.e. Bhubaneswar, Berhampur & Rourkela and 3 Model towns i.e. Dhenkanal, Jajpur & Chhatrapur are already declared.
In all the 30 districts it is to be taken up.
Action: H&UD Dept., PR&DW Dept.</td></tr>
<tr><td>3</td><td>Status on MCC, MRF, Legacy waste, Landfill site, Bio-mining activities, Sewage Management being monitored by CMC, Ministry Jal Shakthi, Govt. of India
Para 20 & 21</td><td>SPCB is submitting the MPR in the matter of OA No. 673 of 2018 on monthly basis to NMCG with copy to CPCB. The MPR up to May, 2023 has already been submitted.
Action: OWSSB; SPCB, Odisha</td></tr>
<tr><td>4</td><td>Status of State on SWM (2257 TPD) & 37.46 Lakh MT and current gap of 514 (642 – 128) MLD of sewage management.
Para 25</td><td>The details are: MCC-254 Nos with treatment capacity 1193.5 TPD (Wet Waste) with waste generation quantity 1157 TPD, MRF- 216 Nos with treatment capacity of 2220 TPD (dry waste) with generation capacity of 1104 TPD.
Sewerage system has been constructed in 5 ULBs (i.e., Bhubaneswar, Cuttack, Sambalpur, Rourkela and Puri) and one Wastewater treatment plant has constructed in Talcher Town. The sewage generation in the above 6 ULBs is about 302.01. The installed capacity of STPs in the said ULBs is 375.5 MLD. In 110 ULBs Grey Water Management project is being taken up.
Action: H&UD Department, OWSSB</td></tr>
<tr><td>5</td><td>As per commitment of the State Rs. 1152 Crore (1138) of non-lapsable fund to be kept in ring fenced account to be spent within one year to achieve the gaps as per action plan.
Para 26</td><td>Provision of funds to meet the gap between generation of waste and treatment has been strategized up to FY 2023-24 as below:
<table>
<tr><th>Sl. No.</th><th>Particulars</th><th>Available /released Amount</th><th>Fund to be received</th><th>Total</th></tr>
<tr><td></td><td></td><td colspan="3">Rs. In Crore</td></tr>
<tr><td>1</td><td>5th SFC (Septage Management)</td><td>33.33</td><td>8.34</td><td>41.67</td></tr>
<tr><td>2</td><td>Urban-Rural Convergence for FSSM</td><td>69.62</td><td></td><td>69.62</td></tr>
</table></td></tr>
</table>

		3 | Urban Septage System | 70.00 | | 70.00 4 | Used Water Management SBM (Urban) | | 986.00 | 986.00 Total: | 172.95 | 994.34 | 1167.29 **Action: H&UD Department, OWSSB**
6	State may evolve **mechanism for raising the funds by collecting user charges** from households, contribution of corporate/ business sectors, commercial establishments, and tourists contributing for solid waste generation. **Para 27**	All ULBs are collecting user fee for Solid Waste Management as per Solid Waste Management Bye-laws notified by them. User fee is being collected through **Ama Sahar Mobile App (Online) and also manually (Offline).** **Action: H&UD Department**
7	1.**Scientific handling of waste (processing and disposal**) as per SWM Rules, 2016 2.**Waste Processing facilities** 3.Establishment of de-centralized waste processing facilities of adequate capacity	1. **Decentralized SWM** adopted in accordance with provisions laid down in the SWM Rules, 2016, SOPs in July, 2019, December, 2020 and December 2022 prescribed for Collection, Transportation, Processing & Disposal of Municipal Solid Waste. 2. **Waste to Wealth initiative** **SWM Facilities** | **Number** | **Capacity (in TPD)** | **Waste Generated (TPD)** | **% Capacity Availability** MCC | 254 | 1193.5 | 1,157 (Wet Waste) | 103 MRF | 216 | 2,220 | 1104 (Dry Waste) | 201 Recyclable dry wastes sold to Agencies authorised by SPCB, Odisha and Non-recyclable sent to Cement plants for co-processing. 3. Based on assessment of waste generation in individual ULBs, the MCCs and MRFs of adequate capacity have been set up; Housing& Urban Development Department is regularly

		monitoring the progress made in this regard.
	4.**Segregation of the municipal solid waste at source**	4. **99% segregation of waste at source** is being ensured in all ULBs.
	5.Processing of waste nearest to the point of generation with defined destination	5. Suitable lands identified within the locality for establishment of MCCs and MRFs
	6. **Enlisting involvement of people** **Para 28**	6 i. In a paradigm shift the State has followed a **community driven instead of contractor driven model** associating community in the process. ii. **Swachha Supervisor and SwachhaSathis** have been associated with sanitation value chain strengthening collection of segregated waste from door step and to bring about behavioural change in public. iii. **Swachh Karmis**, the women members of WSHG, Transgender and Waste Pickers are associated with the processing in the Wealth Centres. iv. **IEC activities** such as putting up Wall-paintings, Audio jingles etc. are being undertaken frequently to sensitize people on safe sanitation practices including scientific SWM. **Action: H&UD Department**
8	**End-users of the compost and the rejects are not given.** **(Para 29)**	**Solid Waste** **1.** Wet Waste, being processed at MCCs to generate compost (namely **"Mo Khata"),** is being used by line Departments for **agriculture / horticulture / plantation purposes.** 2. People are also the user of **"Mo Khata"** made available to them through **outlets managed by WSHGs.** 3. **Recyclable Dry Waste**, being segregated at MRFs, sold to Agencies authorized by SPCB, Odisha. **Non-Recyclable Dry Wastes** are transferred to Cement

		factories for co-processing. **Action: H&UD, SPCB**
9	**Dump site management:** Source of air and water pollution generates **foul smell** and for maintaining the **ground water quality,** thus step is to be taken. Use of **reclaimed land** occupied by legacy waste dump sites, Use of CAMPA funds. **Prevention of fire** at dump site. **Para 31 & 32**	The follow up action is being taken up for **bio-remediation of legacy waste** dumpsites. Status of legacy waste dumpsites management is as follows: 1. **Vyasanagar Municipality** has successfully completed bio-remediation of legacy waste dumpsite of 55,000 MT in the ULB. Reclaimed land has been transformed into a park in public interest. 2. Selection of agencies for Bio-mining of legacy waste dumpsites in **Balasore and Bhadrak (Package-I) and Puri (Package-II)** as well as for 87 ULBs of the State is under process. 3. It is being ensured at the **ULB level to prevent any burning of waste** at dumpsites. **Action: H&UD Department**
10	Execution Plan relating to management of municipal solid waste, **Execution of Bio-remediation/ Bio mining process** as per CPCB guideline.	Standard Operating Procedure (SOP) on Decentralised SWM has been circulated among ULBs for strict observance. i. Bio-mining of legacy waste dumpsite in **Vyasanagar Municipality** has been completed. ii. Process is ongoing in **BMC and RMC**; iii. In addition, in 95 ULBs having legacy waste dumpsites, RFP floated for Bio-mining.

S. No.	Status	No. of ULB	Approx. Quantity of legacy waste (in MT)			Status in %
1	Completed	1			55,000	1
2	On-going	2	RMC:	Completed	1,41,156	4
				Ongoing	2,500	42
			BMC:	Ongoing	16,00,000	
3	**RFP floated**					
	Municipal Corporation	3			10,00,000	26
	Municipalities	41			9,27,458	24
	NAC	49			1,11,104	3
4	No Legacy Waste	19			0	0
	Total:	**115**			**38,37,218**	**100**

	All other wastesi.e. Plastic, Construction and Demolition, Bio Medical, Hazardous and E Waste are not to be mingled and treated with solid waste. Guideline of MoHUA on "Waste to Wealth- 2017: under SBM programme is to be followed. **Para 33**	114 ULBs have designated sites for storage of **Construction & Demolition waste**. 126 sites across the State have been webhosted (www.urbanodisha.gov.in). Further, the C&D waste is used for construction of road subgrade, temporary pathways, raising the low-lying areas, etc. All ULBs are collecting **Domestic Hazardous Waste and e-Waste by way of special weekend drive on every Saturday.** For management of **Biomedical wastes,** Government has sanctioned Rs 1813.54 crore to establish ETP & STP at all HCF (Health Care Facilities) of Odisha upto CHC level. Accordingly to establish ETP & STP at DHHs, Rs 211.68 crore have been released & distributed to districts. Works department has already taken up the work and will complete the establishment of ETP & STP at **DHHs by end of FY 2023-24**. Like that upto **CHC level, all the HCFs will be covered by end of FY 2027-28**. **Action: H&UD Department, Health & FW Department, SPCB, Odisha**
11	The **STPs are to be operated properly and monitoring is to be done for compliance of discharge standard.** Treated water is to be used for secondary purpose. **Contamination of soil** on account of Grey water needs to be managed as per "Tool Kit: Grey water Management" A **committee is to be constituted and to submit a report**. The committee is to examine alternative	Total estimated waste water generated in the ULBs of the State is 880 MLD. Against the target of **13 STPs and 120SeTPs** with a total capacity of 377.59 MLD, **12 STPs** (Capacity of 342.50 MLD) **and 112SeTPs** (Capacity of 1.937 MLD) have been made operational. The gap is proposed to be filled up through **Grey water management system**, pilot of which has been taken up in Dhenkanal and Jatni Municipalities and steps are being taken for scaling up of Grey Water Management in 11 identified Lighthouse ULBs in 1st phase. All ULBs have been requested to sprinkle the treated wastewater from STPs on the roads for dust mitigation, landscaping in the STP and SeTP etc. Grey Water management has been undertaken in 4 geographical areas of two towns, namely Dhenkanal and Jatni Municipalities on pilot basis. Soil samples will be taken out of area adjacent to (within 10 metres) lane level

<table>
<tr><td></td><td>options for utilizing the grey water for agriculture with applicable standards, pisciculture or other such purposes. It will be desirable that there is geo-tagging of sewage outfalls in the receiving water system and its marking on GIS based maps with unique code, ensuring that the same are checked and there are no discharges to water bodies.
Para 34</td><td>structures to check for any adverse impact in terms of contamination of soil.

In compliance to the order, SPCB has constituted the Expert Committee vide their Order No. 2993 dt.28.02.2023 (<u>Annexure A</u>) under the Chairmanship of Member Secretary, SPCB. The Committee shall furnish its views on environmental impact on discharge of grey water into leach pits in the state of Odisha and ascertain that whether grey water management is done as per "Tool Kit Grey-water Management" (July 2021) brought out by Department of Drinking Water and Sanitation, Ministry of Jal Shakti, GoI. Accordingly, the meeting of the Committee was held on 16.03.2023. Based on the discussions and subsequent field visits, the compliance report along with recommendations was furnished vide letter No 5813 dt. 10.04.2023 (<u>Annexure B</u>), which was also submitted to Hon'ble NGT vide this department letter No. 9708 dt.11.05.2023(<u>Annexure C</u>).

Action: H&UD Department, PR & DW Department, SPCB, Odisha, OWSSB</td></tr>
<tr><td>12</td><td>Provision of funds to bridge the gap

Para 37</td><td>Provision of funds to meet the gap between generation of waste and treatment has been strategized up to FY 2023-24 as below:

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Action: H&UD Department, PR&DW Department</td></tr>
<tr><td>13</td><td>Adoption of cost effective method of sewage treatment, reduction on</td><td>SPC Board is stipulating ZLD Condition in CTE and CTO order</td></tr>
</table>

	use of water imposing ZLD on industries, Housing societies with imposing CTE/ CTO conditions Para 38	in housing societies above 20,000 Square Meter with monitoring thereof. **Action: SPCB, Odisha**
14	MoEF&CC notification of 25/02/2022 on Management of sewage, waste water, reuse and recycle of treated waste water by dual plumbing system. Common off-site treatment facility (Without Sewage Network) Common off-site treatment facility (With Sewage Network) For projects with built up area of 5000 to 20,000 square meters onsite sewage treatment facility where no Municipal treatment site exists. **Black water to be discharged to septic tank and grey water through treatment system to be discharged / utilised.** For projects above **20,000 square meter on site STP to treat 100 % sewage generated.** Maintaining source of clean water (rivers, storm water drains and water bodies-Lakes, wetlands etc.) free from treated and untreated sewage, channelizing treated sewage for non-portable	In five ULBs having sewer network & STP, such as **Bhubaneswar, Cuttack, Puri, Sambalpur and Rourkela,** all the wastewater generated from households shall be **connected to sewer network which will be treated at STP.** In all the 115 ULBs, FSTPs have been provided for **treatment of faecal sludge** from onsite sanitation systems. 112 FSTPs out of 120 have been commissioned and 8 are in progress. For **grey water management in the ULBs**, on the basis of learning from the pilot conducted in 4 geographical areas of two cities- Jatni(M) and Dhenkanal(M), and recommendation of the Expert Committee formed as per the direction of the Hon'ble NGT, Scale-up strategy and Toolkit has been developed for the city wide scale up of Grey water management in the State. Interventions are to be provided at **four different levels** as mentioned below: 1. **Household level** - Magic Soak pits can be provided at household level 2. **Lane level** – Hybrid leach pits with absorption trenches can be provided in lanes 3. **Community level**–Constructed Wetland can be provided at community level wherever space is available 4. **Outfall level** - For the left-over water which is received at outfall points of the drains due to non-availability of space at household, lane and community level following technologies can be adopted depending on the situation- Waste stabilization pond and maturation pond, Constructed Wetland or Facultative aerated lagoons. CPHEEO manual can also be referred for adopting other nature based technologies at the outfall point. Management of grey water at household and lane level is absorption based structures. The treated water from community level treatment and at outfall level treatment

	purposes. **Para 39**	will conform to the general discharge norms of CPCB/MoEF&CC. For Gray Water Management, following steps have been taken; a. Approval has been obtained for implementation of Grey Water Management (GWM) in 110 ULBs excluding 5 ULBs having sewerage system. b. After successful implementation of grey water management pilot project at Dhenkanal and Jatni, the work has been taken up in **11 lighthouse ULBs namely, Angul, Balasore, Bargarh, Chatrapur, Dhenkanal, Hinjilcut, Jatni, Jajpur, Keonjhar, Koraput, Nayagarh**. c. State level PMU for Grey water management will be set up shortly. d. Each ULB will have a Project Implementation Unit (PIU) for implementation of GWM. The ULB level PIU consists of GWE, M&E Expert, GIS Expert & TULIP Engineers. e. The TULIP Engineers and GIS Expert have been engaged for these 11 lighthouse ULBs. f. A 2-day state level workshop was organized by H & UD department for Chairpersons, Vice-Chairpersons, EO, ME, JE, MIS, TULIPs & other technical staffs for implementation of GWM in 11 lighthouse ULBs. g. Further, the ULBs have conducted a training/ orientation session at their respective ULB level for the elected representatives, Swacha Sathis& MSGs. h. The household survey has been initiated jointly by TULIP Engineers and Swach Sathis in their respective wards allotted. i. The GIS Experts have been oriented and trained for digital mapping of all the household, lanes and drains in the ULB. j. The work in 11 lighthouse ULBs is expected to be completed by March 2024. Based on BOD values of the polluted river stretches during

		the period 2019 and 2021 (2020 has not been considered because of COVID Pandemic), CPCB has **delisted 12 polluted river stretches (BOD < 3.0 mg/L) from the list of earlier identified 19 polluted river stretches (during the year 2017).** The remaining seven polluted river stretches identified during 2022 and their present water quality status is as follows. **Status of Polluted river stretches identified during 2022** Priority category during 2022 (CPCB Publication "Polluted river stretches for restoration of Water Quality-2022") / Action plan under implementation/ proposed* River | Name of Polluted River Stretch | Priority | Numbers Ganguanallah | Ganguanallah along Bhubaneswar | I | 1 Daya | Daya along Narankheta to Kanas | IV | 3 Kuakhai | Kuakhai along Bhubaneswar | IV Mangala | Mangala along Golasahi | IV Kathajodi | Kathajodi along Cuttack | V | 3 Serua | Serua along Sankhatrasa | V Brahmani | Brahmani along Rourkela | V Action plan has approved by CPCB under Implementation May be downloaded the we :www.rrcodisha.org/ac plan/ **Action: H&UD Department, PR & DW Department, SPCB, Odisha**
15.	**Utilization of treated sewage** in Malls, Industrial Estates, Automobile establishments, Power Plants, Play grounds, railway Stations, Bus Stands, Local	All ULBs have been requested to use treated sewage water from STPs for sprinkling on the roads to mitigate dust pollution. **Action: H&UD Department**

	Bodies, Universities etc. to save portable water for drinking purpose. State to make plan for use of treated water. **Para 41**	
16	Effective management of STP and **FSTP**. Guidelines of SBM - U 2.0 are to be referred. **The STPs are to be operated in full utilization capacity.** A centralized mechanismfor operation on continuous basis to be made preferably within one month. **Para 43 &44**	Steps are being taken to upgrade operation of STPs with full utilization capacity. SPCB, Odisha is granting consent to FSTPs and monitoring periodically. **Action: H&UD Department, SPCB, Odisha, OWSSB**
17	**Sewage treatment facilities adopted in terms of septic tank/soak pit/FSTP particularly for Rural areas and Villages** to be reviewed in view of health, hygiene and the guidelines of MoUD. Comprehensive plan to be made for control of (Solid & liquid) pollution with allocation of adequate budget provision. Generation of awareness with public participation and contribution. **Para 45 & 46**	**Liquid Waste Management (LWM)-** • LWM in Rural Odisha is being implemented in line with the **Swachh Bharat Mission Phase II** program. • 1,90,809 **community leach pits** (through SBM-G and FC Grant) and 8,79,547household soak pits (through MGNREGA) have been constructed for the management of grey water in villages. • As on date **16,580 (35.46%) villages have reported arrangements to manage solid waste**. • **Faecal Sludge management-** All the GPs within apx. **20 km distances from ULBs have been tagged for FSM services** with the ULBs. 3,552 GPs out of 6,794 GPs (52%) are linked to all urban FSTPs • **56% of rural HHs** will benefit from with this arrangement • As on date around 100 FSTPs are receiving faecal sludge from the rural areas • Approx. 500 trips per month of faecal sludge are being sent from rural areas to the urban FSTPs There has been a substantial reduction in pollution in the rural water bodies/rivers due to implementation of rural-urban convergence for FSM. SPCB, Odisha is granting consent to FSTPs and granting monitoring periodically. **Action: PR&DW Department, SPCB, Odisha, OWSSB**

18	For both **Solid and Liquid waste effective management** experts to be involved with other stake holders to evolve models for protection of environment. Campaigns with public involvement to be done. Direction passed to Chief Secretary to entrust responsibility to Senior Secretaries to monitor waste management for establishments governed by **non-municipal entities. Para 48**	**Solid Waste Management in Rural Areas** • Solid Waste Management in Rural Odisha is being implemented in line with the Swachh Bharat Mission Phase II program. Accordingly, State's implementation guidelines have been issued. • Additionally, 'The Odisha Rural Sanitation Policy 2020', with focus on SWM has been promulgated. • 65% of the GPs are targeted for SWM arrangements during current FY 2023-24. • As on date 15,635 (33.44%) villages have reported arrangements to manage solid waste, including bio-degradable and plastic waste management. • 32,863 community compost pits (through SBM-G and FC Grant) and 7,25,943 household compost pits (through MGNREGA) have been constructed forthe management of bio-degradable waste in villages. • SHGs have been identified and tagged in 5,493 (81%) GPs to manage the community SWM assets and facilitate plastic waste management. • HH & Institutional level collection of plastic waste has been initiated in 2,073 GPs (31%). • 20,159 waste segregation sheds have been created to facilitate the storage of dry waste collected. • 18,959 vehicles (mostly tricycles) have been procured in the villages for collection & transportation of dry waste. • Mass cleaning of villages is being done on a regular basis to ensure visible cleanliness across all villages. • The department has converged with H&UD Department towards PWM. All GPs are tagged with MRF centres of ULBsfor processing the recyclable waste which are being collected at GPs and periodically transferred to ULBs.Department has instructed all the districts to initiate door-to-door collection across all the GPs by 30 June 2023 vide letter no. 11536 dated 29.05.2023(**Annexure D**). • All GPs to be made compliant to SWM Rules 2016, through SBMG Phase II program by FY 2024-25 **Liquid Waste Management (LWM) in Rural Areas** • LWM in Rural Odisha is being implemented in line with the Swachh Bharat Mission Phase II program. • 1,90,809 community leach pits (through SBM-G and FC Grant) and 8,79,547household soak pits (through MGNREGA) have been constructed for the management of grey water in villages.

		• As on date 16,580 (35.46%) villages have reported arrangements to manage solid waste. • **Faecal Sludge management-** All the GPs within apx. 20 km distance from ULBs have been tagged for FSM services with the ULBs. 3,552 GPs out of 6,794 GPs (52%) are linked to all urban FSTPs • 56% of rural HHs will benefit from with this arrangement • As on date around 100 FSTPs are receiving faecal sludge from the rural areas • Approx. 500 trips per month of faecal sludge are being sent from rural areas to the urban FSTPs **Action: PR&DW Department, OWSSB**
19	While reviewing the progress in formulation and implementation of **District Environment Plan (DEP),** as per Articles 243 W and other provisions of the Constitution read with 11th and 12th Schedule, vide order dated 17.01.2023 in O.A No. 360/2018, Shree Nath Sharma vs. Union of India &Ors., the Tribunal noted that in the State of Odisha **District Environment Plans have been prepared for all the 30 Districts** which are to be duly implemented by the District Magistrates through District Level Committees(BMW management is linked). The District Environment Plans must have authentic and updated database which can be helpful for policy making and execution of projects. Monitoring of bridging of gaps in sewage and solid waste management in districts is required by the Chief Secretary through a suitable nodal officer,	**District Environment Plans for all the 30 Districts of the State are uploaded** in website of the Districts Portal and State Portal. Further, District Magistrates are executing the Action Plan of projects by referring District Environment Plans of the concerned Districts. The Additional Chief Secretary, FE & CC Department is the nodal officer for oversee the District Environment Plans and State Environment Plan. The matter of **BMW management to be reviewed by Commissioner cum Secretary, Health & Family Welfare Department**. Dedicated *web-portal* ***"Swachha Sahara Odisha" and mobile app "Ama Sahara"*** have been developed to reflect status of Solid Waste Management in ULBs and also monitoring. **Dedicated Portal for monitoring of FSTPs** is under trial run.

	preferably of the rank of Additional Chief Secretary. Status of sewage and solid waste management with respect to each city, town and village be placed on State's portal and be made part of District environment Plan. This may be done in nexttwo months. **Para 50 & 52**	**Action: FE&CC Dept., Health & FW Dept. PR&DW Dept. H&UD Dept., District Collectors**
20	**Waste Management in Armed Forces and Cantonment area** and co-ordination with ULBs and monitoring thereof. State to interact with Defence organisation to share work experience. **Para 53 & 54**	Suitable follow up action is to be taken by the departments concerned. **Action: H&UD Department**
21	**Centralized single window mechanism for planning, capacity building and monitoring of waste management at the State level.** Local authorities have to do their duty and stock taking at the district levels to continue with due supervision and control of such mechanism. It should be headed by an officer of the rank of Additional Chief Secretary with representation from concerned departments – Urban Development, Rural Development, Environment and Forest, Agriculture, Water Resources, Fisheries and Industries. The mechanism should be working on fulltime basis. Continuous training	**State Level PMU for SBM (Urban) and a State Level Technical Support Unit (TSU)** have been constituted to look after issues of planning, capacity building and monitoring etc. of solid and liquid waste management respectively. In compliance to the direction dt. 27.01.2023 of Hon'ble NGT in O.A. No. 606/2018, the State Government has constituted a **Committee under the Chairmanship of Principal Secretary to Govt., Housing and Urban Development Deptt**. vide Forest, Environment & Climate Change Department Order No.7224 dated 11.04.2023 as **Annexure E**, which functions as a centralized single window mechanism for planning, capacity building and monitoring of waste management at state level. The committee shall prepare blue print, review the progress in bridging the gaps in sewage and solid waste management, establishing interaction with the stake holders, including experts, institutions, concerned departments, community members and all other stake holders. The minutes of the review meeting held on 19.06.2023 is enclosed as **Annexure F** for appraisal.

	programme for those involved in execution of waste management projects. **Para 55**	**Action: H&UD Department, FE&CC Department**
22	**Compliance to SWM Rules, 2016 being monitored by CMC, Ministry of Jal Shakti.** **Para 59**	Monthly Progress Report (MPR) in the matter of OA No. 673 of 2018 (More river stretches are polluted) are being regularly submitted to SPCB and FE&CC Deptt. For further needful action at their end. MPR for the Month of May, 2023 has been submitted to SPCB vide H&UD Department Letter No. 12452 dated 19.06.2023as**Annexure G**, with a copy to FE&CC Department. MPR for the Month of May, 2023 has been submitted by SPCB to NMCG, Ministry of of Jal Shakti with a copy to CPCB for necessary action vide their letter No. 9959 dated 26.6.2023 as **Annexure H.** **Action: H&UD Department, SPCB, Odisha**
23	State to raise funds from generators / contributors of waste. There is gap of ***514 MLD in sewage generation*** and treatment and ***legacy waste of 37 Lakh MT***. As such the State would be liable to pay compensation of about Rs. 1138 crore at the rate of compensation fixed in other States. Since, higher amount funds allocated of an amount **Rs. 1152 crore,** to be credited to a separate ring fenced account for the purpose. The Hon'ble NGT refrained from levying EC on the State of Odisha for time being. Ring-fenced account may be kept as 'non lapsable' fund. **Para 62, 64 & 65**	Process for selection of agencies for Bio-mining of legacy waste dumpsites in 93 ULBs is ongoing and at different stages for successful implementation. The gap of 514 MLD in generated sewage and treatment will be managed through Grey Water Management. In this regard, after implementation of pilot projects at 4 locations of Jatni Municipality and Dhenkanal Municipality, Grey Water Management in 11 Lighthouse ULBs has been undertaken. Simultaneously, in consideration of financial implications for above projects under process, Steps are being taken for utilization of Rs. 1152 Crore through non-lapsable ring-fenced account. The above fund as committed by the State will be utilized exclusively for waste (both solid and liquid) management in timeline for successful implementation as per directions of the Hon'ble NGT. **Action: PR&DW Department, H&UD Department**

Further, the Chief Secretary, Odisha suggested to prepare a pocket booklet on Environment Management Plan depicting the DOs and DON'TS, which will act as a ready reckoner for the concerned Authorities at the decision making level. He further suggested to make self explanatory animated videos on Wastewater Management having 5min to 7min duration, which can be used as IEC and capacity building materials for awareness generation of general public at a large scale.

The Meeting ended with Vote of thanks to the Chair.

Approved

CHIEF SECRETARY

Annexure-3

Minutes of the 5th meeting of River Rejuvenation Committee held on 22.8.2025 at 4:00 PM through Virtual Mode

The 5th meeting of River Rejuvenation committee was held on 22.8.2025 at 4: 00 PM through virtual mode under the Chairmanship of Additional Chief Secretary, Forest, Environment and Climate Change Department. The list of the participants attended the virtual meeting are enclosed as Annexure-1.

With the permission of the Chair, Member Secretary of State Pollution Control Board, Odisha gave a detailed presentation as given below on the actions taken by different organizations as compliances to the minutes of meeting of the 4th meeting of River Rejuvenation Committee held on dated 07.9.2021 and also discussed the directions of Hon'ble NGT in the matter of OA 673 of 2018 (More river stretches are polluted) for compliance purpose

Sl No.	Decisions taken in 4th RRC meeting	Progress made so far	the decisions taken
1.	H & UD Department will expedite the sewerage network infrastructure to attain total capacity utilization of the STPs.	Out of the total 373.5 MLD installed capacity of 12 STPs in five municipalities, 180.6 MLD of wastewater is currently being treated as of June 2025. As communicated by the department through MPR June 2025, it will expedite the house sewer connection and sewerage network to ensure full capacity utilization by June 2027. MD, WATCO briefed on the projects so far taken by the department with respect to decrease the gap of wastewater treatment capacity through completing the house sewer connection to the sewer network and sensitizing the public for sewer connection..	Smaller targets of house sewer connectivity to be figured out with shorter timeline by the **H & UD Deptt..** The same to be reflected in the information to be provided in MPR. **Time limit : 2 months**
2.	H & UD Department to provide updated status of details of Town-wise and Stretch-wise septage management undertaken in the entire State to the SPCB in each month to include in MPR.	120 SeTPs has been commissioned in 115 ULBs of the State with a total installed capacity of 2.087 MLD	H & UD Deptt. will take necessary steps for 100% capacity utilization. The information on capacity utilization to be communicated through MPR. **Time limit : 2 months**
3.	SPCB will strengthen the monitoring	About 45 industries under 17 category have adopted	**Industries department and SPCB** will expedite

	mechanism for the implementation of the recycle, reuse and zero discharge concept of treated wastewater.	Zero Liquid Discharge (ZLD). 63 number of industries have installed Continuous Effluent Quality Monitoring systems (CEWQMS) at 109 locations and 10 mines installed at 27 stations and connected to Board's server for online monitoring. Board has also directed to install IP Camera at outlet discharge point with data connectivity to Board's server. As of May, 2025, among 1444 water polluting industries, only 38 industries have been issued closure directions for not having ETP.	the functioning of these 38 industries with appropriate monitoring and taking measures for the implementation of the recycle, reuse and zero discharge. **Time limit : 2 months**
4.	Action Plan for addressing the coastal zone pollution needs to be prepared and submitted to CPCB.	SPCB, Odisha has submitted the "Draft Action Plan to control marine pollution in 480 Km coastline in Odisha" to CPCB, for which CPCB sought additional information on details of management of Sewage, Industrial effluent and other waste, action plans for waste management with budget provision and timeline for project execution. Information from concerned Deptts. in this regard is awaited.	Action to be taken by **1. Water Resources dept.** **2. H & UD department** **3. Panchayati Raj and Drinking Water Department** **4. OCZMA** **5. Directorate of Fisheries** **6. Directorates of Industries** **7. Soil Conservation & Watershed Development** **And other concerned** **Time limit : 1 month**
5.	Water Resource Department to take action in the regard for calculation of e-flow of the rivers and mechanism of e-flow maintenance of rivers during non-monsoon periods.	E-Flow data has not yet been received from the **Water Resource department.** Chief Engineer, Drainage informed about the completion of e-flow calculation for the Mahanadi river and it is under process for other rivers in the state as well.	**WR Deptt.** will submit the e- flow calculation data for all the river in the state, at the earliest. Besides these, Water Resource Department will take actions to maintain e-flow of all rivers during the lean period. **Time limit : 4 months**

Besides the above matters, Additional Chief Secretary has also suggested to conduct monthly/ quarterly review of water quality status of surface water

bodies and to initiate appropriate actions to restore the water bodies as well as conduct River Rejuvenation Committee meeting on regular basis.

The meeting ended with vote of thanks to the Chair

11/9/25

Additional Chief Secretary

Forest, Environment & Climate Change Department

Annexure-1

List of Members attended the meeting:-

1. Addl. Chief Secretary, F, E& CC Deptt. (Chairperson)
2. Director-cum-Special Secretary, F, E& CC Department.
3. Managing Director, WATCO (H & UD Department)
4. Deputy Director of Industries, Industries Department.
5. Chief Engineer, Drainage, Water Resources Department.
6. Member Secretary, State Pollution Control Board, Odisha (Member Convenor)

Annexure-4

E-mail : paribesh1@ospcboard.org

FAX : 2562822/2560955
TEL : 2564033/2563294
EPABX : 2561909/2562847

STATE POLLUTION CONTROL BOARD, ODISHA

[DEPARTMENT OF FOREST, ENVIRONMENT & CLIMATE CHANGE, GOVERNMENT OF ODISHA]
Paribesh Bhawan, A/118, Nilakanthanagar, Unit-VIII,
Bhubaneswar - 751 012

No. 11553(6) Dt. 26.07.2023

VI-SC (LEM) Misc-194/23-24

By Email

HIGH COURT MATTER

To

The Principal Secretary to Govt., Housing and Urban Development Department
The Director, Env-cum-Spl. Secretary, Forest, Environment and Climate Change Department
The Vice Chairman, Bhubaneswar Development Authority
The Commissioner, Bhubaneswar Municipal Corporation
The Engineer-in-Chief, Odisha Water Supply and Sewerage Board
The Managing Director, WATCO

Sub: Minutes of the Meeting with BDA, BMC and Resident Welfare Association held on 19.7.2023 at 3:30 PM in the 1st floor, Conference Hall of the Revenue Building, Lok Seva Bhawan, in compliance to the directions in WP(C) No. 7469 of 2017- Registrar Judicial, Orissa High Court, Cuttack vs. Union of India & Others order dated 15.5.2023, Reg

Sir,

In inviting a reference to above cited subject, I am directed to enclose herewith the minutes of meeting with BDA, BMC and Resident Welfare Association held on 19.7.2023 at 3:30 PM in the 1st floor, Conference Hall of the Revenue Building, Lok Seva Bhawan under the Chairmanship of the Additional Chief Secretary to Govt. in Forest, Environment and Climate Change Department in compliance to the direction at para 15 of the Order in WP(C) No. 7469 of 2017 dated 15.5.2023.

It is, therefore, requested to kindly submit the compliance status to the Board both in PDF and MS Word file (email: membersecretary@ospcboard.org) for necessary action at this end .

Yours faithfully,

Encl : As above

N. Mallik 26/7
Chief Environmental Scientist

Memo No. 11554 Date 26.07.2023

Copy forwarded to the Officer on Special Duty (OSD) to the Chief Secretary, Odisha for kind information of the Chief Secretary.

N. Mallik 26/7
Chief Environmental Scientist

Contd.. p/2

OSPCB-CL-MISC-0006-2023/5/2023

Memo No. 11885 Date 26.07.2023

Copy forwarded to the Senior PS to the Additional Chief Secretary, F, E and CC for kind information.

Chief Environmental Scientist

Memo No. 11886 Date 26.07.2023

Copy forwarded to the PS to the Member Secretary of State Pollution Control Board, Odisha, Bhubaneswar for kind information.

Chief Environmental Scientist

Memo No. 11887 Date 26.07.2023

Copy forwarded to the Chief Environmental Scientist (ULB), State Pollution Control Board, Odisha, Bhubaneswar for kind information and necessary action.

Chief Environmental Scientist

Memo No. 11888 (401) Date 26.07.2023

Copy forwarded to the Resident Welfare Association (401 Numbers, List annexed), Bhubaneswar Municipal Corporation area for kind information and necessary action.

Chief Environmental Scientist

Memo No. 11889 Date 26.07.2023

Copy forwarded to the Regional officer, State Pollution Control Board, Odisha Bhubaneswar area for kind information and necessary action.

Chief Environmental Scientist

OSPCB-CL-MISC-0006-2023/5/2023

Govt. of Odisha

Forest, Environment and Climate Change Department

Meeting with BMC and Resident Welfare Association in compliance to the direction at Para 15 in the order of Hon'ble High Court in WP(C) No. 7469 of 2017- Registrar Judicial, Orissa High Court, Cuttack vs. Union of India & Others dated 15.5.2023 , held on 19.7.2023 at 3:30 PM in 1st Floor, Conference Hall of the Revenue Department, Lok Seva Bhawan

****

A meeting was held on Dt. 19.7.2023 **under the Chairmanship of the Additional Chief Secretary to Govt. in Forest, Environment and Climate Change Department to** review the actions taken on the restoration of Gangua nallah which is getting polluted by discharge of untreated wastewater of Bhubaneswar city.

The list of participants of the meeting were as follows.

1. Dr. K. Murugesan, IFS, Director, Env.-cum-Spl. Secretary, F E & CC Department
2. Sri Balwant Singh, IAS, Vice Chairman, Bhubaneswar Development Authority
3. Sri Vijay Amruta Kulange, IAS, Commissioner, Bhubaneswar Municipal Corporation
4. Ms. Durgesh Nandini Sahoo, Addl. Secretary, H & UD Department
5. Sri Prasant Kumar Mohapatra, Engineer-in-Chief, Odisha Water Supply and Sewerage Board
6. Sri Niranjan Mallick, Chief Env. Scientist, SPC Board, Odisha
7. Dr. Sohan Giri, Regional Officer, SPC Board, Bhubaneswar

As per the direction of Hon'ble High Court at para 15 of the order dated 15.5.2023, President/ Secretary of Seven Resident Welfare Associations in Bhubaneswar Municipal area, covering three zones of Bhubaneswar, such as, North, South West and South East zone, also invited to the meeting. List of participants on behalf of Resident Welfare Associations were as follows.

1. Sri Bhaktabandhu Das, Secretary, Nigamananda Nagar Welfare Association
2. Sri Bhagabat Prasad Das, President, Acharya Vihar Parishad
3. Mrs. Meena Patnaik, Secretary, Kedargouri Residential Welfare Association
4. Ms. Mamata Lenka, Secretary, K-8, Kalinganagar Residential Welfare Association
5. Sri Gajendra Nath Bar, President, Sweety Housing Complex, Unit-6, Ganganagar
6. Sri Radhakanta Das, president, Rangamatia Social forum
7. Sri Priyabrata Mishra, Member, Rangamatia Social Forum

Dr. K. Murugesan, IFS, Director Environment cum Member Secretary, State Pollution Control Board, Odisha welcomed all the members attended the meeting and briefed about the pollution of Gangua nallah due to the discharge of untreated wastewater of Bhubaneswar through ten major natural drains within the city limit. As Gangua nallah discharges to Daya nallah which outfalls into Chilika lake, he stressed upon the restoration of Gangua nallah. As Gangua nallah is also being reviewed under Hon'ble NGT case and being

regularly reviewed by the Central Monitoring Committee under the Chairmanship of the Secretary, Ministry of Jal Shakti, constituted by the Hon'ble NGT, he has requested for a coordinated approach of Bhubaneswar Development Authority, Bhubaneswar Municipal Corporation and Resident Welfare Associations for timely completion of several actions being taken by the State Government for restoration of water quality of Gangua nallah. Further he mentioned that, though only seven Resident welfare Associations were invited to the meeting, the minutes of the Meeting will be circulated to all Resident Welfares Associations of Bhubaneswar for information and compliance.

With the permission of the Chair, Vice Chairman, Bhubaneswar Development Authority made a power-point presentation on the compliances made so far to achieve the gap regarding the management of wastewater and solid waste in the Bhubaneswar city as per the agenda points of discussion as follows.

Agenda Points	Compliances presented	Decisions
(a) Actions taken for installation of Sewage treatment Plant in Bhubaneswar and to be operated with full capacity utilization.	5 nos. of STPs (such as Meherpalli (56 MLD), Basuaghai (28 MLD), Kochilaput (43.50 MLD), Paikarapur (8 MLD) and Rokat (48 MLD)) having total capacity of 183.5 MLD has been constructed, commissioned and made operational. The Sewerage Project of Bhubaneswar city has been handed over to WATCO.	Action may be taken for full capacity utilization of the STPs by completing the sewerage network and house sewer connections at the earliest. Mechanism may be evolved for levying user charge to the households, corporate/ business sectors, commercial establishments etc.
(b) Completion of sewerage network and house sewer connection	988.06 km of sewage network has been laid in Bhubaneswar city of which Old network: 444 km and new network: 544.06 km. 1,09,644 (50.26%) nos. of House sewer connection has been made out of 2,18,124 nos. of Households. WATCO will prepare DPR for sewerage connections in slum and non-slum households and implement the project so that all the households are connected to the sewerage system.	
(c) Plans for Utilisation of treated water from STPs in Malls, industrial Estates, Automobile establishments, Play grounds, Railway Stations, Bus Stands, Fire fighting gardening etc to save potable water for drinking purpose	A City Coordination Committee (CCC) under the Chairmanship of Vice Chairman of BDA has been constituted for the following activities. a. Pond treatment system in vacant land of STPs shall be taken up by WATCO as per the decision taken in the meeting held under the Chairmanship of Principal Secretary, H & UD Dept.. on 08.07.2023. b. Rejuvenation of Waterbodies, increase in the stormwater treatment capacity area by	To be followed up. SPCB to provide information on the compliance status of industries operating in Bhubaneswar.

	desilting and canal widening along with in-stream ecological treatment of water in the stormwater drain network has been initiated. c. Pilot projects in Drain 10 (Lake Zone1 - BDA City Centre), Drain 7 (Spring Tank) are under progress. DPRs for Drain 10 (Lake Zone3) & Drain 4 (Utkal University) have been prepared. d. Enumeration of Industrial units, Effluent Treatment Facilities and types of pollutants in the Industrial areas is under progress by IDCO. e. Reuse of treated waste water are being done mostly for gardening purposes.	
(d) Actions taken for Septage Treatment Plant in Bhubaneswar	Two Septage Treatment Plants each of 75 KLD capacity have been commissioned and operating in Bhubaneswar. All Cesspool vehicle operators have been instructed to register under BMC, to be geo-tagged. Actions are being taken to impose fines for violators.	To be followed up.
(e) No faecal contaminants are discharged into water streams/ponds/rivers	Bhubaneswar Municipal Corporation has published a notification vide no. 45196 dated. 20.09.2022 in leading English news Paper and Vernacular language to inform as follows: a. All the individual households are to connect the grey water to the existing sewer network or construction of captive septic tanks and ensure de-sludging of septic tanks once in 3 years. b. All apartment complexes, gated communities, commercial establishments, RWAs, BWGs, offices, and institutions existing under BMC administrative control to construct captive sewage treatment plants/septic tanks and connect the outlet treated water to the operational sewerage network in the concern area.	To be followed up.

(f) Control of open defecation through construction of community toilets/ Public toilets/ individual House hold toilets	Actions have been taken to install community/Public/ Mobile/E toilets to control open defecation practice. So far, 122 nos. of Community Toilets, 57 nos. of Public Toilet, 25 nos. of E-Toilet, 3 nos. of Mobile Toilet with total sitting capacity of 1586 nos. have already been constructed in the city limits. Further, there is a proposal of 63 numbers of community toilets with under JAGA mission with total sitting capacity of 4149 nos.	To be followed up.
(g) Municipal solid waste dump site management	Bio-mining work commenced for the management of Legacy Waste at Bhuasuni Dumpsite (approximately 16 Lakh MT quantity)	Steps to be taken for air pollution, water pollution, foul smell and for maintaining the ground water quality to be taken. Biomining work to be completed as proposed.
(h) Generation of awareness with public participation and contribution.	Generating awareness with public participation as follows are being carried out for promoting sustainable practices, addressing environmental issues, and achieving positive change. ■ Orientation of BWGs and RWAs on Decentralised Waste Management System. ■ Community Participation through 'MO WARD' meetings. ■ Orientation on Mu Safaiwala Campaign to RWAs and Schools. ■ Campaign on Source segregation, prohibition of open dumping in public place, road, canals and rivers and scientific management of municipal waste. ■ RRR (Reduce Reuse and Recycle) campaign organized by BMC to encourage people to reduce their waste, recycle properly, and reuse items in order to create a more sustainable environment. ■ Campaign in marketplaces, haats, Malls and other commercial establishments on	To be followed up.

	ban of single use plastics.	
(i) Prevention of indiscriminate dumping of solid waste on the river bank	To prevent indiscriminate dumping of solid waste on the river bank awareness campaigns were being carried out and public notices were being issued to avoid open dumping in public places, roads, drains, canals, water bodies etc.	To be followed up. Imposition of fines on violators may be taken up.
(j) Comprehensive plan to be made for control of (Solid & liquid) pollution with allocation of adequate budget provision.	Steps are being taken for the de-centralised method of management of solid wastes through commissioning of MRF and MCC facilities. Besides, the Centralised wastewater treatment system like installation of STPs and connecting through Sewer network, decentralized wastewater system like onsite sanitation system, containment of sewage and septage and measures to take them to the Septage treatment plants are also in process.	To be followed up.
(k) For projects with built up area of 5000 to 20,000 square meters onsite sewage treatment facility where no Municipal treatment site exists. Black water to be discharged to septic tank and grey water through treatment system to be discharged / utilised.	There are approved 1554 nos of Apartment Building, 39 commercial Building, 45 Hotel Buildings and 31 Institutional Buildings in Bhubaneswar.	To be followed up to ensure installation of onsite sanitation systems. SPCB to ensure compliance to the discharge norms.
(l) For projects above 20,000 square meter on site STP to treat 100 % sewage generated and channelising treated sewage for non-potable purposes. STPS are to be operated properly and monitoring is to be done for compliance of	There are 81 large projects having more than 20,000 sq. m built-up area	SPCB to ensure compliance regarding installation of STPs, their functionality and compliance to discharge norms

discharge standard.		
(m) Solid waste management Practice	To ensure solid waste management by Resident Welfare Associations (RWAs) several campaigns were being carried out by BMC for compliance of the following: a. Source segregation of waste at least into three categories such as dry, wet and domestic hazardous waste. b. Processing of segregated waste by developing captive scientific processing facilities for dry and wet waste. c. The RWAs or BWGs who do not have in house processing facilities shall avail the door-to-door collection facilities provided by BMC on submission of user charges. d. The segregated waste need to be handed over to the designated vehicles only engaged by BMC. e. Throwing or dumping of garbage in public places, drains, water bodies, vacant lands and other places other than designated for the said purpose is completely banned and penal action shall be taken against the violator as per appropriate statutory provisions.	Compliance report of Resident Welfare Associations (RWAs) regarding the solid waste management practice to be submitted within one month.
(n) Effectiveness of ban on single use plastic to reduce the plastic waste generation from the residential complex	BMC commissioner informed that till date Rs. 53,51,920/- Fine towards enforcement of Ban on Single Use Plastic and has seized 30 MT of banned items.	RWAs to ensure the effectiveness of ban on single use plastic .
(o) Illegal encroachment on the drainage path of natural drains.	Regular enforcement activities are being carried out by Zonal Dy. Commissioner (ZDC) and central enforcement team to avoid illegal encroachment on the drainage paths of natural drains.	To be followed up by the BDA and BMC.
(p) Allocation of budget for environmental management in Resident		To be followed by the RWAs

Welfare Association Fund.		

Concluding Remarks

The Chairman appreciated the actions already taken by the Bhubaneswar Development Authority, Bhubaneswar Municipal corporation and the Board and directed to take actions for proper compliance of the actions envisaged under control of solid waste and liquid waste management of Bhubaneswar city and as per the directions issued from time to time. He advised to work in proper co-ordination so as to uphold the Garima of Bhubaneswar city as a Smart City. The Residents of Bhubaneswar should not think only about their Rights of living in Bhubaneswar, but also give proper justice to their responsibilities to their local environment as well as the environment in a broader prospect.

The meeting ended with vote of thanks to the Chair and also to the Participants.

Shri Satyabrata Sahoo, I.A.S.
Addl. Chief Secretary to Govt.
Forest, Environment and Climate Change Department
Govt. of Odisha

Annexure-5

Orissa Water Supply & Sewerage Board
Satyanagar, Bhubaneswar-751 007
Phone:(0674) 2571185, e-mail : eicowssb@gmail.com

No. 1287 /dt. 30.04.2024
W-11/2022

To

The Municipal Commissioner, BMC, Bhubaneswar
Chief Executive Officer, WATCO, Bhubaneswar
Chief General Manager, IDCO, Bhubaneswar
CE-cum-Addl. Secy. to Govt.
H&UD Department, Govt. of Odisha
Chief District Medical Officer, Khordha
Planning Member, BDA, Bhubaneswar
Superintending Engineer, PRACHI Division, W.R. Deptt.
Deputy Commissioner (Sanitation), BMC
General Manager, Smart City Limited, Bhubaneswar
Divisional Head, IDCO, Bhubaneswar
Regional Officer, OSPCB, Bhubaneswar
The GIS Specialist, ORSAC
The Tahasildar, Bhubaneswar
Sri Chinmoy Tripathy, M/s TEC, OISIP, JICA
Sri Cherysh Karuvely, PMU, PHEO

Sub: Minutes of 11th Task Force meeting held on 25.04.2024 for abatement of pollution of River Daya.

Sir,

With reference to the above, it is to enclose herewith the approved minutes of meeting held on **25th April, 2024** under the Chairmanship of Vice Chairman, BDA, Bhubaneswar for taking further necessary follow up action at your end.

Yours faithfully,
30/4/24
Engineer-In-Chief
& Member Convener

Encl: As above

Memo No. 1288 /dt. 30.04.2024

Copy forwarded to P.A to Vice Chairman, Bhubaneswar Development Authority for kind information of the Vice Chairman, BDA.

Encl: As above

30/4/24
Engineer-In-Chief
& Member Convener

Minutes of the11thTask Force Meeting held under the chairmanship of Vice Chairman, BDA on abatement of the pollution of River Daya on 25.04.2024 at 04.00 PM in the conference hall of Bhubaneshwar Development Authority, Bhubaneswar

Members present: Annexed

The Vice Chairman, BDA welcomed all the participants in the meeting. After detailed deliberations, the following decisions weretaken.

Sl. No.	Organization	Issues	Decisions taken
1.	WATCO	a) Land acquisition at confluence of Daya &Gangua	1. It was observed that theland acquisition proposal in complete shape has not been submitted to Tahasildar by WATCO. Further, estimate for construction of STP Daya-Gangua confluence has not been prepared and administrative approval not obtained. Vice Chairman, BDA expressed his displeasure for slow progress in land acquisition. CEO WATCO will expedite the land acquisition proposal and obtain Administrative Approval for the construction of STP at the confluence of Gangua& Daya immediately.
		b) Policy for sewer connection	2. CEO, WATCO has submitteda draft policy for household sewer connection to expedite sewerage connection tothe H&UD Department vide WATCO letter No.4793 dated 14.08.23 for consideration.
		c) Completion of sewerage systems in Districts-I, II, III, IV, V & VI of Bhubaneswar City.	<u>Completion of Sewerage works</u> 1. Sewerage work in Sewerage District-I& IV are completed. 2. CEO, WATCO will intimate the action taken by him and details of correspondences made in the last 3 months alongwith a brief of the matter relating to construction of Sewage Pumping Station (SPS)at GopaluniPokhari in District-II.

Sl. No.	Organization	Issues	Decisions taken
			3. In District-III balance 2.98 km. sewer laying work shall be taken after General Election 2024. 4. <u>Sewerage District-VI</u> WATCO representative shall meet the DCP, Bhubaneswar in connection with installation of Transformer in the SPS at Pathargadia with the court order vacating the stay.
		d) House sewer connection	5. Total 2100 nos. of house connections have been made in the last 3 months (26th Jan to 25th April, 2024) in SD-I, SD-II, SD-III, SD-IV & SD-VI taken together. This is about 700 nos. of connections per month which is very low compared to the targets of 54, 436. 6. In order to accelerate sewer connections to households, WATCO & BMC should jointly coordinate to meet at Zonal & Ward level involving the JAL SAATHIs to create awareness in public. The detail action plan should be prepared with lane wise information and timelines to achieve full household connection in 1 year i.e. by March 2025.
		e) Completion of pond treatment system in the vacant STP lands in District-I, II, III & VI of Bhubaneswar City.	<u>Pond Treatment System</u> 7. It was intimated that construction of treatment ponds have been completed in STP land of Sewerage District-I, II, III & VI. Balance pumping station works will be completed by May 2024. The retention time of wastewater in each pond site was intimated to be about seven days. 8. Plantation activity and parking facility at Kochilaput site and plantation in other 3 ponds should be carried out in consultation with DFO (City).
		f) Sewerage System in	

		g) Drain-10 Catchment sewer connection	9. Sewerage works in 444 slums have been tendered by WATCO in 10 packages. The Bid opening date is 30.04.2024. 10. BMC & WATCO should coordinate in such a manner that community toilets in slum area should be connected to the sewer system built/ to be built. 11. DPR for uncovered areas have beenAdministratively Approved and tender has been invited by WATCO in 12 packages. The Bid opening date is 17.05.2024. The period of completion is 2 years. The progress of project will be reviewed by "Daya Task Force". 12. The WATCO representative intimated that 5919 house sewer connections areto be made in the catchment of Drain No.10. TheVice Chairman, BDA advised WATCO to prepare an action plan for 100% connections.
2.	IDCO, Bhubaneswar	DPR for Sewerage system in IDCO area	WATCO will prepare DPR for sewerage system in IDCO industrial areas in Chandaka, Mancheswar&Rasulgarh by 15.05.2024. IDCO will furnish the required information as per the format to be provided by WATCO.

Sl. No.	Organization	Issues	Decisions taken
3.	CDMO, Khurda	Quantification of biomedical waste generated in clinical establishments, Nursing Homes and medicine stores and their safe disposal	1. BMC will provide lane level address of clinical units operating in BMC area to CDMO, Khurda for physical verification and validation. 2. CDMO will validate the data and segregate units which have been registered and others not yet registered. Accordingly, notice is to be issued by CDMO, Khurda for necessary compliance. 3. CDMO, Khurda will provide unit wise and month wise data on quantity of waste generated in each of these units and compare them with the established norm. 4. CDMO, Khurda will provide information unit wise quantity of waste given to M/s Sani Clean for safe disposal. 5. CDMO, Khurdaintimated that 10 new clinical units have been registered in last 3 months. 6. BMC representative intimated that meeting of Drug Inspectorshave been held regarding enforcement of safe disposal of outdated/expired medicines. 7. Durg Inspectors must collect thenumber of stores with list of stores and volume/quantity of outdated medicines disposed by each store each month. 8. The Drug Inspectors must provide to BMC certification regarding safe

Sl. No.	Organization	Issues	Decisions taken
			disposal of outdated medicines each month.
4.	SPCB, Bhubaneswar	Bulk Wastewater Generators	1. Regional Officer, SPCB intimated that number of working Industrial units in IDCO areasis 935 nos. Out of which 369 nos. of Industrial units are exempted from Consent to Operate (CTO). Remaining 566 units must obtain CTO from SPCB. It is revealed that only 92 units out of 566 units have taken CTO. It was decided that notice should be issued by SPCB to 474 units not having CTO. Information regarding the date since these 474 industrial units are operating without having CTO should be intimated by IDCO. 2. IDCO will collect CTO application from all the 474 clinical units within 1 month for approval by SPCB. 3. During review meeting, it was revealed that number of industrial units requiring ETP = 59 & requiring STP = 11. Number of units having ETP = 39 and units having STP = 10. It was decided that balance 20 units should installETPs by 15.05.2024 and balance 1 unit to install STP by 15.05.2024. 4. IDCO intimated that for solid waste management, MoU has been finalized with BMC.Only rate is to be decided. 5. In the next review meeting the status of

Sl. No.	Organization	Issues	Decisions taken
			drain cleaning in BMC and IDCO areas will be reviewed. 6. Regional Officer, SPCB intimated that 2nd time tender for onboarding of an agency for collection of wastewater samples is under process and bid will be opened by end of May 2024. 7. The survey of Wastewater management in gated colonies and large housing colony needs to be expedited.

The meeting ended with thanks to and from the chair.

Vice Chairman
Bhubaneswar Development Authority

Annexure- 6

Latest Water quality of polluted river, its tributaries, drains and ground water quality in the catchment of Polluted River stretches during August , 2026

Polluted River stretch: **August** , **2026**

Name of polluted river stretch (CPCB Publication "Polluted river stretches for restoration of Water Quality-2025")	**Name of Monitoring Station**	**pH**	**DO, mg/L**	**BOD, mg/L**	**TC, MPN/100ml**	**FC, MPN/ 100 ml**	**FS, MPN/ 100 ml**	**Water Quality Status (Conforming (C) / Non-Conforming (NC)**
1. Gangua Nallah (D/s Bhubaneswar) (Priority-III)	Rajdhani Engineering College	6.9	<0.3	15.0	160000	160000	540	NC
	Palasuni	6.9	1.3	13.0	160000	160000	350	NC
	Samantarapur	7.1	1.2	12.0	160000	160000	540	NC
	Vadimula	7.1	6.9	8.0	160000	160000	350	NC
2. Daya River (Bhubaneswar to Bargarh (Priority-V)	Bhubaneswar D/s at Kanti	6.8	6.0	3.2	160000	160000	280	NC
	Bhubaneswar FD/s at Manitri	6.9	6.2	2.9	160000	92000	240	NC
	Daya at Kanas	7.8	6.2	1.4	54000	24000	350	NC
3.Kuakhai River (Urali to Bhubaneswar) (Clean)	Bhubaneswar FU/s	6.9	6.0	1.4	1700	340	17	**C**
	Bhubaneswar U/s	6.9	7.2	1.5	3500	1300	22	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E)Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

Ground Water quality of Bhubaneswar city along Kuakhai River, Daya River and Gangua nallah

Station Name	**Month**	**pH**	**BOD, mg/L**	**Nitrate-mg/L**	**TC, MPN/ 100 ml**	**FC, MPN/ 100 ml**
Old town-Samantarapur Area	April, 2026	6.5	<1.0	1.414	<1.8	<1.8
Chandrasekharpur	April ,2026	6.6	<1.0	7.894	<1.8	<1.8
Khandagiri Area	April ,2026	5.8	<1.0	1.460	<1.8	<1.8
Capital Hospital Area,	April ,2026	5.9	<1.0	1.442	<1.8	<1.8
Laxmisagar area	April ,2026	6.5	<1.0	1.424	<1.8	<1.8
Secretariat - Governor House-Old bus stand Area	April ,2026	6.5	<1.0	1.816	<1.8	<1.8
Drinking water Specification (IS : 10500:2012) Desirable limit	-	6.5-8.5	-	45	Absent	Absent

Ground water is monitored only during April and October of each year

Drain Water quality of Bhubaneswar city falling on Gangua nallah (August, 2026)

Sl. No.	Drain Name	BOD (mg/L)	FC (MPN/ 100 mL)
1.	Drain No. 1A at Patia (Near Sree Leather)	120.0	160000
2.	Drain No. 1 (after Confluence of Drain 1 and 1A) at Patia near Club Town	80.0	160000
3.	Drain No 1 (after confluence of Drain 1, 1A, 1B and 1C) at Kalikhamar railway bridge	75.0	160000
4.	Drain No. 3 (after confluence of Drain No. 2) at Sameigadia	105.0	160000
5.	Drain No. 4 at Chakeisiani Canal Road	85.0	160000
6.	Drain No. 5 at Laxmi Vihar Phase-II	100.0	160000
7.	Drain No. 6 at Badagada	110.0	160000
8.	Drain No.7 near Mahabir Road Culvert, Samantarapur	60.0	160000
9.	Drain no. 8 (after confluence of drain no. 8A) at Gandamunda	50.0	160000
10.	Drain No. 9 at Ghatikia (Near DFO Office)	60.0	160000
11.	Drain No. 9 (after confluence of drain No. 8) at Botanda	35.0	160000
12.	Drain No 10 at Jharapada	93.0	160000
13.	Drain No. 11 near Kuha	4.0	17000

Characteristic of Drains falling on Daya river (August, 2026)

Sl. No.	Station Name	Parameters					
		pH	BOD, mg/L	COD, mg/L	TSS, mg/L	TC	FC
						MPN/100ml	
1.	Outlet of STP, Meherpali (58 MLD)	7.2	4.6	39.0	21.0	54000	35000
2.	Outlet of STP, Basuaghai (28 MLD)	7.3	4.4	31.0	16.0	35000	24000
3.	Outlet of STP, Kochilaput (43.5 LD)	7.3	17.0	63.0	26.0	160000	160000
4.	Outlet of STP, Paikarapur (8 MLD)	7.2	4.6	39.0	15.0	490	170
5.	Outlet of STP, Rokat (48 MLD)	7.4	4.8	31.0	19.0	<1.8	<1.8

Polluted River stretch August , 2026

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
4. Mangala (Along Puri) **(Priority-V)**	Mangala D/s at Golasahi	7.4	6.9	1.6	3500	1300	33	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

Ground Water quality of Puri town along Mangala river

Station Name	Month	pH	BOD, mg/L	Nitrate, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL
Hospital-Bus stand-Mausima temple area	April, 2026	7.7	<1.0	10.084	<1.8	<1.8
Near JagannathTemple	April, 2026	8.0	<1.0	1.871	<1.8	<1.8
Near Sea Beach	April, 2026	7.8	<1.0	23.453	<1.8	<1.8
Baliapanda	April, 2026	8.2	<1.0	19.164	<1.8	<1.8
Chakratirtha Road	April, 2026	8.1	<1.0	8.989	<1.8	<1.8
Drinking water Specification (IS : 10500:2012) Desirable limit		**6.5-8.5**	**-**	**45**	**Absent**	**Absent**

Ground water is monitored only during April and October of each year.

Characteristic of Drain falling on Mangala River (August, 2026)

Sl. No.	Station Name	Parameters					
		pH	BOD, mg/l	COD, mg/l	TSS, mg/l	TC	FC
						MPN/100ml	
1	Outlet of STP, Puri at Mangalaghat (15 MLD)	7.2	4.4	24.0	35.0	1300	330

Polluted River stretch: August, 2026

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
5. Kathajodi River (Cuttack to Urali) (Priority-V)	Cuttack D/s	7.3	7.6	2.3	35000	13000	130	NC
	Cuttack FD/s at Mattagajpur	7.2	6.8	2.5	22000	7900	110	N C
6. Serua River (Khandaeta to Sankhatrasa) (Priority-V)	Cuttack FD/s at Sankhatrasa	7.3	7.9	2.4	24000	7900	79	NC
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

Ground Water quality of Cuttack city along Mahanadi River, Kathajodi River and Serua River

Station Name	Month	pH	BOD, mg/L	Nitrate mg/L	TC, MPN/100 ml	FC, MPN/ 100 ml
GW9, Inside the Premises of Sardar Vallabhbhai Patel Post Graduate Institute of Pediatrics, Shishu Bhaban , Cuttack	April , 2026	6.5	<1.0	1.551	<1.8	<1.8
GW1, Mahanadi Vihar(Mahanadi Vihar-Nayabazar Road , Cuttack	April , 2026	7.1	<1.0	4.006	<1.8	<1.8
GW2, LIC Colony(Jobra Canal Road, Near Settlement Office , Cuttack	April , 2026	7.1	<1.0	3.787	<1.8	<1.8
GW10 , Ring Road , Khan Nagar, Surya Vihar, Cuttack	April , 2026	6.8	<1.0	16.883	<1.8	<1.8
GW11, Bidyadharpur, Paradeep Road, Cuttack	April , 2026	6.9	<1.0	3.678	<1.8	<1.8
GW3, Baliyatra Ground (Opposite to Gadagadeswar temple, Cuttack	No sampling	-	-	-	-	-
Tube well, Ranihat-Mangalabag area Cuttack	April , 2026	7.2	<1.0	7.027	<1.8	<1.8
Tube well Badambari area, Cuttack	April , 2026	6.8	<1.0	8.350	<1.8	<1.8
Tube well Bidanasi-Tulasipur area, Cuttack	April , 2026	7.2	<1.0	8.943	<1.8	<1.8
Tube well Madhupatna Kalyan nagar area, Cuttack	April , 2026	7.1	<1.0	7.209	<1.8	<1.8
Tube well, Jagatpur Industrial Estate, Cuttack	April , 2026	7.2	<1.0	17.157	<1.8	<1.8
Drinking water Specification (IS : 10500:2012) Desirable limit		6.5- 8.5	-	45	Absent	Absent

Ground water is monitored only during April and October of each year

Characteristic of Drains falling on Kathajodi river (August, 2026)

Sl. No.	Station Name	Parameters					
		pH	BOD, mg/l	COD, mg/l	TSS, mg/l	TC	FC
						MPN/100ml	
1	Wastewater discharge to Kathajodi river at Mattagajpur	7.3	90.0	216.0	140.0	160000	160000
2	Wastewater discharge to Kathajodi river at CDA-Bidanasi area	6.8	63.0	118.0	64.0	160000	160000
3	Wastewater discharge to Kathajodi river at Khannagar	7.2	70.0	177.0	109.0	160000	160000

Polluted River stretch :August, 2026

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN / 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non-Conforming (NC)
7. Brahmani (Rourkela to Biritola) **(Priority-V)**	Panposh D/s at Deogaon	6.9	5.9	2.5	22000	7900	70	NC
	Rourkela D/s at Jalda	6.7	5.8	2.5	13000	3300	49	NC
	Rourkela FD/s at Attaghat	6.9	6.3	1.8	2200	790	23	C
	Rourkela FFD/s at Biritola	7.3	7.0	1.3	2400	790	11	C
8. Guradih nallah Along Rourkela **(Priority-IV)**	Rourkela (before confluence with Brahmani river)	7.5	5.9	3.8	35000	13000	110	NC
Bathing Water Quality (MoEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

No Ground water quality monitoring in Rourkela city by State Pollution Control Board, Odisha

Characteristic of Drain falling on Brahmani River (August, 2026)

Sl. No.	Station Name	Parameters					
		pH	BOD, mg/l	COD, mg/l	TSS, mg/l	TC	FC
						MPN/100ml	
1	Outlet of STP of Rourkela Municipal Corp by OWSSB (40 MLD), Rourkela	7.3	3.6	19.0	13.0	5400	3500

Polluted River stretch: August , 2026

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC))
9. Nandira jhor D/s Talcher **(Clean)**	Nandira D/s at Dasanali	7.2	6.9	1.5	790	170	11	C
10.Banguru nallah Along Talcher **(Clean)**	Along Talcher	7.1	6.1	2.9	1100	220	11	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E)Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

Ground Water quality of Talcher city in the catchment of Nandira jhor and Banguru nallah

Station Name	Month	pH	BOD, mg/L	Nitrate- mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL
Talcher Town	April, 2026	7.6	<1.0	7.894	<1.8	<1.8
Meramundali area	April, 2026	7.4	<1.0	8.624	<1.8	<1.8
Talcher Thermal area	April, 2026	7.4	<1.0	7.209	<1.8	<1.8
Banarpal	April, 2026	7.5	<1.0	9.400	<1.8	<1.8
Kulad	April, 2026	7.5	<1.0	1.570	<1.8	<1.8
Drinking waterSpecification (IS : 10500:2012) Desirable limit		6.5-8.5	-	45	Absent	Absent

Ground water is monitored only during April/ May and October/November each year

Polluted River stretch : August , 2026

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non-Conforming (NC)
11. Mahanadi (Sambalpur to Paradeep) **(Clean)**	Sambalpur D/s	7.3	7.8	1.4	3500	1300	23	C
	Sambalpur FD/s at Shankarmath	7.2	7.7	1.2	2400	790	11	C
	Sambalpur FFD/s at Huma	7.3	7.1	1.6	2800	1300	23	C
	Sonepur U/s	7.1	6.2	1.1	1700	330	11	C
	Sonepur D/s	7.2	6.3	1.3	3500	790	17	C
	Tikarpada	7.6	6.3	1.3	1100	330	11	C
	Narasinghpur	7.2	7.0	1.2	2200	790	17	C
	Munduli	7.3	6.2	1.5	2400	490	33	C
	Cuttack U/s	7.2	7.3	1.3	1700	490	14	C
	Cuttack D/s	7.2	6.9	1.4	54000	24000	220	NC
	Cuttack FD/s	7.2	7.0	1.5	28000	11000	130	NC
	Paradeep U/s	7.7	6.1	1.4	1300	330	11	C
	Paradeep D/s	7.7	6.8	1.6	2200	490	13	C
12. Bheden Along Bheden **(Clean)**	Jharsuguda	7.4	7.2	1.3	2400	790	13	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

Water quality of Tributaries of Mahanadi River August , 2026

Name of river	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN / 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming(NC)
Ib River	Sundargarh	7.4	7.1	1.4	1400	330	NA	C
	Jharsuguda	7.7	7.4	1.4	2800	1100	NA	C
	Brajarajnagar U/s	7.3	6.9	1.3	1400	790	NA	C
	Brajarajnagar D/s	7.3	6.8	1.5	3500	1300	NA	C
Ong River	Dharuakhaman	7.3	6.9	1.3	790	230	NA	C
Tel River	Monmunda	7.3	7.1	1.2	1100	330	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

NA – Not Analysed

Ground Water quality

Stn Name	Month	pH	BOD, mg/L	Nitrate-mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL
Sambalpur town Along Mahanadi River						
Near VSS Medical College, Burla	April, 2026	7.4	<1.0	22.997	<1.8	<1.8
Near Railway station	April, 2026	6.9	<1.0	17.704	<1.8	<1.8
Near Panthanivas	April, 2026	6.9	<1.0	7.711	<1.8	<1.8
Sonepur town Along Mahanadi River						
Near District HeadQuarter Hospital, Sonepur	April, 2026	7.8	<1.0	18.982	70	33
Near Gundicha temple of Tentelghat, Sonepur	April, 2026	8.0	<1.0	20.624	<1.8	<1.8
Paradeep town Along Mahanadi River						
Badapadia market Complex	April, 2026	8.0	<1.0	11.225	<1.8	<1.8
Musadiha	April, 2026	7.9	<1.0	3.743	<1.8	<1.8
Jharsuguda town in the catchment of Bheden river and Ib river						
Thelkoloi	May, 2024*	6.9	<1.0	3.211	<1.8	<1.8
Bhurkhamunda	April, 2026	6.8	<1.0	7.711	<1.8	<1.8
Badamal Industrial Estate	April, 2026	6.9	<1.0	23.180	<1.8	<1.8
Budhipadar	April, 2026	7.1	<1.0	15.696	<1.8	<1.8
Brajarajnagar Mining belt	April, 2026	7.5	<1.0	1.707	<1.8	<1.8
Rampur area (Watertank)	April, 2026	7.1	<1.0	1.551	<1.8	<1.8
Ib thermal powerstation	April, 2026	7.5	<1.0	2.008	<1.8	<1.8
Belpahar area	April, 2026	7.4	<1.0	3.304	<1.8	<1.8
Drinking waterSpecification (IS : 10500:2012) Desirable limit		6.5-8.5	-	45	Absent	Absent

* Not monitored during 2026.

Ground water is monitored only during April/ May and October/November of each year

Characteristic of Drain falling on Mahanadi River (August , 2026)

Sl. No.	Station Name	Parameters					
		pH	BOD, mg/l	COD, mg/l	TSS, mg/l	TC	FC
						MPN/100ml	
1	Outlet of STP of M/s WATCO (40 MLD), Sambalpur	7.3	3.2	20.0	16.0	1300	490

Polluted River stretch : August , 2026

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
13. Luna (Along Bijipur, Puri) **(Clean)**	Luna at Bijipur	8.1	6.9	1.3	2400	790	24	C
14. Ratnachira (Along Sakhigopal, Puri) **(Clean)**	Kumardihi	7.6	7.1	1.8	3500	1300	27	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

Polluted River stretch (**August, 2026)**

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN / 100 mL	FS, MPN / 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
15. Nagavali (Jaykaypur to Rayagada) **(Clean)**	Jaykaypur D/s	7.4	6.3	1.2	2400	790	11	C
	Rayagada D/s	7.4	6.8	1.5	2800	1100	17	C

Ground Water quality of Rayagada town along Nagavali river

Stn Name	Month	pH	BOD, mg/L	Nitrate, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL
Kasturinagar, Rayagada	April, 2026	7.5	<1.0	25.096	<1.8	<1.8
Within the premises of Badelapulama Temple, Rayagada	April, 2026	7.4	<1.0	17.613	<1.8	<1.8
Drinking water Specification (IS : 10500:2012) Desirable limit		6.5-8.5	-	45	Absent	Absent

Ground water is monitored only during April/May and October/November of each year

Polluted River stretch: August, 2026

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
16. Budhabalanga (Mahulia to Baripada) **(Clean)**	Baripada D/s	7.2	6.9	1.4	3500	1100	27	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

No Ground water quality monitoring in Baripada town by State Pollution Control Board, Odisha

Polluted River stretch : August, 2026

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non-Conforming(NC)
17. Kusumi Along Tangi **(Clean)**	Along Tangi	7.7	6.3	1.3	2800	1300	33	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

NA – Not Analysed

No Ground water quality monitoring in Tangi town by State Pollution Control Board, Odisha

Polluted River stretch: August, 2026

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
18. Rushikulya along Pratappur to Ganjam **(Clean)**	Madhopur	7.4	6.9	1.5	220	790	13	C
	Potagarh	7.3	7.2	1.3	1300	330	11	C

Name of polluted river stretch	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
19. Sabulia Along Jagannathpatna, Rambha **(Clean)**	Jagannathpatna, Rambha	7.6	6.2	1.5	1700	790	34	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt.25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

Ground Water quality of Berhampur town in the catchment of Rushikulya River

Station Name	Month	pH	BOD, mg/L	Nitrate , mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL
Near MKCG Medical College	April, 2026	8.1	<1.0	2.236	<1.8	<1.8
Badabazar	April, 2026	7.7	<1.0	18.252	<1.8	<1.8
Railway station	April, 2026	8.0	<1.0	19.620	<1.8	<1.8
Bus stand	April, 2026	7.8	<1.0	1.624	<1.8	<1.8
Drinking water Specification (IS:10500:2012) Desirable limit		6.5-8.5	-	45	Absent	Absent

Ground water is monitored only during April/May and October/November of each year

Annexure-7(a)

Status of Polluted River stretches in the State of Odisha during the period 2017-2026 with Maximum BOD values during the year

Sl. No.	Polluted River Stretches identified by CPCB	Priority Category of Polluted River stretch										Remarks
		2017 (BOD mg/L, max)	2018 (BOD mg/L, max)	2019 (BOD mg/L, max)	2020 (BOD mg/L, max)	2021 (BOD mg/L, max)	2022 (BOD mg/L, max)	2023 (BOD mg/L, max)	2024 (BOD mg/L, max)	2025 (BOD mg/L, max)	2026 (Jan- August 2026 BOD mg/L, max)	
1.	**Gangua River** (Along Bhubaneswar)	Priority-I (39.0)	Priority-I (70.8)	Priority-I (39.2)	Priority-III (19.9)	Priority-IV (9.7)	Priority-III (16.0)	Priority-III (18.0)	Priority- III (16.0)	Priority-III (20.0)	Priority-III (20.0)	**Priority has been reduced from I to III (Improved)**
2	**Daya** (Bhubaneswar to Bargarh)	Priority-IV (7.3)	Priority-IV (7.4)	Priority-IV (7.3)	Priority-V (4.7)	Priority-V (4.6)	Priority-V (5.6)	Priority-V (4.8)	Priority- V (4.4)	Priority-V (5.0)	Priority-V (4.6)	**Priority has been reduced from IV to V (Improved)**
3	**Kuakhai** (Along Bhubaneswar)	Priority-IV (7.7)	Clean (1.6)	Clean (2.8)	Clean (1.8)	Clean (1.9)	Clean (1.9)	Clean (1.8)	Clean (2.1)	Clean (2.2)	Clean (1.8)	**Clean (Improved)**
4	**Mangala** (Along Puri)	Priority-V (5.7)	Priority-V (5.8)	Priority-IV (7.4)	Priority-V (4.6)	Priority-V (4.9)	Priority-V (4.4)	Priority-V (3.6)	Clean (2.8)	Priority-V (4.8)	Clean (2.8)	**Clean (Improved)**
5	**Kathajodi** (Cuttack to Urali)	Priority-III (11.2)	Priority-V (5.7)	Priority-V (3.9)	Priority-V (3.6)	Priority-V (4.1)	Priority-V (4.4)	Priority-V (4.2)	Priority- V (3.9)	Priority-V (3.8)	Priority-V (3.9)	**Priority has been reduced from III to V (Improved)**
6	**Serua** (Khandaeta to Sankhatrasa)	Priority-V (4.8)	Priority-V (5.5)	Priority-V (3.1)	Priority-V (3.8)	Priority-V (3.5)	Priority-V (4.2)	Priority-V (3.9)	Priority- V (3.7)	Priority-V (3.7)	Priority-V (3.6)	**No Improvement**
7	**Brahmani** (Rourkela to Biritol)	Priority-V (6.0)	Priority-IV (7.6)	Priority-V (5.3)	Priority-IV (6.3)	Priority-V (5.6)	Priority-V (5.7)	Priority-V (5.3)	Priority- V (4.3)	Priority-V (4.8)	Priority-V (4 . 4)	**No Improvement**
8	**Guradih nallah** (Rourkela)	Priority-III (11.3)	Priority-IV (10.1)	Priority-IV (8.5)	Priority-IV (10.0)	Priority-IV (9.3)	Priority-IV (8.3)	Priority-IV (6.7)	Priority- IV (6.7)	Priority-IV (6.7)	Priority-V (5 . 8)	**Priority has been reduced from III to V (Improved)**
9	**Nagavali** (Jaykaypur to Rayagada)	Priority-V (3.5)	Clean (2.8)	Clean (2.2)	Clean (2.1)	Clean (2.1)	Clean (2.4)	Clean (2.3)	Clean (1.9)	Clean (1.8)	Clean (1.7)	**Clean (Improved)**
10	**Ratnachira** (Along Bhubaneswar, Puri)	Priority-V (3.3)	Priority-V (3.5)	Clean (2.7)	Clean (1.7)	Clean (2.4)	Clean (2.4)	Clean (1.9)	Clean (1.9)	Clean (2.0)	Clean (1.8)	**Clean (Improved)**
11	**Nandira Jhor** (D/s of Talcher)	Priority-III (13.0)	Priority-V (3.5)	Clean (1.9)	Clean (1.9)	Clean (1.9)	Clean (1.8)	Clean (2.0)	Clean (2.7)	Clean (2.1)	Clean (1.9)	**Clean (Improved)**
12	**Mahanadi** (Sambalpur to Paradeep)	Priority-V (3.2)	Clean (2.3)	Clean (2.3)	Clean (2.7)	Clean (2.4)	Clean (2.6)	Clean (2.4)	Clean (2.4)	Clean (2.4)	Clean (2.2)	**Clean (Improved)**
13	**Rushikulya** (Pratappur to Ganjam)	Priority-V (3.4)	Priority-V (3.7)	Clean (2.6)	Clean (2.1)	Clean (2.6)	Clean (2.0)	Clean (2.2)	Clean (2.6)	Clean (2.0)	Clean (1.9)	**Clean (Improved)**
14	**Banguru nallah** (Along Talcher, Rengali)	Priority-V (3.2)	Priority-V (3.9)	Clean (1.9)	Clean (1.6)	Clean (1.9)	Clean (2.0)	Clean (2.2)	Clean (2.5)	Clean (2.5)	Clean (2.9)	**Clean (Improved)**
15	**Bheden** (Along Bheden)	Priority-V (3.6)	Clean (2.8)	Clean (2.0)	Clean (1.8)	Clean (1.5)	Clean (2.2)	Clean (1.7)	Clean (2.7)	Clean (1.9)	Clean (1.7)	**Clean (Improved)**
16	**Kusumi** (Along Tangi)	Priority-V (3.2)	Clean (1.7)	Clean (2.6)	Clean (2.0)	Clean (2.0)	Clean (1.6)	Clean (2.4)	Clean (2.0)	Clean (2.0)	Clean (2.0)	**Clean (Improved)**
17	**Nuna** (Along Bijipur)	Priority-V (3.1)	Clean (2.7)	Clean (2.5)	Clean (1.8)	Clean (1.6)	Clean (2.3)	Clean (1.8)	Clean (1.9)	Clean (1.8)	Clean (1.6)	**Clean (Improved)**
18	**Sabulia** (Jagannath-patna, Rambha)	Priority-V (5.0)	Clean (2.4)	Clean (2.2)	Clean (1.9)	Clean (2.0)	Clean (1.8)	Clean (1.9)	Clean (2.2)	Clean (1.9)	Clean (1.7)	**Clean (Improved)**
19	**Budhabalanga** (Mahulia to Baripada)	Priority-V (3.5)	Clean (2.8)	Clean (1.6)	Clean (1.9)	Clean (1.8)	Clean (2.0)	Clean (2.2)	Clean (2.5)	Clean (2.2)	Clean (1.7)	**Clean (Improved)**

Annexure- 7 (b)

Summary of Number of Polluted River Stretches under Different Category during the Period 2017-2026

Category	No. of polluted River stretch (2017)	No. of polluted River stretch (2018)	No. of polluted River stretch (2019)	No. of polluted River stretch (2020)	No. of pollute d River stretch (2021)	No. of polluted River stretch (2022)	No. of polluted River stretch (2023)	No. of polluted River stretch (2024)	No. of polluted River stretch (2025)	No. of polluted River stretch (Jan-August , 2026)
Priority-I	1	1	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Priority-II	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Priority-III	3	Nil	Nil	1	Nil	1	1	1	1	1
Priority-IV	2	3	3	2	2	1	1	1	1	0
Priority-V	13	7	3	4	5	5	5	4	5	5
		8 (Clean)	12 (Clean)	12 (Clean)	12 (Clean)	12 (Clean)	12 (Clean)	13 (Clean)	12 (Clean)	13 (Clean)
Total :	19	19	19	19	19	19	19	19	19	19

N.B. Clean - BOD < 3 mg/L

Annexure- 7 (c)

Water quality of Rivers in Odisha during August ,2026

Total River water quality Monitoring Station : 152

No. of stations monitored : 152

No. of stations conforming to Bathing Water quality : 135

(a) Mahanadi River System

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non- Conforming (NC)
Ib	1.	Sundargarh	7.4	7.1	1.4	1400	330	NA	C
	2.	Bhasma Bridge	7.9	8.2	1.3	1300	330	NA	C
	3.	Jharsuguda	7.7	7.4	1.4	2800	1100	NA	C
	4.	Brajrajnagar U/s	7.3	6.9	1.3	1400	790	NA	C
	5.	Brajrajnagar D/s	7.3	6.8	1.5	3500	1300	NA	C
Bheden	6.	Jharsuguda	7.4	7.2	1.3	2400	790	13	C
Hirakud Reservoir	7.	Hirakud	7.5	7.6	1.3	1300	490	NA	C
Mahanadi	8.	Sambalpur U/ s	7.4	7.7	1.3	1700	790	NA	C
	9.	Sambalpur D/ s	7.3	7.8	1.4	3500	1300	23	C
	10.	Sambalpur FD/ s at Shankarmath	7.2	7.7	1.2	2400	790	11	C
	11.	Sambalpur FD/S at Huma	7.3	7.1	1.6	2800	1300	23	C
	12.	Power Channel U/s	7.4	7.8	1.3	490	130	NA	C
	13.	Power Channel D/s	7.4	7.6	1.4	790	170	NA	C
	14.	Bargarh D/s	7.3	6.8	1.5	3500	1100	NA	C
	15.	Patharaseni Mandir , Banjipali, Bargarh	7.3	6.9	1.6	940	220	NA	C
	16.	Sonepur U/s	7.1	6.2	1.1	1700	330	11	C
	17.	Sonepur D/s	7.2	6.3	1.3	3500	790	17	C
	18.	Boudh U/s	7.4	6.4	1.3	1700	490	NA	C
	19.	Boudh D/s	7.4	6.0	1.4	3500	1300	NA	C
	20.	Tikarpada	7.6	6.3	1.3	1100	330	11	C
	21.	Narasinghpur	7.2	7.0	1.2	2200	790	17	C
	22.	Banki U/s	7.2	6.9	1.2	2400	790	NA	C
	23.	Banki D/s	7.2	6.4	1.4	3500	1700	NA	C
	24.	Munduli	7.3	6.2	1.5	2400	490	33	C
	25.	Cuttack U/s	7.2	7.3	1.3	1700	490	14	C
	26.	Cuttack D/s	7.2	6.9	1.4	54000	24000	220	NC
	27.	Cuttack FD/s	7.2	7.0	1.5	28000	11000	130	NC

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100mL	Water Quality Status (Conforming (C) / Non-Conforming(NC)
Mahanadi	28.	New Kourua, Nimeishapur	7.2	7.1	1.3	3500	1300	NA	C
	29.	Paradeep U/s	7.7	6.1	1.4	1300	330	11	C
	30.	Paradeep D/s	7.7	6.8	1.6	2200	490	13	C
	31.	Kuanrapala	7.7	6.3	1.3	1100	330	NA	C
Jeera	32.	Bargarh U/s	7.4	6.8	1.4	1300	330	NA	C
Ong	33.	Dharuakhaman	7.3	6.9	1.3	790	230	NA	C
Tel	34.	Monmunda	7.3	7.1	1.2	1100	330	NA	C
Kathajodi	35.	Cuttack U/s	7.3	7.0	1.3	2800	1300	NA	C
	36.	Cuttack D/s	7.3	7.6	2.3	35000	13000	130	NC
	37.	Cuttack FD/s at Mattagajpur	7.2	6.8	2.5	22000	7900	110	NC
	38.	Cuttack FFD/s at Kamasasan	7.3	7.8	1.3	3500	1700	NA	C
Serua	39.	Cuttack FD/s at Sankhatrasa	7.3	7.9	2.4	24000	7900	79	NC
Kuakhai	40.	Bhubaneswar FU/s	6.9	6.0	1.4	1700	340	17	C
	41.	Bhubaneswar U/s	6.9	7.2	1.5	3500	1300	22	C
Daya	42.	Gelapur	6.9	6.5	1.3	1300	330	13	C
	43.	Bhubaneswar D/s	6.8	6.0	3.2	160000	160000	280	NC
	44.	Bhubaneswar FD/s	6.9	6.2	2.9	160000	92000	240	NC
	45.	Kanas	7.8	6.2	1.4	54000	24000	350	NC
Birupa	46.	Choudwar	7.1	6.9	1.5	2200	1100	NA	C
Gangua nallah	47.	Rajdhani Engineering College	6.9	<0.3	15	160000	160000	540	NC
	48.	Palasuni	6.9	1.3	13.0	160000	160000	350	NC
	49.	Samantarapur	7.1	1.2	12	160000	160000	540	NC
	50.	Vadimula	7.1	6.9	8.0	160000	160000	350	NC
Kushabhadra	51.	Bhingarpur	8.1	6.1	1.2	13000	3300	NA	NC
	52.	Nimapara	8.0	6.3	1.3	3500	1100	NA	C
	53.	Gop	7.9	7.0	1.3	24000	4900	NA	NC
Gobari	54.	Kendrapada U/s	7.6	7.1	1.4	1300	330	NA	C
	55.	Kendrapada D/s	7.6	7.2	1.5	1700	790	NA	C
Mangala	56.	Mangala U/s at Malatipatpur	7.4	7.6	1.4	2800	1100	NA	C
	57.	Mangala D/s at Golasahi	7.4	6.9	1.6	3500	1300	33	C
Bhargavi	58.	Chandanpur	7.3	7.6	1.3	3500	1700	NA	C
Devi	59.	Machhagaon	7.6	7.9	1.4	1700	460	NA	C
Luna	60.	Luna at Bijipur	8.1	6.9	1.3	2400	790	24	C

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non-Conforming (NC)
Sabulia	61.	Rambha, Jagatnnathpatna	7.6	6.2	1.5	1700	790	34	C
Kusumi	62.	Tangi	7.7	6.3	1.3	2800	1300	33	C
Kansari	63.	Banapur	7.6	6.7	1.2	3500	1100	NA	C
Badasankha	64.	Langalaeswar	7.5	7.4	1.4	2200	400	NA	C
Ratnachira	65.	Kumardihi	7.6	7.1	1.8	3500	1300	27	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	**-**

NA : Not analysed

D : Desirable P : Permissible

(B) Brahmani River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non-Conforming (NC)
Brahmani	1.	Panposh U/s	7.2	7.0	1.4	2200	700	NA	C
	2.	Panposh D/s	6.9	5.9	2.5	22000	7900	70	NC
	3.	Rourkela D/s at Jalda	6.7	5.8	2.5	13000	3300	49	NC
	4.	Rourkela FD/s at Attaghat	6.9	6.3	1.8	2200	790	23	C
	5.	Rourkela FFD/s at Biritola	7.3	7.0	1.3	2400	790	11	C
	6.	Bonaigarh	7.8	7.2	1.6	2800	1100	NA	C
	7.	Rengali	7.5	6.9	1.4	1300	230	NA	C
	8.	Samal	7.7	7.2	1.3	2200	490	NA	C
	9.	Talcher FU/s	7.7	7.0	1.4	790	230	NA	C
	10.	Talcher U/s	7.6	7.2	1.5	1100	330	NA	C
	11.	Mandapal	7.5	7.0	1.9	2200	790	14	C
	12.	Talcher D/s	7.5	6.8	1.6	1700	490	NA	C
	13.	Talcher FD/s	7.5	7.1	1.7	490	230	NA	C
	14.	Dhenkanal U/s	7.5	6.9	1.4	790	330	NA	C
	15.	Dhenkanal D/s	7.4	7.3	1.5	1300	490	NA	C
	16.	Bhuban	7.4	6.3	1.3	1400	460	NA	C
	17.	Kabatabandha	8.0	6.3	1.4	1700	790	NA	C
	18.	Dharmasala U/s	8.0	6.9	1.3	940	260	NA	C
	19.	Dharmasala D/s	7.8	7.0	1.6	1700	490	NA	C
	20.	Pottamundai	7.1	6.6	1.4	1300	330	NA	C

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non-Conforming (NC)
Kharasrota	21.	Khanditara	7.7	6.8	1.4	1100	330	NA	C
	22.	Binjharpur	7.6	7.3	1.2	1300	490	NA	C
	23.	Ali	7.1	6.9	1.3	2400	490	NA	C
Nandira jhor	24.	Nandira U/s	7.4	7.2	1.4	490	130	NA	C
	25.	Nandira D/s	7.2	6.9	1.5	790	170	11	C
	26.	Paranga MIP	7.6	7.0	1.4	700	170	NA	C
Kisindajhor	27.	Kisindajhor	7.7	6.3	1.3	1300	340	NA	C
Sankh	28.	Sankh U/s	6.8	6.9	1.4	1100	230	NA	C
Mandiakudar	29.	Mandiakudar	7.1	6.8	1.4	2800	490	NA	C
Koel	30.	Koel U/s	7.1	6.8	1.5	3500	1100	NA	C
Jhirpani	31.	Jhirpani	7.4	6.9	1.3	3500	1100	NA	C
Guradih nallah	32.	Rourkela (before confluence with Brahmani River)	7.5	5.9	3.8	35000	13000	110	NC
Gohira	33.	Gohira Bridge	7.1	7.0	1.3	2400	490	NA	C
Tikera	34.	Talabahal	7.1	6.9	1.3	790	230	NA	C
Badajhor	35.	Badajhor	7.1	6.9	1.2	1300	330	NA	C
Damsala	36.	Dayanabil	7.6	7.4	1.7	2200	940	N A	C
Gandanallah	37.	Marthapur	7.4	7.1	2.2	1400	330	NA	C
Karo	38.	Barbil	7.3	6.9	1.3	3500	1300	NA	C
Lingira	39.	Lingira U/s	7.3	7.3	1.4	330	110	NA	C
	40.	Lingira D/s	7.5	7.4	1.4	490	140	NA	C
	41.	Lingira FD/s	7.2	6.9	1.6	1100	230	NA	C
Ramiala	42.	Kamakhyanagar	7.1	7.0	1.3	1700	330	NA	C
Bangurunallah	43.	Bangurunallah	7.1	6.1	2.9	1100	220	11	C
Singadajhor	44.	Singadajhor	7.1	7.2	1.3	1400	330	NA	C
Tikira	45.	Kaniha U/s	7.2	6.8	1.5	490	140	NA	C
	46.	Kaniha D/s	7.2	5.3	1.6	1300	330	NA	C
Banguru-singadajhor	47.	Bangurusingadajhor	7.1	6.5	1.2	1300	340	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	**-**

(B) Baitarani River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non-Conforming (NC)
Kundra nallah	1	Joda	7.2	7.0	1.3	940	310	NA	C
Kusei	2	Deogaon	7.2	7.2	1.9	2800	1100	NA	C

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non-Conforming (NC)
Baitarani	3	Naigarh	7.3	7.1	1.2	1100	230	NA	C
	4	Unchabali	7.3	6.8	1.8	3500	1700	NA	C
	5	Champua	7.2	7.2	1.8	1400	490	NA	C
	6	Tribindha	7.3	7.0	1.4	2800	790	NA	C
	7	Joda	7.2	6.9	1.3	2200	700	NA	C
	8	Anandpur	7.2	6.9	1.1	2800	1100	NA	C
	9	Jajpur	7.5	6.9	1.4	3500	1300	NA	C
	10	Chandbali U/s	7.2	6.3	1.6	1700	330	NA	C
	11	Chandbali D/s	7.2	6.7	1.8	2200	790	NA	C
Dhamra	12	Dhamra	7.3	6.3	1.1	3500	1100	NA	C
Salandi	13	Bhadrak U/s	7.1	6.4	1.4	2800	1300	NA	C
	14	Bhadrak D/s	7.2	6.9	1.5	3500	1100	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	**-**

NA : Not analysed
D : Desirable P : Permissible

(C) Rushikulya River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming(C)/ Non- Conforming (NC)
Russelkunda Reservoir	1	Russelkunda Reservoir	7.2	6.9	1.5	2200	700	NA	C
Badanadi	2	Aska	7.2	7.0	1.3	1700	790	NA	C
Rushikulya	3	Aska	7.3	7.2	1.3	1100	330	NA	C
	4	Nalabanta	7.3	7.4	1.4	2800	1300	NA	C
	5	Madhopur	7.4	6.9	1.5	2200	790	13	C
	6	Potagarh	7.3	7.2	1.3	1300	330	11	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	**-**

(D) Subarnarekha River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
Subarnarekha	1	Rajghat	7.2	6.4	1.3	1300	330	NA	C
	2	Jharapokharia (Pandra)	7.2	6.6	1.2	790	230	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	-	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	-

(E) Budhabalanga River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
Budhabalanga	1	Baripada D/s	7.2	6.9	1.4	3500	1100	27	C
	2	Balasore U/s	7.3	6.2	1.3	2800	1400	NA	C
	3	Balasore D/s	7.2	6.3	1.4	3500	1700	NA	C
	4	Saslapal (Bangiriposi)	7.4	6.8	1.3	1300	270	NA	C
	5	Hatiagond (Sone)	7.4	6.4	1.2	1700	790	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	-	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	-

NA : Not analysed D : Desirable P : Permissible

(F) Bahuda River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non-Conforming (NC)
Bahuda	1	Damodarpally	7.4	7.3	1.2	1400	460	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	-	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	-

(G) Nagavali River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non- Conforming (NC)
Nagavali	1	Penta U/s	7.3	6.5	1.3	2200	700	NA	C
	2	Jaykaypur D/s	7.4	6.3	1.2	2400	790	11	C
	3	Rayagada D/s	7.4	6.8	1.5	2800	1100	17	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	**-**

(H) Vansadhara River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C) / Non- Conforming (NC)
Vansadhara	1	Muniguda	7.5	7.2	1.3	1300	330	NA	C
	2	Gunupur	7.6	7.1	1.4	2800	1300	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	**-**

NA. : Not analysed

D : Desirable P : Permissible

(I) Kolab River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non- Conforming (NC)
Kerandi	1	Sunabeda	7.6	6.2	1.3	2800	1300	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	**-**

(J) Indravati River system

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non- Conforming (NC)
Indravati	1	Nawarangpur	7.2	6.3	1.4	1400	490	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	**-**

(K) Bhitarkanika Ramsar Site

Name of River	Sl. No.	Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN / 100 mL	FS, MPN/ 100 mL	Water Quality Status (Conforming (C)/ Non-Conforming (NC)
Bhitarkanika Ramsar Site	1.	Gobari River at Jamboo	6.9	7.2	1.4	2200	330	NA	C
	2.	Patsala River at Gupti	7.2	6.8	1.3	2400	340	NA	C
	3.	Hansua river at Barunei	7.2	6.2	1.3	1300	490	NA	C
	4.	Dhamra River at Kalibhanjadia	7.2	6.5	1.4	2800	940	NA	C
	5.	Bhitarkanika River at Dangamala	7.2	6.9	1.4	1700	340	NA	C
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)			**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**500 (D) 2500 (P)**	**100 (D) 500 (P)**	**-**

Coastal water Quality during August ,2026

Name of Monitoring Station	pH	DO, mg/L	BOD, mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL	Water Quality Status (Conforming(C)/ Non-Conforming(NC)
Gopalpur sea	7.3	6.2	1.4	23	<1.8	C
Swargadwara (Puri)	7.8	6.8	1.3	<1.8	<1.8	C
Pardeep sea	7.1	6.2	1.4	<1.8	<1.8	C
Class SW-II (bathing, contact water sports and commercial fishing)	**6.5-8.5**	**5.0, min**	**3.0, max**	**-**	**100**	

NA- Not Analysed

Annexure-8

OFFICE OF ENGINEER-IN-CHIEF, WATER RESOURCES, ODISHA, SECHA SADAN, BHUBANESWAR, 751001

e-mail : cehhgiscem@gmail.com, Tel : 0674-2390139

No. HH, GIS & CEM-149/23 31001 /WR Dt. 28.09.26

From

Er. Dillip Nandan Mohapatra, OES
Chief Engineer, HH, GIS & CEM

To

The Special Secretary to Government,
DoWR, Odisha, Rajiv Bhawan, Bhubaneswar

Sub: Monthly Progress Report on NGT matter- OA No. 606/2018 for the month of August-2026.

Sir,

With reference to the above cited subject, it is to furnish herewith the Monthly Progress Report on the NGT matter-OA No. 606/2018 for the month of August-2026 for favor of kind information and necessary action.

Yours faithfully

Encl: As above

Mohapatra 28/9/26
Chief Engineer, HH, GIS & CEM

Memo No. 31002 /WR **Dt.** 28.09.26

Copy forwarded to the Director, Environment-cum-Special Secretary to Government, Forest & Environment Department, Odisha for information & necessary action.

Encl: As above.

Mohapatra 28/9/26
Chief Engineer

Memo No. 31003 /WR **Dt.** 28.09.26

Copy submitted to the Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for information & necessary action.

Encl: As above.

Mohapatra 28/9/26
Chief Engineer

Monthly Progress Report on Hon'ble NGT O.A. No.606 / 2018 for the month of August- 2026

Subject Matter: Compliance of municipal solid waste management rules, 2016 and other environmental issues

Format for state wise review of compliance to Hon'ble NGT directions for control of river pollution as per Letter No .1786 dated 25.06.2020 of F & E Department:

5. Measures taken for

A. Control of Illegal Groundwater Abstraction: **Yes**

1. Govt. of Odisha has formulated an act for regulation of groundwater namely "The Odisha Groundwater (Regulation, Development and Management) Act , 2011"
2. Central Ground Water Board (CGWB) and District Level Evaluation Committee (DLEC) strictly control the groundwater abstraction by the industries.
3. Chief Engineer and Director, Groundwater Development, Bhubaneswar monitors the fluctuation of the groundwater level in all 30 districts in 10 years interval.

B. River Catchment / Basin Management : **Yes**

Inflow from the catchment and outflow from the river of the basins are managed effectively by the Chief Engineer and Basin Managers for 11 nos. of river basins of Odisha.

C. Flood Plain Zone Protection: **Yes**

A Cross Regulator has been constructed at the off taking point of Gangua Nalla to divert the flood discharge (Approximately 30 % of flood water) of Chandaka Catchment to Kuakhai river through Budhi Nalla in order to save Bhubaneswar city from urban flooding. This is one of the flood plain zone protection works in Gangua Nalla which has been executed by DoWR.

D. E – Flow maintenance & Watershed Management: **Yes**

E – flow is maintained.

Watershed Management- Integrated Watershed Management Programme is executed throughout the State by Odisha Watershed Development Mission.

E. Groundwater recharge / Rain water harvesting

Rooftop Rainwater Harvesting Structures (RRHS)

Year	Govt. Building (in nos.)		Private Building (in nos.)	
2018-19	358		9438	
2019-20	Nil		Nil	
2020-21	Nil		Nil	
2021-22	Nil		Nil	
2022-23	282		3487	
	Taken-up	Completed	Taken-up	Completed
2023-24	531	481	8013	9217
2024-25	435	496	5686	8188
2025-26	359	585	4071	8103
2026-27 (Upto 08/2026)	367	51	4868	3110

Ground Water Recharge

I. Through wells (recharge shafts in tanks & ponds)		
Year	**Taken up (in nos.)**	**Completed (in nos.)**
2019-20	–	179
2020-21	–	65
2021-22	–	280
2022-23	–	748
2023-24	639	621
2024-25	519	548
2025-26	487	605
2026-27 (Upto 08/2026)	661	125

II. Through Check dam	
Year	**Completed (in nos.)**
2010-11 to 2019-20	15604
2020-21	229
2021-22	34
2022-23	220
2023-24	380
2024-25	370
2025-26	290
2026-27 (Upto 08/2026)	135
Total check dams as on 08/2026	17262

F. Removal of encroachments

When encroachments are noticed, Revenue Authorities are moved to make the land free from encroachment to maintain the natural flow in the drain.

Note: Measures taken to reduce BOD in Gangua Nalla

To reduce BOD load in Gangua Nalla, fresh water is being discharged into Gangua Nalla from Daya West Bank Canal through Palasuni Escape at RD 12.640 Km. The monthly average release (in cusec) into Gangua Nalla for the last one year is given below:

Last 1 Year Water Discharge to Gangua Nallah:

Sl No.	Month & Year	No. of days release of water	Total discharge (in cusec)	Average discharge (in cusec)
1	August, 2026			
2	July, 2026	10	10	1
3	June, 2026	0	0	0
4	May,2026	0	0	0
5	April, 2026	0	0	0
6	March, 2026	0	0	0
7	February, 2026	28	0	0
8	January, 2026	31	0	0
9	December, 2025	31	0	0
10	November, 2025	30	20	0.67
11	October, 2025	31	41	1.322
12	September, 2025	30	36.2	1.207

Mohapatra 28/9/26

Chief Engineer
HH, GIS & CEM

Annexure-9

OFFICE OF THE ENGINEER-IN-CHIEF, WATER RESOURCES,
ODISHA, SECHA SADAN, BHUBANESWAR-751001

No. HH, GIS & CEM-GEN-132/24 29336/UB Date: 11.09.26

From,

Chief Engineer, HH, GIS & CEM.

To,

The Additional Secretary to the Government,
DoWR, Odisha, Bhubaneswar.

Sub: Monthly Progress Report in the NGT matter-OA No. 673/2018 for the month of August-2026.

Sir,

With reference to the subject cited above, it is to furnish herewith the Monthly Progress Report in the NGT matter- OA No. 673/2018 for the month August-2026 for favour of kind information and necessary action.

A statement showing the daily average release of water to Gangua Nallah through Palasuni Escape at RD 12.640 km of Daya West Branch Canal during August-2026 (01.08.2026 to 31.08.2026), is enclosed for your kind perusal.

Encl: As above.

Yours faithfully

10.09.2026

Chief Engineer, HH, GIS & CEM

Memo No. 29337 **Date** 11.09.26

Copy submitted to the Engineer-in-Chief, Water Resources/ Engineer-in-Chief (P&D), Bhubaneswar for favour of kind information.

10.09.2026

Chief Engineer

Memo No. 29338/UB **Date** 11.09.26

Copy with enclosures through e-mail submitted to the Director, Environment-cum-Special Secretary to Government, Forest, Environment& Climate Change Department, Odisha for kind information and necessary action.

10.09.2026

Chief Engineer

Memo No. 29339/UB **Date** 11.09.26

Copy with enclosures through e-mail submitted to the Member Secretary, State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar for kind information and necessary action.

10.09.2026

Chief Engineer

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month - August,2026					
1. Name of the Polluted River Stretch :- Gangua Nallah (Along Bhubaneswar)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of % age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
XIV	Ground Water regulation:	Govt. of Odisha has formulated an Act for regulation for groundwater namely "The Odisha Ground Water (Regulation, Development and Management) Act, 2011" . Central Ground Water Board (CGWB) & District Level Evaluation Committee (DLEC) strictly control the ground water abstraction by the industries. Chief Engineer & Director, Groundwater Development, Bhubaneswar monitors the fluctuation of the groundwater level in all 30 districts in regular interval.			
XV	Good Irrigation Practices being adopted by the state:	Rotational water supply in Daya West Branch Canal system recharges the ground water as well as river or drain.	In every year, during Kharif crop (1st July to 15th Nov). and Rabi crop (1st week of January to 15th of May).	Rotational water supply is maintained in Kharif & Rabi crops.	
XVI	Rainwater harvesting	Construction of **Rooftop Rainwater Harvesting Structure (RRHS) in Govt. and Private Building in towns** of Odisha.	2014-15 to 2018-19	131 nos in Govt. Buildings & 5359 nos. in Private Buildings	Bhubaneswar Town
			2019-20	Nil	
			2020-21	Nil	
			2021-22	Nil	
			2022-23	994 nos. in Private Buildings and 38 nos. in Govt. Buildings	
			2023-24	1213 nos. in Private Buildings and 27 nos. in Govt. Buildings	
			2024-25	457 nos. in Private Buildings and 28 nos. in Govt. Buildings	
			2025-26	During March 1505 Nos, in Private Buildings and 02nos. In GW budget.	
			2026-27	During August 422 nos. in CHHATA Scheme on pvt. Building and 0 nos in Govt. Building.	
		Ground Water Recharge through construction of **Recharge shaft** in tanks and ponds	2019-20	9 nos.	In Khordha Dist.
			2020-21	Nil	
			2021-22	65 nos.	
			2022-23	80 nos. in GW budget & 90 nos. in ARUA Scheme	
			2023-24	12 nos. in GW budget & 122 nos. in ARUA Scheme	
			2024-25	124 nos. in ARUA Scheme & 24 nos in GW scheme.	
			2025-26	during march ,2026, 130 Nos. in ARUA Scheme and 66 nos. In GW budget.	
			2026-27	Nil during August, 2026	

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month - August, 2026					
1. Name of the Polluted River Stretch :- Gangua Nallah (Along Bhubaneswar)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of % age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
		Construction of **Check Dam**	2019-20	534 nos. upto March, 2020	In Khordha Dist.
			2020-21	7 nos.	
			2021-22	3 nos.	
			2022-23	Nil	
			2023-24	1 Nos.	
			2024-25	During February 03 Nos. & cummulative 04 Nos.	
			2025-26	13 Nos.	
			2026-27	During August 0 No. & cummulative 17 Nos.	
XVII	Demarcation of Flood Plain & removal of illegal encroachments:	Construction of a cross regulator at RD 60 m. of Gangua Nallah to divert the entire flood discharge of Chandaka catchment to Kuakhai river through Budhi Nalla in high flood situation. When encroachment are noticed, Revenue Authorities are moved to make the land free from encroachment to maintain the natural flow in the drain.			Work is under progress.
XVIII	Maintaining minimum e-flows of river	It is a storm water drain. The minimum flow in Gangua Nalla in non-monsoon is maintained by inletting water from river Mahanadi through Daya West Branch Canal.	During lean period from Nov to May.	Maintained	There is 10 cusec water release to Gangua Nallah through Palasuni Escape from 01.08.2026 to 31.08.2026.
XIX	Plantation activities along the river	4900 seedlings have been planted along the drainage canals by Khordha Drainage Division during monsoon of 2018.	During Monsoon 2018.	1979 nos. of plants are alive.	

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month - August, 2026					
2. Name of the Polluted River Stretch :- Daya (Bhubaneswar to Baragada)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
XIV	Ground Water regulation:	Govt. of Odisha has formulated an Act for regulation for groundwater namely "The Odisha Ground Water (Regulation, Development and Management) Act, 2011". Central Ground Water Board (CGWB) & District Level Evaluation Committee (DLEC) strictly control the ground water abstraction by the industries. Chief Engineer & Director, Groundwater Development, Bhubaneswar monitors the fluctuation of the groundwater level in all 30 districts in regular interval.			
XV	Good Irrigation Practices being adopted by the state:	Rotational water supply in Puri Main Canal system recharges the ground water as well as river or drain.	In every year, during Kharif crop (1st July to 15th Nov). and Rabi crop (1st week of January to 15th of May).	Rotational water supply is maintained in Kharif & Rabi crops.	
XVI	Rainwater harvesting	Construction of **Rooftop Rainwater Harvesting Structure (RRHS) in Govt. and Private Building in towns** of Odisha.	2014-15 to 2018-19	131 nos in Govt. Buildings & 5359 nos. in Private Buildings	Bhubaneswar town
			2019-20	Nil	
			2020-21	Nil	
			2021-22	Nil	
			2022-23	994 nos. in Private Buildings and 38 nos. in Govt. Buildings under	
			2023-24	1213 nos. in Private Buildings and 27 nos. in Govt. Buildings	
			2024-25	457 nos. in Private Buildings and 28 nos. in Govt. Buildings	
			2025-26	During March 1505 Nos, in Private Buildings and 02nos. In GW budget.	
			2026-27	During August 422 nos. in CHHATA Scheme on pvt. Building and 0 nos in Govt. Building.	
		Ground Water Recharge through construction of **Recharge shaft** in tanks and ponds	2019-20	9 nos.	In Khordha Dist.
			2020-21	Nil	
			2021-22	65 nos.	
			2022-23	80 nos. in GW budget & 90 nos. in ARUA Scheme	
			2023-24	12 nos. in GW budget & 122 nos. in ARUA Scheme	
			2024-25	124 nos. in ARUA Scheme & 24 nos in GW scheme.	
			2025-26	during march ,2026, 130 Nos. in ARUA Scheme and 66 nos. In GW budget.	
			2026-27	Nil during August, 2026	

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month - August, 2026					
2. Name of the Polluted River Stretch :- Daya (Bhubaneswar to Baragada)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
		Construction of **Check Dam**	2019-20	534 nos. upto March, 2020	In Khordha Dist.
			2020-21	7 nos.	
			2021-22	3 nos.	
			2022-23	Nil	
			2023-24	1 Nos.	
			2024-25	During February 03 Nos. & cummulative 04 Nos.	
			2025-26	13 Nos.	
			2026-27	During August 0 No. & cummulative 17 Nos.	
XVII	Demarcation of Flood Plain & removal of illegal encroachments:	All the flood plain zones are adequately protected and effectively managed every year. When encroachment are noticed, Revenue Authorities are moved to make the land free from encroachment to maintain the natural flow in the drain.			
XVIII	Maintaining minimum e-flows of river	e-flow maintained. Integrated watershed management programme is executed through out the state by Odisha Watershed Development Mission.	During lean period from Nov to May.	Maintained	
XIX	Plantation activities along the river	11865 seedlings have been planted along the canal colony office premises by Prachi Division during Monsoon-2018.	During Monsoon 2018.		By Prachi Division, Bhubaneswar

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month -August,2026					
3. Name of the Polluted River Stretch :- Brahmani (Rourkela to Biritol)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
XIV	Ground Water regulation:	Govt. of Odisha has formulated an Act for regulation for groundwater namely "The Odisha Ground Water (Regulation, Development and Management) Act, 2011" . Central Ground Water Board (CGWB) & District Level Evaluation Committee (DLEC) strictly control the ground water abstraction by the industries. Chief Engineer & Director, Groundwater Development, Bhubaneswar monitors the fluctuation of the groundwater level in all 30 districts in regular interval.			
XV	Good Irrigation Practices being adopted by the state:				
XVI	Rainwater harvesting	Construction of **Rooftop Rainwater Harvesting Structure (RRHS) in Govt. and Private Building in towns** of Odisha.	2014-15 to 2018-19	7 no in Govt. Buildings & 76 nos. in Private Buildings	Rourkela town
			2019-20	Nil	
			2020-21	Nil	
			2021-22	Nil	
			2022-23	6 nos. in Govt. Building & 58 nos. on Pvt. Buildings.	
			2023-24	4 nos. in Govt. Building & 416 nos. on Pvt. Buildings.	
			2024-25	16 nos. in Govt. Building & 497 nos. on Pvt. Buildings.	
			2025-26	During March 482 nos. in CHHATA Scheme on pvt. Building and 55 nos in Govt. Building.	
			2026-27	By August 2 1 1 nos. in CHHATA Scheme on pvt. Building and 04 nos in Govt. Building.	
		Ground Water Recharge through construction of **Recharge shaft** in tanks and ponds	2019-20	4 nos.	In Sundargarh Dist.
			2020-21	5 nos.	
			2021-22	5 nos.	
			2022-23	24 nos. through GW Budget and 6 nos. through ARUA Scheme	
			2023-24	12 nos. through ARUA Scheme	
			2024-25	08 nos. through ARUA Scheme	
			2025-26	During March 16 Nos.in ARUA Scheme.	
			2026-27	During August 02 Nos. in ARUA Scheme.	

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month -August, 2026					
3. Name of the Polluted River Stretch :- Brahmani (Rourkela to Biritol)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
		Construction of **Check Dam**	2019-20	742 nos. upto March, 2020	In Sundargarh Dist.
			2020-21	Nil	
			2021-22	Nil	
			2022-23	5 nos.	
			2023-24	17 Nos.	
			2024-25	During February 01 no. & cummulative 23 Nos.	
			2025-26	39 Nos.	
			2026-27	During August 0 No. & cummulative 46 Nos.	
XVII	Demarcation of Flood Plain & removal of illegal encroachments:	All the flood plain zones are adequately protected and effectively managed every year. When encroachment are noticed, Revenue Authorities are moved to make the land free from encroachment to maintain the natural flow in the drain.			
XVIII	Maintaining minimum e-flows of river	e-flow maintained. Integrated watershed management programme is executed through out the state by Odisha Watershed Development Mission.	During lean period from Nov to May.	Maintained	
XIX	Plantation activities along the river	27373 nos. of saplings and seedlings have been planted along the drainage canals by Sundargarh Irr. Division & 17944 nos. of sapling and seedinghave been sown along the canal by Rukura Canal Division during monsoon of 2018.	During Monsoon 2018.		By Sundargarh Irr. Division and Rukura Canal Division, Rourkela.

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month -August, 2026					
4. Name of the Polluted River Stretch :- Gurudih Nalla (Rourkela)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
XIV	Ground Water regulation:	Govt. of Odisha has formulated an Act for regulation for groundwater namely "The Odisha Ground Water (Regulation, Development and Management) Act, 2011" . Central Ground Water Board (CGWB) & District Level Evaluation Committee (DLEC) strictly control the ground water abstraction by the industries. Chief Engineer & Director, Groundwater Development, Bhubaneswar monitors the fluctuation of the groundwater level in all 30 districts in regular interval.			
XV	Good Irrigation Practices being adopted by the state:				
XVI	Rainwater harvesting	Construction of **Rooftop Rainwater Harvesting Structure (RRHS) in Govt. and Private Building in towns** of Odisha.	2014-15 to 2018-19	7 no in Govt. Buildings & 76 nos. in Private Buildings	Rourkela town
			2019-20	Nil	
			2020-21	Nil	
			2021-22	Nil	
			2022-23	6 nos. in Govt. Building & 58 nos. on Pvt. Buildings.	
			2023-24	4 nos. in Govt. Building & 416 nos. on Pvt. Buildings.	
			2024-25	16 nos. in Govt. Building & 497 nos. on Pvt. Buildings.	
			2025-26	During March 482 nos. in CHHATA Scheme on pvt. Building and 55 nos. in Govt. Building.	
			2026-27	During August 211 nos. in CHHATA Scheme on pvt. Building and 04 nos. in Govt. Building.	
		Ground Water Recharge through construction of **Recharge shaft** in tanks and ponds	2019-20	4 nos.	In Sundargarh Dist.
			2020-21	5 nos.	
			2021-22	5 nos.	
			2022-23	24 nos. through GW Budget and 6 nos. through ARUA Scheme	
			2023-24	12 nos. through ARUA Scheme	
			2024-25	08 Nos.	
			2025-26	During March 16 Nos.in ARUA Scheme.	
			2026-27	During August 02 Nos.in ARUA Scheme	

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month -August, 2026					
4. Name of the Polluted River Stretch :- Gurudih Nalla (Rourkela)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
		Construction of **Check Dam**	2019-20	742 nos. upto March,	In Sundargarh Dist.
			2020-21	Nil	
			2021-22	Nil	
			2022-23	5 nos.	
			2023-24	17 Nos.	
			2024-25	During February 01 no. & cummulative 23 Nos..	
			2025-26	39 Nos.	
			2026-27	During August 0 No. & cummulative 46 Nos.	
XVII	Demarcation of Flood Plain & removal of illegal encroachments:	All the flood plain zones are adequately protected and effectively managed every year. When encroachment are noticed, Revenue Authorities are moved to make the land free from encroachment to maintain the natural flow in the drain.			
XVIII	Maintaining minimum e-flows of river	e-flow maintained. Integrated watershed management programme is executed through out the state by Odisha Watershed Development Mission.	During lean period from Nov to May.	Maintained	
XIX	Plantation activities along the river	27373 no. of saplings and seedling have been planted along the drainage canals by Sundargarh Irr. Division & 17944 nos. of sapling and seedinghave been sown along the canal by Rukura Canal Division during monsoon of 2018.	During Monsoon 2018.		By Sundargarh Irr. Division and Rukura Canal Division, Rourkela.

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month -August, 2026					
5. Name of the Polluted River Stretch :- Mangala (Along Puri)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
XIV	Ground Water regulation:	Govt. of Odisha has formulated an Act for regulation for groundwater namely "The Odisha Ground Water (Regulation, Development and Management) Act, 2011" . Central Ground Water Board (CGWB) & District Level Evaluation Committee (DLEC) strictly control the ground water abstraction by the industries. Chief Engineer & Director, Groundwater Development, Bhubaneswar monitors the fluctuation of the groundwater level in all 30 districts in regular interval.			
XV	Good Irrigation Practices being adopted by the state:				
XVI	Rainwater harvesting	Construction of **Rooftop Rainwater Harvesting Structure (RRHS) in Govt. and Private Building in towns** of Odisha.	2014-15 to 2018-19	34 nos in Govt. Buildings & 633 nos. in Private Buildings	Puri town
			2019-20	Nil	
			2020-21	Nil	
			2021-22	Nil	
			2022-23	3 nos in Govt. Building & 180 nos. in Private Building	
			2023-24	10 nos in Govt. Building & 347 nos. in Private Building	
			2024-25	5 nos in Govt. Building & 137 nos. in Private Building	
			2025-26	During March 411 nos. in CHHATA Scheme on pvt. Building and 10nos in Govt. Building.	
			2026-27	By August 105 nos. in CHHATA Scheme on pvt. Building and 0 no. in Govt. Building.	
		Ground Water Recharge through construction of **Recharge shaft** in tanks and ponds	2019-20	Nil	In Puri Dist.
			2020-21	Nil	
			2021-22	20 nos.	
			2022-23	26 nos. in GW budget & 7 nos. in ARUA Scheme	
			2023-24	6 nos. in GW budget & 7 nos. in ARUA Scheme	
			2024-25	7 nos. in ARUA Scheme	
			2025-26	upto March 7 nos. in ARUA Scheme	
			2026-27	Nil during August, 2026	

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month -August, 2026					
5. Name of the Polluted River Stretch :- Mangala (Along Puri)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
		Construction of **Check Dam**	2019-20	118 nos. upto March, 2020	In Puri Dist.
			2020-21	24 nos.	
			2021-22	Nil	
			2022-23	Nil	
			2023-24	Nil	
			2024-25	Nil	
			2025-26	Nil	
			2026-27	Nil	
XVII	Demarcation of Flood Plain & removal of illegal encroachments:	All the flood plain zones are adequately protected and effectively managed every year. When encroachment are noticed, Revenue Authorities are moved to make the land free from encroachment to maintain the natural flow in the drain.			
XVIII	Maintaining minimum e-flows of river	e-flow maintained. Integrated watershed management programme is executed through out the state by Odisha Watershed Development Mission.	During lean period from Nov to May.	Maintained	
XIX	Plantation activities along the river	1700 saplings have been planted along the canal colony, office premises by Puri Irr. Division during monsoon of 2018.	During Monsoon 2018.		By Puri Irr. Division, Puri

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month -August, 2026					
6. Name of the Polluted River Stretch :- Kathajodi (Cuttack to Uralli)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
XIV	Ground Water regulation:	Govt. of Odisha has formulated an Act for regulation for groundwater namely "The Odisha Ground Water (Regulation, Development and Management) Act, 2011" . Central Ground Water Board (CGWB) & District Level Evaluation Committee (DLEC) strictly control the ground water abstraction by the industries. Chief Engineer & Director, Groundwater Development, Bhubaneswar monitors the fluctuation of the groundwater level in all 30 districts in regular interval.			
XV	Good Irrigation Practices being adopted by the state:	No irrigation water recharges river Kathajodi (from Cuttack to Uralli)			
XVI	Rainwater harvesting	Construction of **Rooftop Rainwater Harvesting Structure (RRHS) in Govt. and Private Building in towns** of Odisha.	2014-15 to 2018-19	7 nos. in Govt. Buildings & 123 nos. in Private Buildings	Cuttack town
			2019-20	Nil	
			2020-21	Nil	
			2021-22	Nil	
			2022-23	23 nos. in Govt. Building & 374 nos. in Private Building	
			2023-24	5 nos. in Govt. Building & 325 nos. in Private Building	
			2024-25	12 nos. in Govt. Building & 249 nos. in Private Building	
			2025-26	26 nos. in Govt. Building & 173 nos. in Private Building, 4 nos. in GW budget	
			2026-27	By August 0 nos. in Govt. Building & 142 nos. in Private Building	
		Ground Water Recharge through construction of **Recharge shaft** in tanks and ponds	2019-20	5 nos.	In Cuttack Dist.
			2020-21	Nil	
			2021-22	Nil	
			2022-23	Nil	
			2023-24	18 Nos in ARUA Scheme.	
			2024-25	4 nos. in GW budget.	
			2025-26	0 nos. in GW budget. 14nos. in ARUA scheme.	
			2026-27	Nil during August, 2026	

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month -August, 2026					
6. Name of the Polluted River Stretch :- Kathajodi (Cuttack to Uralli)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
		Construction of **Check Dam**	2019-20	699 nos. upto March, 2020	In Cuttack Dist.
			2020-21	8 nos.	
			2021-22	2 nos.	
			2022-23	14 nos.	
			2023-24	40 Nos.	
			2024-25	During february nil. & cummulative 63 Nos	
			2025-26	88 Nos.	
			2026-27	During August 0 Nos. & cummulative 92 Nos.	
XVII	Demarcation of Flood Plain & removal of illegal encroachments:	All the flood plain zones are adequately protected and effectively managed every year. When encroachment are noticed, Revenue Authorities are moved to make the land free from encroachment to maintain the natural flow in the drain.			
XVIII	Maintaining minimum e-flows of river	e-flow maintained. Integrated watershed management programme is executed through out the state by Odisha Watershed Development Mission.	During lean period from Nov to May.	Maintained	
XIX	Plantation activities along the river	3250 no saplings have been planted along the canal colony, office premises by Mahanadi South Division-I & 10610 no saplings have been planted along the canal colony, office premises by Mahanadi Barrage Division, Cuttack during monsoon of 2018.	During Monsoon 2018.		By Mahanadi South Division-I & by Mahanadi Barrage Division, Cuttack.

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)					
Month – August, 2026					
7. Name of the Polluted River Stretch :- Serua River (Khandaeta to Sankhatrasa, Cuttack)					
Sl No.	**Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state**	**Proposed Achievable Target**	**Proposed Time Targets for compliance**	**Present Status or pendency in terms of %age**	**Remarks**
1	**2**	**3**	**4**	**5**	**6**
XIV	Ground Water regulation:	Govt. of Odisha has formulated an Act for regulation for groundwater namely "The Odisha Ground Water (Regulation, Development and Management) Act, 2011" . Central Ground Water Board (CGWB) & District Level Evaluation Committee (DLEC) strictly control the ground water abstraction by the industries. Chief Engineer & Director, Groundwater Development, Bhubaneswar monitors the fluctuation of the groundwater level in all 30 districts in regular interval.			
XV	Good Irrigation Practices being adopted by the state:	Rotational water supply in Kakatpur Branch Canal system recharges the ground water as well as river or drain.	In every year, during Kharif crop (1st July to 15th Nov). and Rabi crop (1st week of January to 15th of May).	Rotational water supply is maintained in Kharif & Rabi crops.	
XVI	Rainwater harvesting	Construction of **Rooftop Rainwater Harvesting Structure (RRHS) in Govt. and Private Building in towns** of Odisha.	2014-15 to 2018-19	7 nos. in Govt. Buildings & 123 nos. in Private Buildings	Cuttack town
			2019-20	Nil	
			2020-21	Nil	
			2021-22	Nil	
			2022-23	23 nos. in Govt. Building & 374 nos. in Private Building	
			2023-24	5 nos. in Govt. Building & 325 nos. in Private Building	
			2024-25	12 nos. in Govt. Building & 249 nos. in Private Building	
			2025-26	26 nos. in Govt. Building & 173 nos. in Private Building, 4 nos. in GW budget	
			2026-27	By August 0 nos. in Govt. Building & 142 nos. in Private Building	
		Ground Water Recharge through construction of **Recharge shaft** in tanks and ponds	2019-20	5 nos.	In Cuttack Dist.
			2020-21	Nil	
			2021-22	Nil	
			2022-23	Nil	
			2023-24	18 Nos in ARUA Scheme.	
			2024-25	4nos. in GW budget.	
			2025-26	0 nos. in GW budget. 14nos. in ARUA scheme.	
			2026-27	Nil during August, 2026	

National Mission for Clean Ganga Format for submission of Monthly Progress Report in the NGT Matter O.A. No. 673 of 2018 (in compliance to NGT Order Dtd. 24.09.2020)

Month -August,2026

7. Name of the Polluted River Stretch :- Serua River (Khandaeta to Sankhatrasa, Cuttack)

Sl No.	Key Components of Proposed Action Plan for restoration of identified polluted river stretch in the state	Proposed Achievable Target	Proposed Time Targets for compliance	Present Status or pendency in terms of %age	Remarks
1	2	3	4	5	6
		Construction of Check Dam	2019-20	699 nos. upto March, 2020	In Cuttack Dist.
			2020-21	6 nos	
			2021-22	2 nos	
			2022-23	14 nos	
			2023-24	40 nos	
			2024-25	During febraury nil. & cummulative 63 Nos.	
			2025-26	88 nos.	
			2026-27	During August 0 No. & cummulative 92 Nos.	
XVII	Demarcation of Flood Plain & removal of illegal encroachments	All the flood plain zones are adequately protected and effectively managed every year. When encroachment are noticed, Revenue Authorities are moved to make the land free from encroachment to maintain the natural flow in the drain			
XVIII	Maintaining minimum e-flows of river	e-flow maintained Integrated watershed management programme is executed through out the state by Odisha Watershed Development Mission	During lean period from Nov to May	Maintained	
XIX	Plantation activities along the river	3250 nos of saplings have been planted along the canal colony, office premises by Mahanadi South Division-I & 4260 nos of saplinsg & seedlings have been planted along the canal colony, office premises by Jagatsinghpur Irr Division, Jagatsinghpur during monsoon of 2018.	During Monsoon 2018		By Mahanadi South Division-I & by Jagatsinghpur Irr. Division Jagatsinghpur.

10.09.2026
ADD,CEM-II

10.9.26
DD,CEM-II

10/09/2026
AD,CEM

10.09.2026
Chief Engineer, HH,GIS & CEM

RELEASE OF WATER TO GANGUA NALLAH THROUGH PALASUNI ESCAPE AT RD 12.640 KM OF DAYA WEST BRANCH CANAL

Date	Discharge in Cusec.
01.08.2026	1
02.08.2026	1
03.08.2026	1
04.08.2026	1
05.08.2026	2
06.08.2026	1
07.08.2026	1
08.08.2026	1
09.08.2026	1
10.08.2026	1
11.08.2026	2
12.08.2026	2
13.08.2026	2
14.08.2026	1
15.08.2026	1
16.08.2026	1
17.08.2026	1
18.08.2026	1
19.08.2026	1
20.08.2026	1
21.08.2026	1
22.08.2026	1
23.08.2026	1
24.08.2026	1
25.08.2026	1
26.08.2026	1
27.08.2026	1
28.08.2026	1
29.08.2026	1
30.08.2026	
31.08.2026	1

31 cusec

31.7.2026

Assistant Engineer
Section - III, Bhubaneswar Irr. Sub-Divn.

31.7.26

Assistant Executive Engineer
Bhubaneswar Irrigation Sub-Division

DISTRICT WISE LIST OF COMPLETED CHECK DAMS (UPTO THE MONTH OF AUGUST 2026) RELATING TO MI										
SL. NO.	DISTRICT	New Sanctioned Check Dams during 2021-22 & 2026-27								
		2025-26								
		Nos. of sanctioned Check dams(MATY-2.0)	Nos. of sanctioned Check dams(MATY-3.0)	Total No of sanctioned Check dams	No. of check dams completed			Irrigation potential created in Ha.(IPC)		
					Check dams completed by July 2026	During the Month of August 2026	Total Completed	IPC by July 2026	During the Month of August 2026	Total IPC
1	2	3	4	5	6	7	8	9	10	11
1	Angul	43	28	71	52		52	1404		1404
2	Balangir	108	128	236	148	4	152	3763	113	3876
3	Balasore	17	4	21	18		18	364		364
4	Baragarh	42	42	84	46	1	47	1313	33	1346
5	Bhadrak	6		6	4		4	84		84
6	Boudh	100	8	108	103		103	3169		3169
7	Cuttack	94	38	132	92		92	2095		2095
8	Deogarh	39	14	53	40	1	41	925	20	945
9	Dhenkanal	42	24	66	56		56	1321		1321
10	Gajapati	58	12	70	53		53	1435		1435
11	Ganjam	62	10	72	53		53	1611		1611
12	Jagatsinghpur			0	0		0	0		0
13	Jajpur	25	13	38	24		24	570		570
14	Jharsuguda	21	2	23	16		16	418		418
15	Kalahandi	51	28	79	40		40	1016		1016
16	Kandhamal	72	49	121	107		107	2974		2974
17	Kendrapada	5		5	5		5	129		129
18	Keonjhar	24	49	73	24		24	729		729
19	Khurdha	18	23	41	17		17	344		344
20	Koraput	41	54	95	54	6	60	1254	145	1399
21	Malkangiri	29	31	60	35		35	704		704
22	Mayurbhanj	95	36	131	89		89	2443		2443
23	Nabarangpur	40	11	51	47		47	900		900
24	Nayagarh	53	4	57	53		53	1467		1467
25	Nuapada	2	4	6	2		2	38		38
26	Puri				0		0	0		0
27	Rayagada	49	69	118	50	1	51	1298	15	1313
28	Sambalpur	96	57	153	93		93	2018		2018
29	Subarnapur	11	8	19	10	1	11	185	16	201
30	Sundargarh	37	39	76	46		46	1005		1005
	Total	1280	785	2065	1377	14	1391	34976	342	35318

Prachapatra
08.09.2026
AEE (MLE)

08/9/26
(SoE, MLE)

By e-Mail.

DIRECTORATE OF GROUND WATER DEVELOPMENT: ODISHA
HP BUILDING, UNIT-8, DELTA SQUARE, BHUBANESWAR-12
[Phone No.2561038 (O), Fax: 2561046; email: gwd.odisha@gmail.com]

No.2M-05/2024. 1792 /GWD Date: 03/09/2026

From

Er. Goutam Kumar Sethi,
Chief Engineer & Director.

To

The Engineer-in-Chief, WR,
Secha Sadan, Odisha,
Bhubaneswar

Sub: **Submission of monthly important activities highlighting the important achievements, physical progress of important projects of the Department – regd.**

Ref: **Letter No. MON-MISC-TC-125/2025. 2667 Dtd.24/01/2025**

Sir,

In inviting a kind reference to the letter on the subject cited above, I am to submit herewith the physical progress of this Directorate for the month of August – 2026 for your kind information.

Yours faithfully,

03/09/2026

Chief Engineer & Director

Memo No. 1793 (2) /GWD Date: 03/09/2026

Copy alongwith copy of enclosures forwarded to the Chief Engineer (Monitoring)/ Chief Engineer, HH, GIS & CEM, Secha Sadan, Odisha, Bhubaneswar for information.

03/09/2026

Chief Engineer & Director

Roof Top Rain Water Harvesting In Govt. Buildings (Up To 31/08/2026)

CHHATA SCHEME(RRHS) IN 52 BLOCKs				
S/N	District	Blocks	*RRHS IN GOVT.BUILDING (Programme for the year 2026-27)*	*Constructed during the FY-2026-27 (Upto 31/08/2026)*
1	Nayagarh	Nayagarh	3	
2	Puri	Kakatapur	5	
3	Khurda	Bolagarh	3	
4	Khurda	Balipatna	2	
5	Khurda	Bhubaneswar	2	
6	Khurda	Khurda	5	
7	Dhenkanal	Dhenkanal	2	
8	Dhenkanal	Odapada	2	
9	Anugola	Kaniha	3	
10	Anugola	Talcher	3	
11	Cuttack	Cuttack Sadar	6	
12	Jagatsinghpur	Naugaon	6	
13	Jagatsinghpur	Kujanga	7	
14	Jagatsinghpur	Jagatsinghpur	6	
15	Jajpur	Rasulpur	9	
16	Jajpur	Binjharpur	7	
17	Jajpur	Jajpur	3	
18	Jajpur	Dasarathapur	8	
19	Jajpur	Bari	4	
20	Jajpur	Korei	2	
21	Kendrapada	Pattamundai	2	
22	Kendrapada	Kendrapada	3	
23	Kendrapada	Aul	4	
24	Kendrapada	Garadpur	2	
25	Ganjam	Ganjam	3	
26	Ganjam	Aska	4	
27	Jharsuguda	Jharsuguda	2	2
28	Sundargarh	Bisra	2	2
29	Subarnapur	Tarava	4	
30	Subarnapur	Sonepur	4	
31	Baragarh	Bhatali	6	6
32	Baragarh	Jharabandha	6	
33	Baragarh	Padmapur	5	5
34	Baragarh	Baragarh	13	7
35	Baragarh	Sohela	8	8
36	Bolangir	Loisingha	10	
37	Bolangir	Bolangir	12	
38	Nuapada	Nuapada	2	2
39	Balesore	Remuna	2	
40	Balesore	Nilagiri	5	
41	Balesore	Jaleswar	3	
42	Balesore	Baliapal	2	
43	Balesore	Bahananga	2	

44	Bhadrack	Dhamanagar	5	
45	Bhadrak	Bhadrak	4	
46	Bhadrak	Bhandaripokhari	5	
47	Keonjhar	Joda	9	
48	Mayurbhanj	Rasagobindapur	2	
49	Mayurbhanj	Badsahi	3	
50	Mayurbhanj	Sukruli	1	
51	Mayurbhanj	Udala	4	
52	Mayurbhanj	Betonati	3	
	TOTAL:		230	32

3/9/26

Personal Assistant (Tech.)
Ground Water Development
Odisha, BBSR

CHHATA SCHEME(RRHS) IN 27 ULBs upto 31/08/2026						
S/N	DISTRICT	BLOCKS	RRHS IN GOVT. BUILDING	Constructed during the FY-2026-27 (Upto 31/08/2026)	RRHS IN PVT. BUILDING	Constructed during the FY-2026-27 (Upto 31/08/2026)
1	Anugola	Anugola	3	3	99	53
2	Anugola	Talcher	3		69	7
3	Dhenkanal	Dhenkanal	3		43	43
4	Bargarh	Bargarh	4		160	154
5	Bargarh	Padmapur	3	2	38	24
6	Bargarh	Barpalli	3		49	36
7	Bolangir	Bolangir	6		258	195
8	Bolangir	Titilagarh	3		128	98
9	Subarnapur	Tarava	1		0	0
10	Subarnapur	Sonepur	2		127	92
11	Cuttack	Katakk	4		454	142
12	Kendrapada	Kendrapada	10		261	78
13	Kendrapada	Pattamundai	2		236	80
14	Ganjam	Aska	5		134	85
15	Ganjam	Digapahandi	4		158	53
16	Ganjam	Hinjilikote	4		157	104
17	Ganjam	Berhampur	3		308	162
18	Jharsuguda	Jharsuguda	3	3	169	144
19	Sambalpur	Sambalpur	3	3	255	181
20	Sundargarh	Rourkela	4	4	234	211
21	Keonjhar	Joda	8		0	
22	Mayurbhanj	Baripada	3	2	526	400
23	Khurda	Khurda	13		202	72
24	Khurda	Bhubaneswar	15		322	422
25	Nabarangapur	Nabarangapur	2	2	(62+45)	107
26	Nayagarh	Nayagarh	11		236	62
27	Puri	Puri	12		245	105
	TOTAL:		137	19	4868	3110

3/9/26

Personal Assistant (Tech.)
Ground Water Development
Odisha, BBSR

Recharge of Ground Water through Ground Water Recharge Structures(GWRS) in the Tanks/Ponds of the State(No. of Tanks/Ponds (Up To 31/08/2026)

ARUA SCHEME(RECHARGE SHAFTS)				
S/N	District	Blocks	Recharge Shaft programmed during the FY-2026-27	Recharge Shaft constructed during the FY-2026-27 (Upto31/08/2026)
1	Anugola	Talcher	5	5
2	Puri	Kakatpur	11	
3	Nayagarh	Nayagarh	11	
4	Khurda	Khurda	11	
5	Khurda	Bhubaneswar	74	
6	Khurda	Bolagarh	63	
7	Khurda	Balipatna	11	
8	Kendrapara	Garadpur	18	10
9	Jajpur	Korei	101	48
10	Jagatsinghpur	Kujanga	13	
11	Kendrapara	Patamundai	70	
12	Jajpur	Binjharpur	10	
13	Cuttack	Cuttack sadar	8	
14	Jajpur	Rasulpur	5	
15	Jajpur	Jajpur	10	
16	Jajpur	Dasarathpur	12	
17	Bhadrak	Dhamnagar	5	
18	Mayurbhanj	Rasgovindpur	5	
19	Bhadrak	Bhandaripokhari	11	
20	Balasore	Bahanaga	11	
21	Mayurbhanj	Badasahi	5	
22	Balasore	Remuna	5	
23	Keonjhar	Joda	11	
24	Balasore	Baliapal	87	
25	Nuapada	Nuapada	32	32
26	Bargarh	Jharbandha	12	
27	Bolangir	Loisinga	12	10
28	Bargarh	Bargarh	6	6
29	Subarnapur	Sonepur	5	
30	Bargarh	Bhatli	11	7
31	Sundargarh	Bisra	5	2
32	Jharsuguda	Jharsuguda	5	5
	TOTAL		**661**	**125**

23/9/26
Personal Assistant (Tech.)
Ground Water Development
Odisha, BBSR.

Annexure-10

Odisha Water Supply & Sewerage Board

(A Govt. of Odisha Undertaking)
Satyanagar, Bhubaneswar–751007 Phone: (0674)2571185
Email:eicowssb@gmail.com

No. 2416 /dt. 28.09.2026
W-02/2021 (Vol-VI)

To

The Additional Secretary to Govt.,
H & UD Deptt. (Sanitation Section),
Odisha, Bhubaneswar

Sub.: Furnishing progress report for the month of August 2026 in connection with compliances to various orders & directions passed by the Hon'ble NGT in OA No. 673/2018, OA No.606/2018 & OA No. 593/2017.

Sir,

The monthly progress report towards compliances of various orders and directions passed by the Hon'ble NGT in OA No.673/2018, OA No.606/2018 & OA No.593/2017 for the month of August 2026 as received from the concerned stakeholders of WATCO, PHEO & ULBs is collectively furnished herewith for further necessary action at your end.

Encl.: As above.

Yours faithfully,
28/9/26
Chief Engineer, OWSSB

Memo No. 2417 /dt. 28.09.2026

Copy with copy of enclosures submitted to the Director, Environment-cum-Special Secretary to Govt., Forest, Environment & Climate Change Department, Odisha, Bhubaneswar, Email: env1992@gmail.com for information and necessary action.

Encl.: As above.

28/9/26
Chief Engineer, OWSSB

Memo No. 2418 /dt. 28.09.2026

Copy with copy of enclosures forwarded to the Member Secretary, State Pollution Control Board, Bhubaneswar for information and necessary action.

Encl.: As above.

28/09/26
Chief Engineer, OWSSB

[PTO]

OA Nos.593,606 & 673 forwaring letter

Memo No. 2419 /dt. 28/09/2026

Copy with copy of enclosures forwarded to the M.D., WATCO, Bhubaneswar for information and necessary action.

Encl.: As above.

28/09/26
Chief Engineer, OWSSB

Memo No. 2420 /dt. 28/09/2026

Copy with copy of enclosures submitted to the Engineer-in-Chief (PH), Odisha, Bhubaneswar for information and necessary action. It is requested to furnish the required information relating to Wastewater Treatment Plants at Talcher to the Director, Environment-cum-Special Secretary to Govt., Forest, Environment & Climate Change Department (Email: env1992@gmail.com) and H & UD Deptt., Odisha, Bhubaneswar for compliance.

Encl.: As above.

28/09/26
Chief Engineer, OWSSB

National Mission for Clean Ganga

Monthly Progress Report for the month of August 2026 for the State of Odisha

[Format for submission of monthly progress report in compliance to order dated 06.12.2019 in OA No. 673 of 2018 before the Hon'ble NGT]

Overall status of the State:

I. Total Population :

As per census 2011,

Total population of Odisha is	: 4,19,74,218
Total ULB population is	: 60,69,229
Estimated population of all ULBs for the year 2024	: 81,54,741
Projected population of all ULBs for the year 2030	: 93,49,116

II. Estimated Sewage Generation (MLD):

Sl. No.	Details of the ULB	Estimated sewage generation	Remarks
1	5 cities in Odisha has sewage collection and treatment system. These cities are (1) Bhubaneswar, (2) Cuttack, (3) Sambalpur, (4) Rourkela & (5) Puri. The detailed information will be provided by WATCO	Information to be furnished by WATCO	
2	Remaining 110 non sewer ULBs	580.04 MLD (80% of the water supply)	Information provided by ULBs

III. Details of Sewage Treatment

Sl. No.	Details of the ULB	Estimated sewage generation	Details of sewage treatment	Remarks
1	5 cities in Odisha has sewage collection and treatment system. These cities are (1) Bhubaneswar, (2) Cuttack, (3) Sambalpur, (4) Rourkela & (5) Puri. The detailed information will be provided by WATCO	Information to be furnished by WATCO		
2	Remaining 110 non sewer ULBs	580.04 MLD	2 MLD	2 MLD wastewater treatment plant at Talcher under PHEO.

- **Gap in Treatment Capacity in MLD :**

Sl. No.	Details of the ULB	Estimated Generation	Treatment	Gap	Remarks
A	5 cities in Odisha has sewage collection and treatment system. These cities are (1) Bhubaneswar, (2) Cuttack, (3) Sambalpur, (4) Rourkela & (5) Puri. The detailed information will be provided by WATCO.	Information to be furnished by WATCO			
B	For 110 non-sewer ULBs	580.04 MLD			
1.	Rairangpur	4.06 MLD	-	4.06 MLD	Work is under progress for 0.95 MLD FSTPs
2.	Bargarh	11.6 MLD	-	11.6 MLD	Tender floated for 15 MLD STP and associated structure
3.	Belpahad	5.46 MLD			Tender floated for 0.6 MLD STP with I&D structure
4.	Anugola	7.20 MLD			DPR for 8.5 MLD STP is under progress.
5.	Gopalpur	2.48 MLD			DPR for 1.22 MLD STP is under progress
6.	Talcher	6.72 MLD	2 MLD	4.72 MLD	2 MLD wastewater treatment plant at Talcher under PHEO.
7.	Remaining 104 non-sewer ULB	542.52 MLD		542.52 MLD	

Details of partly commissioned/ under construction STPs in the State

The detailed information is to be submitted by WATCO separately

I. **Details of Industrial Pollution: Not related to OWSSB**

II. **Solid Waste Management: Not related to OWSSB**

IV. **Bio-medical Waste Management: Not relate to OWSSB**

IV. **Hazardous Waste Management: Not relate to OWSSB**

V. **Plastic Waste Management: Not relate to OWSSB**

VI. Details of Alternate Treatment Technology being adopted by the State/UT :

VII. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:

VIII. Details of Nodal Officer appointed by Chief Secretary in the State/UT:

IX. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:

X. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river;

XI. Ground water regulation:

XII. Good irrigation practices being adopted by the State:

XIII. Rain Water Harvesting:

XIV. Demarcation of Floodplain and removal of illegal encroachments:

XV. Maintaining minimum e-flow of river:

XVI. Plantation activities along the rivers:

XVII. Development of biodiversity park:

XVIII. Reuse of Treated Water:

XIX. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:

XX. Status of Preparation of Action Plan by the 13 Coastal States:

XXI. Regulation of Mining Activities in the State/UT:

XXII. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring :

Mahapatra

(As on August 2026)

Sl. No.		Issue	Remarks
1	a	Quantity of Sewage generated in the State (In MLD)	919.60 MLD (as per information provided by WATCO & ULBs authorities).
2	a	Quantity of Sewage treated in the State(In MLD)	To be provided by WATCO in case of 5 sewer cities
3	a	Existing Coverage of Sewerage network (In Km)	
4	a	Has Sewage generation (town/ City wise) been estimated for present and future population? Please provide details of the same	
5	a	Has adequate treatment capacity been developed for treatment of sewage?	
	b	If not, then what is present percentage of sewage being treated?	
	c	If not, please provide the timeframe by which all sewage generated in the State shall be treated	
6	a	Please provide details of STPs (town / city wise) along with details on compliance status and treatment capacity	
7	a	Is entire sewage generated from each town being linked with sewerage network in the state?	
	b	If not, then what is the present current percentage of sewage being collected through the existing sewerage network?	
	c	If not, then please provide the timeframe by which all sewage generated in the State shall be collected through sewerage network	
8	a	Have all drains carrying wastewater in each town/ city been identified	
	b	Provide details on the pollution load due to these drains	
	c	Has in-situ treatment of wastewater being carried out in all such drains for reduction of pollution load?	
	d	If not, then please indicate the number of drains in which in-situ treatment of wastewater has commenced.	
	e	If not, then please provide the timeframe within which in –situ treatmert of wastewater shall be carried out in all such drains for reduction of pollution load.	
9	a	Have all bulk users for reuse of wastewater been identified?	
	b	Is all treated wastewater from the STPs being reused for different purposes?	-
	c	If not, then what is current percentage of wastewater being reused?	-
	d	If not, then please provide the timeframe within which all treated wastewater from STP shall be reused for different purposes.	

OA No. 593/2017 of Hon'ble NGT

FORMAT FOR SEWAGE MANAGEMENT IN ODISHA

(As on August 2026)

Sl.	Action Point	A	B	C= B-A	D
		Existing Status	Desired/ Projected	Gap	Timeline
1	Estimated Sewage Generation (In MLD)	To be provided by WATCO			
2	Treatment Capacity (In MLD)				
a.	STP				
b.	Septage	2087 KLD	2087 KLD	0	Completed
3	Status of Sewerage System (in KM)	To be provided by WATCO			
4	No. of STP	To be provided by WATCO			
5	Has bulk users identified for reuse of treated water such as Industrial Clusters, Metro Rail, India Railways, Infrastructure Projects, Agriculture, Bus Depots and PWD? (Y/N)	To be provided by WATCO			
6	Quantity of treated wastewater being used by Bulk User (in MLD)				
	Industrial Clusters	-	-	-	-
	Metro Rail	-	-	-	-
	Indian Railways	-	-	-	-
	Infrastructure Projects	-	-	-	-
	Agriculture	-	-	-	-
	Other (If any specify)	-	-	-	-
	PWD	-	-	-	-
7	No. of water Aquatic sources (Lakes, ponds etc.) being developed through treated waste water.	-	-	-	-

Format for State-wise review of compliance to Hon'ble NGT Directions in OA No. 606/2018 on Control of River Pollution

(As on August 2026)

1.	Name of State / UT ODISHA –P-III (1) P-V (5) : Total -6			Odisha
2.	No. of identified polluted river stretches, P-I to P-V (Related to ULBs of Puri, Bhubaneswar, Cuttack, Rourkela, Sambalpur &Talcher)			Not coming under OWSSB. However, at present it is a subject of WATCO & SPCB.
3.	Water Quality			
A.	Polluted River Stretch (Range in year 2019)			
	BOD (mg/l)	Min.		
		Max.		
	Feacal coliform (MPN/ 100 ml)	Min.		
		Max.		
	In absence of FC, TC may be given			
B.	Has the State identified all pollution contributing drains			
4.	Action plan addressing the gaps			
A.	Gap assessment in sewage treatment completed			
B.	Gap assessment for industrial pollution completed			
C.	Solid waste management Addressed			
D.	Other wastes			
5.	Measures taken for			
A.	Control of Illegal Ground Water Abstraction			
B.	River catchment/ Basin Management			
C.	Flood Plain Zone Protection			
D.	E Flow maintenance & watershed management			
E.	Ground water recharge/ rain- water harvesting			
F.	Setting up of Biodiversity Parks, Greenery / Plantation along the banks of rivers stretch			
G.	Removal of encroachments			
6.	Progress in line with target dates of March 2021			

Mohapatra

Table 1: Detail of drains contributing to pollution in polluted river stretch

River Stretch :			Priority :	
Drain	Type Domestic/ Industrial / Mixed	Quantity (MLD)	BOD (mg/l)	FC (MPN/100ml)
1				
2				
3				

In absence of FC, TC may be given

Table 2 : Detail for sewage management (in MLD)

Generated		Processed/ Treated	Gap
Bhubaneswar	To be provided by WATCO		
Cuttack			
Sambalpur			
Rourkela			
Puri			
Talcher			
Total			

Table 3: Detail for Industrial effluent management (in MLD)

Generated	Processed/ Treated	Gap
Not related to OWSSB		

Table4 : Detail for MSW (in TPD)

Generated	Processed/ Treated	Gap
Not related to OWSSB		

Table5 : Detail for other wastes (in TPD)

Type of Waste	Generated	Processed/ Treated	Gap
BMW	Not related to OWSSB		
HW			
Plastic Waste			
E Waste			
C &D waste			

Mohapatra

STATUS OF IMPLEMENTATION OF SEPTAGE PROJECTS
[As on 30th November 2025]

Sl. No.	Name of the ULB	Installed Treatment capacities of existing FSTPs (In KLD)	Estimated generation of faecal sludge / septage (In KLD) [1]	Avg. daily utilisation of treated faecal sludge / septage (In KLD) [2] (Avg. of last 3 months)	Status
1	Anandpur (M)	10	11	1.2	O&M by the ULB
2	Angul (M)	18	13	12.6	O&M by the ULB
3	Aska (NAC)	10	6	2.2	O&M by the ULB
4	Athagad (NAC)	10	5	0	O&M by the ULB
5	Atmallik (NAC)	10	4	1.3	O&M by the ULB
6	Attabira (NAC)	10	5	1.9	O&M by the ULB
7	Balangir (M)	30	28	10.2	O&M by the ULB
8	Balasore (M)	60	34	11.4	O&M by the ULB
9	Balimela (NAC)	10	3	0	O&M by the ULB
10	Baliguda (NAC)	10	5	0.8	O&M by the ULB
11	Balugaon (NAC)	10	5	0.1	O&M by the ULB
12	Banapur (NAC)	10	5	0.3	O&M by the ULB
13	Banki (NAC)	10	5	6.1	O&M by the ULB
14	Barbil (M)	20	19	6.6	O&M by the ULB
15	Bargarh (M)	30	23	2.7	O&M by the ULB
16	Baripada (M)	50	32	28.5	O&M by the ULB
17	Barapali (NAC)	10	6	0.4	O&M by the ULB
18	Basudebpur (M)	10	10	8.1	O&M by the ULB
19	Bellaguntha (NAC)	10	3	2.1	O&M by the ULB
20	Belpahar (M)	10	11	1.8	O&M by the ULB
21	Berhampur (MC)	100	103	29	O&M by the ULB
22	Bhadrak (M)	30	31	15.3	O&M by the ULB
23	Bhanjanagar (NAC)	10	6	3.1	O&M by the ULB
24	Bhawanipatna (M)	20	20	2	O&M by the ULB
25	Bhuban (NAC)	10	6	1.4	O&M by the ULB
26	Bhubaneswar (MC)	150	49	118.5	O&M by the ULB
27	Bijepur (NAC)	10	3	1.1	O&M by the ULB
28	Binika (NAC)	10	5	0.4	O&M by the ULB
29	Brahmapur (M)	10	10	9.7	O&M by the ULB
30	Boudhgarh (NAC)	10	6	1.7	O&M by the ULB
31	Brajarajnagar (M)	30	23	0.9	O&M by the ULB
32	Buguda (NAC)	10	4	1.8	O&M by the ULB
33	Champua (NAC)	10	5	2.4	O&M by the ULB
34	Chandbali (NAC)	10	8	1.8	O&M by the ULB
35	Chhatrapur (NAC)	10	6	0.3	O&M by the ULB
36	Chikiti (NAC)	10	3	2.3	O&M by the ULB
37	Choudwar (M)	17	12	2.52	O&M by the ULB

STATUS OF IMPLEMENTATION OF SEPTAGE PROJECTS
[As on 30th November 2025]

Sl. No.	Name of the ULB	Installed Treatment capacities of existing FSTPs (In KLD)	Estimated generation of faecal sludge / septage (In KLD) [1]	Avg. daily utilisation of treated faecal sludge / septage (In KLD) [2] (Avg. of last 3 months)	Status
38	Cuttack (MC)	60	35	16.2	O&M by the ULB
39	Daspalla (NAC)	10	5	3.2	O&M by the ULB
40	Debagarh (M)	10	6	1.5	O&M by the ULB
41	Dhamnagar (NAC)	10	7	1.4	O&M by the ULB
42	Dharmagarh (NAC)	10	5	2.4	O&M by the ULB
43	Dhenkanal (M)	57	19	10.83	O&M by the ULB
44	Digapahandi (NAC)	10	4	1.3	O&M by the ULB
45	G. Udayagiri (NAC)	10	3	2.2	O&M by the ULB
46	Ganjam (NAC)	10	3	1.5	O&M by the ULB
47	Gopalpur (NAC)	10	2	2.1	O&M by the ULB
48	Gudari (NAC)	10	2	0	O&M by the ULB
49	Gunupur (NAC)	10	7	2.4	O&M by the ULB
50	Hindol (NAC)	10	5	1	O&M by the ULB
51	Hinjilicut (M)	10	7	3.5	O&M by the ULB
52	Jagatsinghapur (M)	20	10	8.6	O&M by the ULB
53	Jajpur (M)	20	11	3.4	O&M by the ULB
54	Jaleshwar (M)	10	7	0.6	O&M by the ULB
55	Jaleri (M)	20	16	15.2	O&M by the ULB
56	Jeypore (M)	40	24	1.6	O&M by the ULB
57	Jharsuguda (M)	40	28	4.8	O&M by the ULB
58	Joda (M)	20	13	16.6	O&M by the ULB
59	Junagarh (NAC)	10	6	2.1	O&M by the ULB
60	Kabisuryanagar (NAC)	10	5	0	O&M by the ULB
61	Kamakshyanagar (NAC)	10	5	2.2	O&M by the ULB
62	Kantabanji (NAC)	10	6	0.1	O&M by the ULB
63	Karanjia (NAC)	10	7	5.9	O&M by the ULB
64	Kashinagar (NAC)	10	3	0.1	O&M by the ULB
65	Kendrapara (M)	20	14	1.4	O&M by the ULB
66	Keonjhar (M)	30	17	16.5	O&M by the ULB
67	Kesinga (NAC)	10	6	1.6	O&M by the ULB
68	Khalikote (NAC)	10	4	0.2	O&M by the ULB
69	Khandapada (NAC)	10	3	0.8	O&M by the ULB
70	Khariar (NAC)	10	4	1.5	O&M by the ULB
71	Khariar Road (NAC)	10	5	0.6	O&M by the ULB
72	Khordha (M)	20	13	3.6	O&M by the ULB
73	Kodala (NAC)	10	4	1.4	O&M by the ULB
74	Konark (NAC)	10	5	2.6	O&M by the ULB

STATUS OF IMPLEMENTATION OF SEPTAGE PROJECTS
[As on 30th November 2025]

Sl. No	Name of the ULB	Installed Treatment capacities of existing FSTPs (In KLD)	Estimated generation of faecal sludge / septage (In KLD) [1]	Avg. daily utilisation of treated faecal sludge / septage (In KLD) [2] (Avg. of last 3 months)	Status
75	Koraput (M)	20	14	0	O&M by the ULB
76	Kotpad (NAC)	10	5	0.2	O&M by the ULB
77	Kuchinda (NAC)	10	4	3.6	O&M by the ULB
78	Malkangiri (M)	20	9	2.2	O&M by the ULB
79	Nabarangapur (M)	20	9	0	O&M by the ULB
80	Nayagarh (NAC)	10	5	2	O&M by the ULB
81	Nilgiri (NAC)	10	5	2.4	O&M by the ULB
82	Nimapada (NAC)	10	6	2.4	O&M by the ULB
83	Nuapada (NAC)	10	5	2.5	O&M by the ULB
84	Odagaon (NAC)	10	3	4.2	O&M by the ULB
85	Padampur (NAC)	10	5	2.2	O&M by the ULB
86	Paradip (M)	20	20	12.8	O&M by the ULB
87	Paralakhemundi (M)	20	13	2.8	O&M by the ULB
88	Patnagarh (NAC)	10	6	0.5	O&M by the ULB
89	Pattamundai (M)	10	11	0.3	O&M by the ULB
90	Phulbani (M)	20	11	6.4	O&M by the ULB
91	Pipli (NAC)	10	5	6.5	O&M by the ULB
92	Polasara (NAC)	10	7	1.8	O&M by the ULB
93	Puri (M)	50	58	32	O&M by the WATCO
94	Purusottampur (NAC)	10	4	1.2	O&M by the ULB
95	Rairangpur (M)	10	7	5.6	O&M by the ULB
96	Rajagangapur (M)	20	15	2.2	O&M by the ULB
97	Rambha (NAC)	10	3	0.5	O&M by the ULB
98	Ranpur (NAC)	10	4	0.6	O&M by the ULB
99	Rayagada (M)	30	21	3.9	O&M by the ULB
100	Redhakhol (NAC)	10	4	1.5	O&M by the ULB
101	Remuna (NAC)	20	10	0	O&M by the ULB
102	Rourkela (MC)	40	18	38	O&M by the ULB
103	Sambalpur (MC)	60	19	16.2	O&M by the ULB
104	Sonepur (M)	10	6	2.2	O&M by the ULB
105	Soreda (NAC)	10	4	1.2	O&M by the ULB
106	Soro (M)	10	9	1.9	O&M by the ULB
107	Sunabeda (M)	20	15	0.8	O&M by the ULB
108	Sundergarh (M)	20	13	1.6	O&M by the ULB
109	Talcher (M)	20	12	4.2	O&M by the ULB
110	Tarbha (NAC)	10	2	0.9	O&M by the ULB
111	Titlagarh (M)	10	9	0.5	O&M by the ULB

STATUS OF IMPLEMENTATION OF SEPTAGE PROJECTS
[As on 30th November 2025]

Sl. No.	Name of the ULB	Installed Treatment capacities of existing FSTPs (In KLD)	Estimated generation of faecal sludge / septage (In KLD) [1]	Avg. daily utilisation of treated faecal sludge / septage (In KLD) [2] (Avg. of last 3 months)	Status
112	Tusura (NAC)	10	3	0 9	O&M by the ULB
113	Udala (NAC)	10	4	1 1	O&M by the ULB
114	Umerkote (M)	10	8	0 9	O&M by the ULB
115	Vyasanagar (M)	30	14	13 5	O&M by the ULB
	Total	2087	1264	608.45	

Note

[1] Estimated generation of the FS calculated as per 2025projected calculation
Estimated FS/Septage = [(Design Population (2025) x 0 21 litres)/1000]

[2] Last 3 months average daily utilization calculed based on the sludge disposed at the FSTP from the period no/ July-25 to September-25

OFFICE OF THE MANAGING DIRECTOR, WATCO

Telefax: - +91-674-2571444, E-mail – mdwatcoodisha@gmail.com

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No. 10629 /Date. 19/09/2026

From

Er. Debabrata Mohanty, OES
Managing Director, WATCO

To

The Director, Environment-cum-Special Secretary to Govt.,
Forest, Environment & Climate Change Department,
Odisha, Bhubaneswar.(Email: env1992@gmail.com)

Sub: Furnishing progress report for the month of August'2026 in connection with compliances to various orders & directions passed by the Hon'ble NGT in OA No.673/2018, OA No.606/2018 & OA No.593/2017.

Ref:- Letter No.16246/HUD dt.13.9.2021 of F & E Department.

Sir,

With reference to the above cited subject, the progress report in connection with compliances to various orders & directions passed by the Hon'ble NGT in OA No.673/2018, OA No.606/2018 & OA No.593/2017 for the month of August'2026 are furnished herewith for information & necessary action.

Encl: As above.

Yours faithfully,

19/9/26

Managing Director, WATCO.

Memo No. 10630 / Dated. 19/09/2026

Copy along with copy of enclosures submitted to the Special Secretary to Govt., H&UD Department, Odisha (Sanitation Section) / Member Secretary, State Pollution Control Board, Bhubaneswar for kind information & necessary action.

19/9/26

Managing Director, WATCO

Memo No. 10,631 Dt: 19/09/2026

Copy along with copy of enclosures submitted to the Engineer-in-Chief, OWSSB, Unnati Bhawan, Bhubaneswar for kind information & necessary action.

19/9/26

Managing Director, WATCO.

National Mission for Clean Ganga

Monthly Progress Report for the month of August, 2026 for the State of Odisha

[Format for submission of monthly progress report in compliance with the order dated 06.12.2019 in OA No. 673 of 2018 before the Hon'ble NGT]

Overall status of the State:

I. Total Population : Urban Population & Rural Population separately

As per census 2011,

Total population of Odisha is : 4,19,74,218
Urban population is : 70,03,656
Rural population is : 3,49,70,562

II. Estimated Sewage Generation (MLD):

Sewage generation in the State :

Based on the total water supply to 115 ULBs of the state which is approximately 1100 MLD, wastewater generation has been calculated as (i) 80% of the water supply in sewer cities, (ii) 65% grey water in non-sewer towns, (iii) 0.21 lpcd of black water in non-sewer towns which comes around 780 MLD.

However, considering that 41% of the population is concentrated around five large cities, Odisha has gone for underground sewer systems for only five large cities (Bhubaneswar, Cuttack, Sambalpur, Rourkela, Puri) and another town, Talcher.

Total Wastewater generation from these fives ULBs is 333.4 MLD for the last year 2025. [1. Bhubaneswar Municipal Corporation (122.04 MLD), 2. Cuttack Municipal Corporation (88.57 MLD), 3. Sambalpur Municipal Corporation (48.73 MLD), 4. Rourkela Municipal Corporation (44.95 MLD), 5. Puri(M) (29.11 MLD) .

III. Details of Sewage Treatment Plant

- **Existing No. of STPs and Treatment Capacity (in MLD)** : 12 STPs: 373.50 MLD
- **STP under construction** : Nil
- **Total number of** STPs and Treatment Capacity (in MLD) : 12 STPs : 373.50 MLD
- **Capacity Utilization of Existing STPs:** 188.2 MLD
- **Sewage being treated through alternative technology:** [Faecal Sludge Treatment Plant]
- **Existing number of FSTPs and Treatment Capacity:** To be provided by OWSSB.
- **Gap in Treatment Capacity in MLD:**

Total quantity of sewage generation in the Last year 2025 from Bhubaneswar, Cuttack, Sambalpur, Rourkela, Puri is 333.40 MLD. Sewage treatment facility at various stages of operationalization for these five ULBs areas = 12 Nos. of STPs with total installed capacity : 373.50 MLD.

For the rest of 109 ULBs, the State has embarked on decentralized non sewered approach for treating black water and greywater separately. The approach has been divided into two phases. First phase focused on achieving completing black water security through Faecal sludge & Septage Management. Next phase is focusing on treatment of greywater by pilot intervention in two ULBs at Jatni and Dhenkanal. Based on the learning from the pilot projects, the greywater management will be scaled up in all 110 ULBs, except Puri, Bhubaneswar, Cuttack, Sambalpur & Rourkela where STP construction either completed or under progress.

- No. of Operational STPs : 12 STPs
- No. of Complying STPs : 12 STPs
- No. of non-complying STPs : Nil
- No. of under construction STP : Nil

Details of each existing STP in the State

Sl. No.	No. of STPs	Location	Existing STP Capacity (in MLD)	Capacity Being Utilized (In MLD)	Operational Status of STP	Compliance Status of STP
1		Bhubaneswar				
	1	Meherpali	56	16.8	O&M by WATCO	Operational since Dec.2020
	1	Basuaghai	28	13.2		-do-
	1	Kochilaput	43.50	18.3		-do-
	1	Paikarapur	8	6.1		-do-
	1	Rokat	48	26.64	JICA	Commissioned on 31.12.2022
2		Cuttack				
	1	Matgajpur (Stabilisation pond)	33	0	-	
	1	CDA	36	28.42	O&M by OISIP, JICA, Cuttack	Running smoothly
	1	Matagajpur (ASP)	16	14.64	-do-	-do-
3		Puri				
	1	Mangalaghat	15	15	O&M by WATCO	Running smoothly
	1	Bankimuhan,	10	10		
4	1	Rourkela	40	17.1	Partly commissioned since Feb-2021 (O&M by WATCO from June-2022)	-do-
5	1	Sambalpur	40	22	WATCO from 21.3.2023	Interception & Diversion (I&D) of Dhobijore Nallah
Total	**12**		**373.50**	**188.2**		

Details of partly commissioned/ under construction STPs in the State

Sl. No.	No. of STPs	Location	Capacity of the plant in MLD	Physical Progress in %	Status of I&D or House sewer connections (in nos)	Completion Timeline
1	5	Bhubaneswar				
		Rokat	48	Commissioned on 31.12.2022	22739	Network: Completed, House sewer connection:by June 2027
		Meherpalli	56	Commissioned 01.08.2021	16777	Network: Completed, House sewer connection:by June 2027
		Basuaghai	28		10706	Network: Completed, House sewer connection:by June 2027
		Kochilaput	43.5		1759	Network: Completed, House sewer connection:by June 2027
		Paikarapur	8		782	Network: Completed, House sewer connection:by June 2027
2		Cuttack				
	1	Matgajpur (ASP)	16	Commissioned since 01.03.2022	45980	Network: Completed, House sewer connection:by June 2027
	1	CDA	36	Commissioned since 27.11.2019		
3	1	Sambalpur	40	STP is commissioned during Dec.2022 and treating around 25 MLD of wastewater from Dhobijore Nallah	2707	Network: Completed, House sewer connection:by June 2027
4	1	Rourkela	40	Commissioned since Feb. 2021	2768	Network: Completed, House sewer connection:by June 2027:

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
Nil				

Since laying of sewer networks involves huge capital and O&M costs and public inconvenience steps are being taken to cover all cities and towns in the State by setting up sewage treatment plants to manage the fecal wastewater to reduce environmental pollution. In this process, all 115 ULBs of Odisha will be covered, out of which 110 nos. SeTP constructed in 108 ULBs and 9 nos. is under progress which will cover rest 7 nos. ULBs.

IV Details of Industrial Pollution: Not relates to WATCO

- No. of industries in the State: N/A
- No. of water polluting industries in the State: N/A
- Quantity of effluent generated from the industries in MLD: N/A
- Quantity of Hazardous Sludge generated from the Industries in TPD: N/A Number of industrial units having ETPs: N/A
- Number of industrial units connected to CETP: N/A
- Number and total capacity of ETPs (details of existing/ under construction / proposed) : N/A
- Compliance status of the ETPs: N/A
- Number and total capacity of CETPs (details of existing/ under construction / proposed) : N/A
- Status of compliance and operation of the CETPs: N/A

Town	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (existing, under construction & proposed)
Not relates to WATCO				

V. Solid Waste Management: Not relates to WATCO

- Total number of Urban Local Bodies and their Population: N/A
- Current Municipal Solid Waste Generation: N/A
- Number, installed capacity, and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio methanation, MRF etc.: N/A
- Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%). : N/A
- No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction) : N/A
- Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source : N/A
- Details of MSW treatment facilities proposed and under construction (no., capacity, and technology) : N/A
- No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills. :N/A
- No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers :N/A
- No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers : N/A

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
N/A					

VI Bio-medical Waste Management: Not relates to WATCO

- Total Bio-medical generation: Nil
- No. of Hospitals and Health Care Facilities: Nil
- Status of Treatment Facility/ CBMWTF: Nil

VII Hazardous Waste Management: Not relates to WATCO

- Total Hazardous Waste generation : N/A
- No. of Industries generating Hazardous waste : N/A
- Treatment Capacity of all TSDFs : N/A
- Avg. Quantity of Hazardous waste reaching the TSDFs and Treated : N/A
- Details of on-going or proposed TSDF : N/A

VIII Plastic Waste Management: Not relates to WATCO

- Total Plastic Waste generation : N/A
- Treatment/ Measures adopted for reduction or management of plastic waste: N/A

IX. Details of Alternate Treatment Technology being adopted by the State/UT : Nil

X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment: N/A

XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT:N/A

XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT:N/A

XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river; N/A

XIV. Ground water regulation:N/A

XV. Good irrigation practices being adopted by the State:N/A

XVI. Rain Water Harvesting:N/A

XVII. Demarcation of Floodplain and removal of illegal encroachments: N/A

XVIII. Maintaining minimum e-flow of river:N/A

XIX. Plantation activities along the rivers:N/A

XX. Development of biodiversity park:N/A

XXI. Reuse of Treated Water: Nil

XXII. Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:N/A

XXIII. Status of Preparation of Action Plan by the 13 Coastal States:N/A

XXIV. Regulation of Mining Activities in the State/UT: N/A

XXV. Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring : N/A

INFORMATION ON STATUS OF STPs (OPERATIONAL & UNDER CONSTRUCTION)

As on AUGUST 2026

Sl.	City/ Town	No. of STP	Location of each STP	Coordinates of STP (Latitude & Longitude)	STP Commissioned in (Year)/ To be commissioned	Status (Operational/ Non-operational/ Under Construction	STP Installed Capacity (in MLD)	Technology (UASB/ ASP/OP/ SBR/MBR/ FAB Etc)
1	2	3	4	5	6	7	8	9
1	Bhubaneswar	1	Rokat	20.33° 85.84°	Commissioned on 31.12.2022	Operational	48	ASP
		1	Meherpalli	20.26° 85.86°	commissioned during Dec.-2020	Operational	56	SBR
		1	Basuaghai	20.233° 85.85°	commissioned during Dec.-2020	Operational	28	SBR
		1	Kochilaput	20.21° 85.80°	commissioned during Dec.-2020	Operational	43.5	SBR
		1	Paikarapur	20.26° 85.75°	commissioned during Dec.-2020	Operational	8	SBR
2	Cuttack	1	Matgajpur	20.43° 85.93°	Commissioned since 01.03.2022	Operational	16	ASP
		1	CDA	20.46° 85.85°	commissioned during Dec.-2018	Operational	36	ASP
		1	Matgajpur	20.43° 85.93°	commissioned during June-2006	Operational	33	Waste Stabilization Pond
3	Puri	1	Mangalaghat	19.81° 85.79°	commissioned during June-2013	Operational	15	Aerated Lagoon
		1	Bankimuhan	19.79° 85.83°	commissioned during Feb.,1995	Operational	10	Waste Stabilization Pond
4	Sambalpur	1	Dhanupalli	21.43° 83.98°	Commissioned	Operational	40	SBR
5	Rourkela	1	Balughat	22.21° 84.80°	commissioned during Feb.-2021	Operational	40	SBR
	Total capacity	**12**					**373.50**	

Format for State-wise review of compliance to Hon'ble NGT Directions in OA No. 606/2018 on Control of River Pollution

(As on AUGUST 2026)

1.	Name of State / UT ODISHA – P-I (1), P-II (3) P-V(3) – Total -7			Odisha
2.	No. of identified polluted river stretches , P-I to P-V (Related to ULBs of Puri, Bhubaneswar, Cuttack, Rourkela, Sambalpur)			i) Gangua Nallah along Bhubaneswar - P-I, ii) Daya along Narankheta to Kanasa –P-IV iii) Kuakhai along Bhubaneswar –P-IV iv) Mangala along Golasahi - P-IV v) Kathajodi along Cuttack- P-V vi) Serua along Sankhatrasa - P-V vii) Brahmani along Rourkela - P-V
3.	Water Quality			Information not available with OWSSB
A.	Polluted River Stretch (Range in year 2019)			
	BOD (mg/l)	Min.		Information not available with WATCO
		Max.		
	Feacal coliform (MPN/ 100 ml)	Min.		
		Max.		
	In absence of FC, TC may be given			
B.	Has the State identified all pollution contributing drains			Information not available with WATCO
4.	Action plan addressing the gaps			
A.	Gap assessment in sewage treatment completed			Gap in sewage treatment to be completed in a) Bhubaneswar : Rokat –June-2027, Meherapalli, Basuaghai ,Paikerapur & Kochillaput - June-2027, b) Cuttack Matagajpur(ASP) & CDA : During June-2027. c) Sambalpur- During October - 2027 d) Rourkela - During October - 2027
B.	Gap assessment for industrial pollution completed			Not related to WATCO
C.	Solid waste management Addressed			Not related to WATCO
D.	Other wastes			Not related to WATCO
5.	Measures taken for			
A.	Control of Illegal Ground Water Abstraction			Not related to WATCO
B.	River catchment/ Basin Management			
C.	Flood Plain Zone Protection			
D.	E Flow maintenance & watershed management			
E.	Ground water recharge/ rain- water harvesting			
F.	Setting up of Biodiversity Parks, Greenery / Plantation along the banks of rivers stretch			
G.	Removal of encroachments			
6.	Progress in line with target dates of March 2021			

Table 1: Detail of drains contributing to pollution in polluted river stretch

River Stretch :			Priority :	
Drain	Type Domestic/ Industrial / Mixed	Quantity (MLD)	BOD (mg/l)	FC (MPN/100ml)
1	Not related to WATCO			
2				
3				

In absence of FC, TC may be given

Table 2 : Detail for sewage management (in MLD)

Generated		Processed/ Treated	Gap
Bhubaneswar	122.04	81.04	41
Cuttack	88.57	43.06	45.51
Sambalpur	48.73	22	26.73
Rourkela	44.95	17.1	27.85
Puri	29.11	25	4.11
Total	**333.4**	**188.2**	**145.2**

Table 3 : Detail for Industrial effluent management (in MLD)

Generated	Processed/ Treated	Gap
Not related to WATCO		

Table4 : Detail for MSW (in TPD)

Generated	Processed/ Treated	Gap
Not related to WATCO		

Table5 : Detail for other wastes (in TPD)

Type of Waste	Generated	Processed/ Treated	Gap
BMW	Not related to WATCO		
HW			
Plastic Waste			
E Waste			
C &D waste			

Sl. No.		Issue	Remarks	
1	a	Quantity of Sewage generated in the State (In MLD)	Bhubaneswar	122.04
			Cuttack	88.57
			Sambalpur	48.73
			Rourkela	44.95
			Puri	29.11
			Total	**333.40**
2	a	Quantity of Sewage treated in the State(In MLD)	Bhubaneswar	81.04
			Cuttack	43.06
			Sambalpur	22
			Puri	25
			Rourkela	17.10
			Total	**188.20**
3	a	Existing Coverage of Sewerage network (In Km)	Bhubaneswar	**1388.052** (**444** km old + **672.022** existing + **135.03** left out areas + **137.00** slum area km new)
			Cuttack	**428.05** (68.20 old + 359.85 new)
			Sambalpur	**97.90**
			Rourkela	**173.06**
			Puri	**128.00**
			Total	**2215.062 km**
4	a	Has Sewage generation (town/ City wise) been estimated for present and future population ? Please provide details of the same	No	
5	a	Has adequate treatment capacity been developed for treatment of sewage?	No	
	b	If not, then what is present percentage of sewage being treated ?	**56.44 % 188.2 MLD/333.4 MLD**	
	c	If not, please provide the timeframe by which all sewage generated in the State shall be treated	Bhubaneswar : Rokat –June-2027, Meherapalli, Basuaghai ,Paikerapur & Kochillaput - June-2027, b) Cuttack Matagajpur(ASP) & CDA : During June-2027. c) Sambalpur- During October - 2027 d) Rourkela - During October - 2027	
6	a	Please provide details of STPs (town / city wise) along with details on compliance status and treatment capacity	Enclosed separately	

Sl. No.		Issue	Remarks
7	a	Is entire sewage generated from each town being linked with sewerage network in the state ?	No
	b	If not, then what is the present current percentage of sewage being collected through the existing sewerage network ?	Odisha is having only one full-fledged sewerage system at Puri where 100% of sewage is collected through the sewerage network.
	c	If not, then please provide the timeframe by which all sewage generated in the State shall be collected through sewerage network	During june-2027 in respect of 5 ULBs i.e. Puri, Bhubaneswar, Cuttack, Rourkela and Sambalpur
8	a	Have all drains carrying waste water in each town/ city been identified	Yes
	b	Provide details on the pollution load due to these drains	Information is under collection
	c	Has in-situ treatment of wastewater being carried out in all such drains for reduction of pollution load?	No
	d	If not, then please indicate the number of drains in which in-situ treatment of wastewater has commenced.	Nil
	e	If not, then please provide the timeframe within which in –situ treatment if wastewater shall be carried out in all such drains for reduction of pollution load.	At present proven technology is not available for in-site treatment of wastewater in drains. Odisha is working with different organisations to develop viable technology for treatment of wastewater in drains.
9	a	Have all bulk users for reuse of wastewater been identified?	Yes
	b	Is all treated wastewater from the STPs being reused for different purposes?	A part of the wastewater from STP at Cuttack ,Bhubaneswar, Rourkela, sambalpur is reused for plants & lawns developed both inside & outside the plant.
	c	If not, then what is current percentage of wastewater being reused? .+00000	5% of wastewater is being reused
	d	If not, then please provide the timeframe within which all treated wastewater from STP shall be reused for different purposes.	i) STP at Puri is located outside the City area where there is no potential for utilization of treated wastewater since there is no industry nearby to utilize the treated wastewater. The agricultural lands near the plant do not require water since they receive enough water from canal and other sources. ii) There are no industries nearby to utilize treated wastewater from Cuttack STP. However, effort is being made to utilize the water in the parks and road side plantation in Cuttack Municipal Corporation Area.

5	Has bulk users identified for reuse of treated water such as Industrial Clusters, Metro Rail, India Railways, Infrastructure Projects, Agriculture, Bus Depots and PWD? (Y/N)	Consultation process is underway with respective ULBs, local industries, Govt. & Pvt. Institutions for identifying the bulk users of water & the quantity of water demand by these users. After completion of the above process, revised action plan will be submitted for utilization of treated waste water presently generated from the functioning of STPs as well as from future STPs.				
6	Quantity of treated wastewater being used by Bulk User (in MLD)					
	Industrial Clusters		-	-	-	-
	Metro Rail		-	-	-	-
	Indian Railways		-	-	-	-
	Infrastructure Projects		-	-	-	-
	Agriculture		-	-	-	-
	Other (If any specify)		-	-	-	-
	PWD		-	-	-	-
7	No. of water Aquatic sources (Lakes, ponds etc.) being developed through treated waste water.		-	-	-	-

Government of Odisha
Housing & Urban Development Department
3rd floor, Kharavel Bhavan, Unit-V, Bhubaneswar, PIN: 751001
* * * * *

NOTIFICATION
Bhubaneswar, Dated the 31st March 2026

File No.HUD-DIR-POLICY-0007-2025 No. 9800 /HUD., The Government of Odisha has been pleased to notify **"Reuse of treated used water of Urban Odisha, 2026"** with the objective to reinforce Odisha's broader development philosophy anchored in sustainability, inclusion, and resilience. Reuse of treated water will reduce stress on freshwater sources, protect rivers and groundwater, support industrial and peri-urban agriculture, and lower the environmental footprint of urban growth. This shall come into force from the date of its publication in the Official Gazette.

By order of Governor

31/3/2026
(Usha Padhee)
Additional Chief Secretary to Government

Memo No. 9801 /HUD., Date 31.03.2026

Copy forwarded to the Gazette Cell, Odisha Secretariat, Commerce Department, Bhubaneswar for information and necessary action.

They are requested to publish this notification in the next extra ordinary issue of the Odisha Gazette and supply 50 spare copies to this Department. The Notification is statutory and will bear SRO number and date.

31/03/26
Additional Secretary to Government

Memo No. 9802 /HUD., Date 31.03.2026

Copy forwarded to the OSD to Chief Secretary, Odisha / PS to the Development Commissioner & ACS / PS to ACS to Govt. F & E Deptt./ PS to Principal Secretary to Govt., Water Resource Development / PS to Principal Secretary to Govt., Finance Deptt/ PS to ACS to Govt. H &U D Deptt/ PS to Director, Municipal Administration, H & UD Department for information and necessary action.

31/03/26
Additional Secretary to Government

Memo No. 9803 /HUD., Date 31.03.2026

Copy forwarded to PS to the Member Secretary, OSPCB/ the EIC, Odisha Water Supply & Sewerage Board/ the MD, WATCO, /PS to Secretary, OSHB/ PS to Vice Chairman, BDA, Bhubaneswar for information and necessary action.

31/03/26

Additional Secretary to Government

Memo No. 9804 /HUD., Date 31.03.2026

Copy forwarded to Commissioner of all Municipal Corporations / all Collectors / all PD, DUDAs/ Executive Officer of Municipalities & NACs for information.

31/03/26

Additional Secretary to Government

Memo No. 9805 /HUD., Date 31.03.2026

Copy forwarded to all Sections of this Department for information.

31/03/26

Additional Secretary to Government

694 27/7/2020

Orissa Water Supply & Sewerage Board

(A Govt. of Odisha Undertaking)
Satyanagar, Bhubaneswar–751007 Phone: (0674)2570086/2571185
Email msowssb@gmail.com/ ceowssb@gmail.com Fax:2571348

No. 3297(44) /dt. 22.07.2020
W-18/2015 (2)

FS(URP)
N. Mallick 22/7

To
The Member Secretary,
State Pollution Control Board,
Odisha, Bhubaneswar.

Sub: Compliance of ordr dtd. 22.06.2020 passed by the Hon'ble NGT in O.A. No. 673/2018 at least one polluted river stretch in each category is restored.

Ref: Letter No.12491 dated 14.07.2019 of H&UD Deptt, Odisha

Sir,

In inviting a reference to the above, the detail compliance of the order dtd. 22.06.2020 passed by the Hon'ble NGT in O.A. No. 673/2018 at least one polluted river stretch in each category is restored is furnished herewith for information and necessary action.

Yours faithfully,
Member Secretary. 21/07/20

Encl: As above.

Memo No. 3298 /OWSSB Date. 22.07.2020

Copy with copy of enclosure submitted to the Additional Secretary to Government & Addl. Mission Director, SBM(U), Housing & Urban Development Department, Odisha, Bhubaneswar for kind information and necessary action with reference to letter no. 12491 dt. 14.07.2020 of H&UD Department.

Encl: As above.

Member Secretary 21/7/20

Memo No. 3299 /OWSSB Date. 22.07.2020

Copy forwarded to the EIC, OISIP, JICA, Cuttack for information and necessary action with reference to the letter No. 12491 dated 14.07.2020 of H&UD Department.

Member Secretary 21/7/20

Memo No. 3300 /OWSSB Date. 22.07.2020

Copy forwarded the Project Director, PMC, OWSSB, Cuttack for information and necessary action.

Member Secretary 21/7/20

Annexure-14

Action Taken Report for Restoration of Kathajodi river along Cuttack City

1. Wastewater generation in Cuttack City: 88.57 MLD
2. Wastewater Treatment capacity: (As on August,2026)

No.	Location	Existing STP Capacity	Capacity Being Utilized	Operational Status of STP	Compliance Status of STP
	Cuttack				
1	CDA-Bidanasi area	36 MLD	28.42 MLD	O & M by OISIP, JICA, Cuttack	Network: Completed House Sewer connection- June, 2027
2	Mattagajpur	33 MLD	0	O & M by WATCO	STP is under shut down as drainage work is going on JICA project
3.	Mattagajpur	16 MLD	14.64 MLD	House sewer connection is under progress.	Network: Completed House Sewer connection-June, 2027
	Total	**85 MLD**	**43.06 MLD**	-	-

The annual average data of Treated wastewater quality of 36 MLD STP at CDA-Bidanasi area being discharged to Kathajodi river through Peta nallah during the year-2022, 2023, 2024, 2025 (March-December) & 2026 (January-August) are as follows:

Year	Annual average and Range of values for various Parameters							
	pH	BOD, mg/L	COD, mg/L	TSS, mg/L	NH_3-N, mg/L	PO^{3-}_4 – P (total),mg/L	TC	FC
							MPN/100ml	
2022 (Jan- Dec)	7.1 (6.6-7.4)	3.7 (1.5-7.9)	19.2 12.0-34.0)	13.9 (10.0-41.0)	3.41 (0.56-9.52)	0.867 (0.173- 2.11)	26709.6 (<1.8- 160000)	13389.9 (<1.8- 160000)
2023 (Jan- Dec)	7.3 (6.9-7.5)	3.6 (2.5-4.3)	23.2 (15.0-37.0)	10.8 (<10.0-12.0)	4.8 (1.68- 14.0)	0.7 (0.126-1.678)	13495.1 (<1.8- >160000)	2084.6 (<1.8- 24000)
2024 (Jan- Dec)	7.4 (7.1-7.8)	3.8 (3.3-4.9)	20.1 (15.0-18.0)	12.25 (<10.0-16.0)	3.22 (1.2-7.28)	0.579 (0.118-1.257)	4549.2 (<1.8- 54000)	1441.1 (<1.8- 17000)
2025 (Jan- Dec)	7.3 (7.1-7.5)	4.4 (3.2-7.3)	26.0 (12.0-39.0)	16.0 (<10.0-34.0)	3.55 (1.12-8.4)	1.289 (0.678-2.495)	<1.8 (<1.8- <1.8)	<1.8 (<1.8- <1.8)
During 2026								
January, 2026	7.3	7.3	38.0	23.0	15.68	6.455	<1.8	<1.8
February, 2026	7.4	4.3	32.0	15.0	13.44	4.01	<1.8	<1.8
March, 2026	7.5	4.0	24.0	40.0	9.52	4.128	<1.8	<1.8
April, 2026	7.3	4.2	27.0	18.0	9.52	4.064	2400	490
May, 2026	7.2	3.8	27.0	16.0	10.08	3.133	<1.8	<1.8
June, 2026	7.2	3.8	27.0	14.0	2.24	3.617	<1.8	<1.8
July, 2026	7.4	4.2	40.0	19.0	3.92	1.001	<1.8	<1.8
August,2026	7.3	20.0	59.0	22.0	5.04	8.742	<1.8	<1.8
Overall status: Conforming to discharge limit								
Effluent Discharge limit for STP *	6.5-9.0	30	-	< 100	-	-	-	< 1000

*** G.S.R. 1265 (E) Dt. 13.10.2017**

The 16 MLD STP at Mattagajpur started functioning from March, 2022. The annual average data of Treated wastewater quality of this STP being discharged to Kathajodi river through a drain during 2022 (March-December) and 2023, 2024, 2025 (Jan-Dec) & 2026 (January- August) are as follows:

Year	Annual average data of various Parameters							
	pH	BOD, mg/L	COD, mg/L	TSS, mg/L	NH_3-N, mg/L	PO^{3-}_4 - P (total),mg/L	TC	FC
							MPN/100ml	
2022 (March- December)	7.22 (6.9-7.5)	4.02 (3.5-4.9)	15.57 (12.0-22.0)	10.67 (10.0-13.0)	2.15 (0.56- 4.48)	0.25 (0.11- 0.462)	933 (<1.8-4900)	195 (<1.8- 680)
2023 (January- December)	7.5 (7.1-7.8)	3.9 (1.9-7.5)	26.0 (14.0- 46.0)	12.2 (<10.0- 20.0)	3.6 (0.56-7.28)	0.3 (0.069-0.476)	88.5 (<1.8- 430)	41.8 (<1.8- 170)
2024 (January- December)	7.5 (7.2-8.2)	4.4 (3.6-6.6)	23.7 (15.0- 40.0)	15.4 (11.0- 26.0)	4.2 (1.68- 6.72)	0.371 (0.054- 0.745)	468.8 (<1.8- 5400)	72.7 (<1.8- 790)
2025 (January- December)	7.3 (7.2-7.7)	4.5 (3.4-8.0)	24.0 (16.0-45)	13.0 (<10.0-16)	4.76 (2.8-8.96)	1.02 (0.48-2.28)	216 (<1.8-2400)	119 (<1.8-1300)
During 2026								
January, 2026	7.3	5.3	23.0	15.0	10.64	2.995	<1.8	<1.8
February, 2026	7.5	4.7	20.0	17.0	11.0	3.579	<1.8	<1.8
March, 2026	7.3	4.3	31.0	16.0	11.76	4.059	<1.8	<1.8
April, 2026	7.2	3.8	23.0	21.0	8.4	3.495	1700	490
May, 2026	7.3	4.3	31.0	12.0	9.52	4.064	<1.8	<1.8
June, 2026	7.4	4.0	31.0	17.0	4.48	3.807	<1.8	<1.8
July, 2026	7.3	3.2	20.0	15.0	2.8	3.772	<1.8	<1.8
August ,2026	7.4	4.0	20.0	12.0	3.92	3.133	92000	54000
Overall status: Conforming to discharge limit								
Effluent Discharge limit for STP *	6.5-9.0	30	-	< 100	-	-	-	< 1000

*** G.S.R. 1265 (E) Dt. 13.10.2017**

At present there is no wastewater discharge from 33 MLD STP at Mattagajpur to Kathajodi River.

Characteristic of Drains falling on Kathajodi river (August, 2026)

Sl. No.	Station Name	Parameters					
		pH	BOD, mg/l	COD, mg/l	TSS, mg/l	TC	FC
						MPN/100ml	
1	Wastewater discharge to Kathajodi river at Mattagajpur	7.3	90.0	216.0	140.0	160000	160000
2	Wastewater discharge to Kathajodi river at CDA-Bidanasi area	6.8	63.0	118.0	64.0	160000	160000
3	Wastewater discharge to Kathajodi river at Khannagar	7.2	70.0	177.0	109.0	160000	160000

The annual average and range of quality of Wastewater discharged through Khannagar sluice gate to Kathajodi river during 2022, 2023, 2024, 2025 (Jan-Dec) & 2026 (January - August) are as follows -

Year	Annual average data of various Parameters					
	pH	BOD, mg/L	COD, mg/L	TSS, mg/L	TC	FC
					MPN/100ml	
2022 (Jan-Dec)	7.04 (6.0-7.3)	73.06 (48-105)	176.37 (136-236)	90 (35-144)	>160000	>160000
2023 (Jan-Dec)	7.3 (6.8-7.9)	67.7 (43.0-90.0)	144.8 (105.0-180.0)	107.3 (36.0-203.0)	>160000	>160000
2024 (Jan-Dec)	7.1 (6.8-7.6)	73.9 (18.0-113.0)	151.25 (56.0-239.0)	60.25 (24-208)	>160000	>160000
2025 (Jan- Dec)	7.1 (6.8-7.4)	75.7 (43.0-110.0)	182.0 (97.0-272.0)	72.0 (45.0-106.0)	160000	160000
During 2026						
January, 2026	7.2	53.0	109.0	56.0	160000	160000
February, 2026	7.4	63.0	139.0	54.0	160000	160000
March, 2026	7.2	95.0	196.0	51.0	160000	160000
April ,2026	6.9	100.0	229.0	83.0	160000	160000
May, 2026	6.8	75.0	194.0	55.0	160000	160000
June, 2026	6.9	110.0	231.0	79.0	160000	160000
July, 2026	7.1	85.0	158.0	77.0	160000	160000
August,2026	7.2	70.0	177.0	109.0	160000	160000
Standard limit*	**5.5-9.0**	**30**	**250**	**100**	-	-

***General discharge standard of Environmental Pollutants –Schedule-VI (G.S.R. 422(E) dated 19.5.1993)**

After all projected house sewer connections to the 36 MLD STP at CDA-Bidanasi area, the water quality of the wastewater discharge to Kathajodi river through Peta nallah at CDA-Bidanasi area will be significantly improved. The expected timeline for completion of house sewer connections is June, 2027.

Similarly, after completion of all household sewer connections to the 16 MLD STP at Mattagajpur, there will be no discharge of wastewater to the river at Kathajodi river through Khan nagar sluice gate. The expected timeline for completion of house sewer connections is June, 2027.

Besides these, a Septage Treatment Plant of 60 KLD capacity has been commissioned at Mattagajpur and operating since January, 2020.

Water quality of the Kathajodi river and Serua river (which is a distributary of Kathajodi river during August, 2026 is given below.

Polluted River stretch : August , 2026

Name of polluted river stretch	**Name of Monitoring Station**	**pH**	**DO, mg/L**	**BOD, mg/L**	**TC, MPN/ 100 mL**	**FC, MPN/ 100 mL**	**FS, MPN/ 100 mL**	**Water Quality Status (Conforming(C) / Non-Conforming (NC)**
1. Kathajodi River (Cuttack to Urali) (Priority-III)	Cuttack D/s	7.3	7.6	2.3	35000	13000	130	NC
	Cuttack FD/s at Mattagajpur	7.2	6.8	2.5	22000	7900	110	NC
2. Serua River (Khandaeta to Sankhatrasa) (Priority-V)	Cuttack FD/s at Sankhatrasa	7.3	7.9	2.4	24000	7900	79	NC
Bathing Water Quality (MOEF Notification G.S.R. No. 742(E) Dt. 25.09.2000)		6.5-8.5	5.0, min	3.0, max	-	500 (Desirable) 2500 (permissible)	100 (Desirable) 500 (Maximum Permissible)	

Annexure-15

Regulation of mining activities in Odisha

Overview of mining activities in Odisha

In Odisha, 249 major mineral mines of different categories are under the consent administration of State Pollution Control Board. Major mineral mines are under Coal, Iron and Manganese, Chromite, Bauxite, limestone and Dolomite sector. The details of the mines as well as mines having valid consent till 22.10.2020 is given in Table – 1.

Table – 1: Major mines under consent administration of State Pollution Control Board

Sl. No.	Mineral Ore	No. of Mines	Mines having valid consent
1.	Coal	32	29
2.	Iron & Manganese	164	70
3.	Chromite	21	13
4.	Bauxite	07	06
5	Limestone and Dolomite	25	09
Total		**249**	**127**

There are also 1481 nos. of other mines which are mostly Graphite, Quartzite, Pyrophyllite, Fireclay, Soapstone, China-clay, Gemstone, Mineral sand, Stone quarry and Sand mines etc. The major mineral mines i.e. Coal, Iron, Manganese, Chromite and Bauxite are mostly concentrated in seven mining clusters of Joda-Barbil-Koira, Talcher-Angul, Ib- Valley, Himagiri block, Sukinda, Sundargarh and Raygada-Koraput area. The distribution of mines in these clusters are presented in Table – 2.

Table – 2: Mines in different cluster of Odisha

Sl. No.	Cluster	Mineral	Nos. of Mines in cluster	Total nos. of mines in the different sector	Percentage of total mines in the cluster
1.	Joda-Barbil – Koira *(Keonjhar and Sundergarh)*	Iron & Manganese	128	164	90%
2.	Talcher *(Angul)*	Coal	15	32	47%
3.	Ib Valley *(Jharsuguda)*	Coal	10		31%
4.	Himagiri block (*Sundargarh*)	Coal	05		16%
5.	Sukinda (*Jajpur*)	Chromite		21	81%
6.	Sundargarh (*Sundargarh*)	Limestone & Dolomite	22	25	88%
7.	Raygada- Koraput *(Rayagada and, Koraput)*	Bauxite	05	07	71%
		Total	**202**	**249**	**81%**

The mines in cluster constitute about 81% of total mines in the respective sectors.

Measures taken for abatement of pollution due to mining activities-

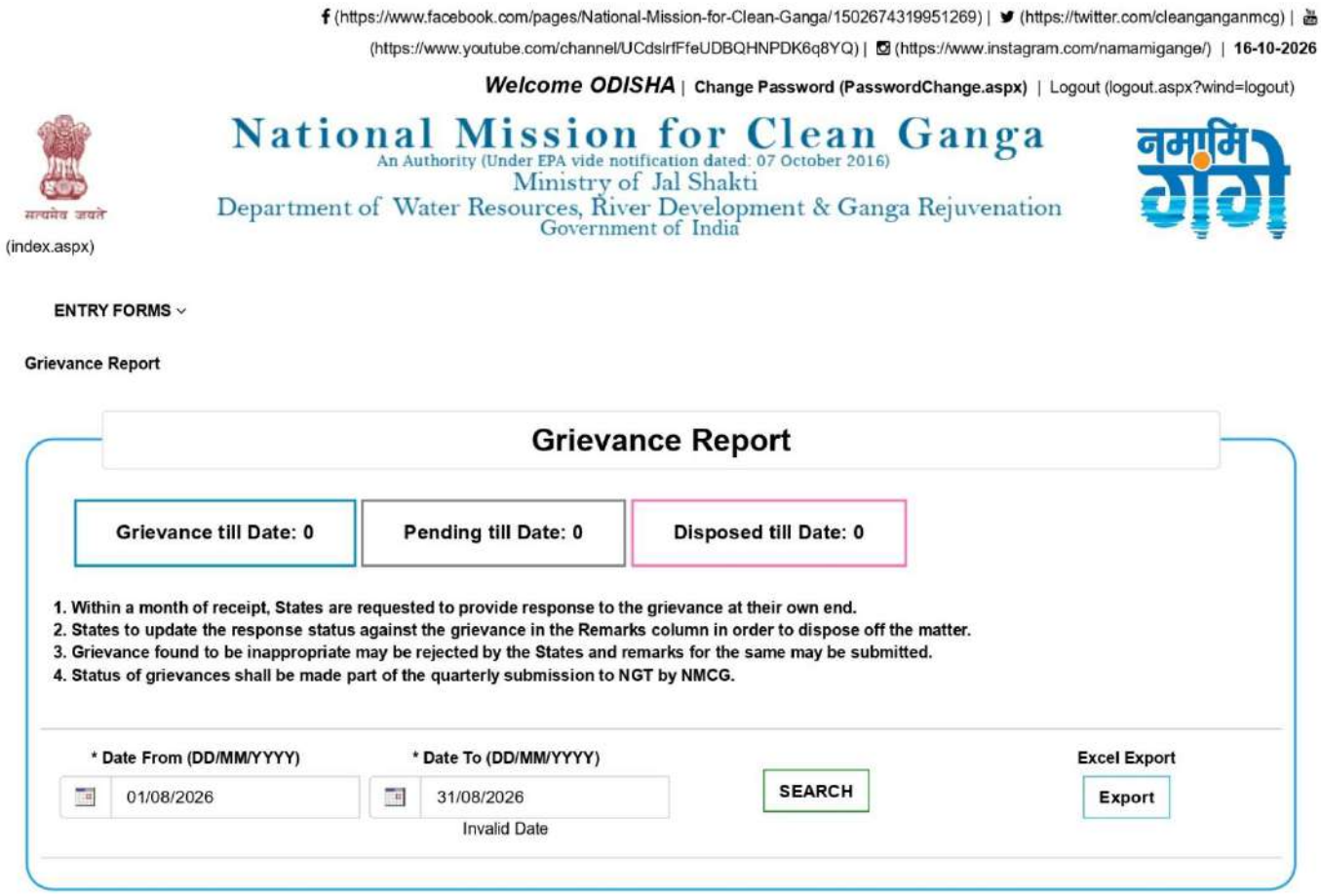
Consent is granted to the mines under the above provisions stipulating conditions related to prevention and control of environmental pollution. Status compliance of the stipulated conditions is periodically verified by the Board officials and appropriate action is taken based on the status compliance of the stipulation. The pollution mitigation measures of individual mines in a specific sector are summarized in Table 3.

Table 3: Pollution Mitigation Measures taken by mines in different Sectors-

Sl. No.	Mines	Water pollution mitigation measures	Air pollution mitigation measures
1.	Coal	• Garland drain and provision of settling pond/ mine sump for surface runoff management • Effluent Treatment Plant for mine drainage water • Sewage Treatment Plant for domestic effluent • Oil and Grease Trap for treatment of workshop effluent • Concurrent back filling of mined out voids using internal burden and followed by biological reclamation	• Deployment of surface miner with inbuilt dust suppression system replacing Blasting and Dumper –Shovel combination method of mining. • Wet drilling and controlled blasting of over burden (OB) to minimize dust generation. • Water sprinkling system at various dust generating sources to control fugitive dust emission. • Black topping and proper maintenance of permanent coal transportation roads to reduce fugitive dust generation. • Avoiding creation of ruts and potholes on haul roads of mine to minimize generation of fugitive dust • Plantation

2.	Iron & Manganese	• Toe wall, garland drain and sedimentation basin for runoff management • check dam and check weirs at strategic location of the mine for runoff management • Stabilization of OB by covering it with geotextile/coir matting and plantation • Sewage Treatment Plant for domestic effluent in large mines having colony/Discharge of domestic effluent to soak pit via septic tank. • Oil and Grease separation system for treatment of workshop effluent	• Wet drilling and controlled blasting to minimize dust generation • Water sprinkling on haul roads and dry-fog system in mineral handling plants for control of fugitive dust • Proper maintenance of haul roads to prevent generation of dust • Disposal of tailings generated from ore beneficiation plant into tailing pond and recirculation of overflow water/discharge after settling of tailings • Plantation
3.	Chromite	• Effluent Treatment Plant for treatment of mine drainage water and surface runoff water • Toe wall and garland drain • Stabilization of OB by coir matting and plantation • Sewage Treatment plant for domestic effluent/or discharge into soak pit via septic tank	• Wet drilling and controlled blasting to minimize dust generation • Water sprinkling on haul roads to minimize dust generation • Plantation
4.	Limestone and Dolomite	• Toe wall and garland drain • Settling pond	• Wet drilling and controlled blasting to reduce dust generation • Water sprinkling on haul roads to prevent dust generation • plantation
5.	Bauxite	• Check dam for surface runoff management • Effluent Treatment Plant for workshop and canteen effluent • Back filling of mined out area using over burden	• Deployment of ripper dozer to minimize dust generation • Water sprinkling on haul roads to control dust emission • Plantation

Annexure-16


(https://www.facebook.com/pages/National-Mission-for-Clean-Ganga/1502674319951269) | (https://twitter.com/cleanganganmcg) |
(https://www.youtube.com/channel/UCdslrfFfeUDBQHNPDK6q8YQ) | (https://www.instagram.com/namamigange/) | 16-10-2026
Welcome ODISHA | Change Password (PasswordChange.aspx) | Logout (logout.aspx?wind=logout)
National Mission for Clean Ganga
An Authority (Under EPA vide notification dated: 07 October 2016)
Ministry of Jal Shakti
Department of Water Resources, River Development & Ganga Rejuvenation
Government of India
(index.aspx)
ENTRY FORMS
Grievance Report
Grievance Report
Grievance till Date: 0
Pending till Date: 0
Disposed till Date: 0
1. Within a month of receipt, States are requested to provide response to the grievance at their own end.
2. States to update the response status against the grievance in the Remarks column in order to dispose off the matter.
3. Grievance found to be inappropriate may be rejected by the States and remarks for the same may be submitted.
4. Status of grievances shall be made part of the quarterly submission to NGT by NMCG.
* Date From (DD/MM/YYYY)
01/08/2026
* Date To (DD/MM/YYYY)
31/08/2026
Invalid Date
SEARCH
Excel Export
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