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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. **18396** / VISC(LEM)Proj-304 (Vol-X) /25-26

Date : **14.10.2025**

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 July-2025 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 July - 2025 in the matter of O.A. 673 of 2018 is enclosed herewith for your kind information and necessary action.

Yours faithfully,

Encl : As above



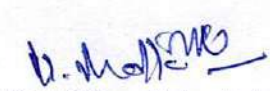
Member Secretary

Memo No. 18397

Dt. 14.10.2025

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. 18398

Dt. 14.10.2025

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)

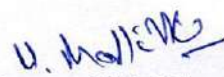
Contd..

Memo No. 18399

Dt. 14.10.2025

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

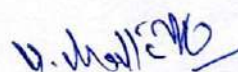

OSD-cum-Chief Env. Scientist (Lab)

Memo No. 18400

Dt. 14.10.2025

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

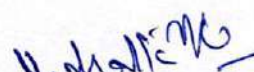

OSD-cum-Chief Env. Scientist (Lab)

Memo No. 18401

Dt. 14.10.2025

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. 18402

Dt. 14.10.2025

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. 18403

Dt. 14.10.2025

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 implemen tation/ 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- July) (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.o rg/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 (4.8)
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)

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 July, 2025

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 sewer ULBs is 333.40 MLD (1. Bhubaneswar Municipal Corporation (112.04 MLD), 2. Cuttack Municipal Corporation (88.57 MLD), 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 sewer cities to cater to peri-urban areas and household not connected to sewer.
Total FS generated in 115 ULBs - 1189 KLD (1.189 MLD)
- c. Grey water management is being taken up in all the 110 non-sewered ULBs.
Total grey water generated in 110 ULBs - 444.94 MLD

III Details of Sewage Treatment Plant:

- Existing no. of STPs and Treatment Capacity (in MLD): 12 STPs (in 5 sewer city): 373.50 MLD
1 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: 180.66 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 – 444.94 MLD
 - 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 07 STPs
 - No. of non-complying STPs : 05 STPs
 - 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 greywater 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, Hinjilcut, Jatni, Jajpur, Keonjhar, Koraput, Nayagarh) of lighthouse ULBs and outfall level intervention progress in 9 nos. (Angul, Baragarh, Dhenkanal, Nayagarh, Balasore, Chhatrapur, Hinjilcut, Jatni, Koraput) of lighthouse ULBs respectively.
- i. Collection & testing of water samples & soil samples from 6 ULBs of Odisha i.e. Angul, Dhenkanal, Jatni, Hinjilcut, 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 2025.

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
	Talcher				
6	Mandapal (WWTP)	2 MLD	2 MLD	O & M by PHEO	Running Smoothly
	Bhubaneswar				
7	Meherpalli	56 MLD	14.5 MLD	O & M by WATCO	Operational since December, 2020
8	Basuaghai	28 MLD	10 MLD		
9	Kochilaput	43.5 MLD	18 MLD		
10	Paikarapur	8 MLD	6 MLD		
11	Rokat	48 MLD	25 MLD	JICA	Commissioned on 31.12.2022
	Rourkela				
12	Ruptala Balughat	40 MLD	17.1 MLD	Partly Commissioned since Feb, 2021 O & M by WATCO from June, 2022	Running Smoothly
	Sambalpur				
13	Sambalpur	40 MLD	22 MLD	OWSSB	Interception and Diversion of Dhobijhor nallah
Total : 12 STPs & 1 WWTP (Talcher)		373.50 MLD 2 MLD	180.66 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	21950	Network- Completed: House Sewer Connection : June, 2027
		Meherpalli, Bhubaneswar	56	Commissioned 01.08.2021	16101	
		Basuaghai, Bhubaneswar	28		9384	
		Kochilaput, Bhubaneswar	43.5		1161	
		Paikarapur, Bhubaneswar	8		336	
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	2100	Network : Completed House Sewer connection-June,2027
4	1	Rourkela	40	Commissioned since February, 2021	2707	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 Septage 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 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 has been attached as Annexure-1)

IV. Details of Industrial Pollution:

1. Total Number of Industries : 7366
2. No. of water polluting industries in the State: 1446
3. Quantity of effluent generated from the industries in MLD: 828.4192 MLD (For treatment)
4. Quantity of Hazardous Sludge generated from the Industries in TPD : 141.9 TPD
5. Number of industrial units having ETPs: 1408
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 : 1408 Numbers, 1053.9361 MLD
Under Construction : Nil
Proposed : Nil
Total : 1408 Numbers, 1053.9361 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 87 numbers of Industries have been inspected for compliance status during July, 2025. Out of these, 67 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 number of units for not having ETPs.
 - During July, 2025, for non-compliance of ETP discharge norms, show cause notices have been issued to 16 nos. of units & actions to be taken is under process for 03 nos. of units (Analysis Result awaited for 01 nos. of units).

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

(1) Total number of Urban Local Bodies:115

(2) Population: 60,69,229 (as per 2011 census)

2. Current Municipal Solid Waste Generation: 2612 TPD

3. 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.

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	275	1303.5	94 %
Materials Recovery Facility (MRF)	233	2390	52%

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)

(1) 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)

(2) MSW processing facilities Functional :

- Composting Facility- Number of Functional Micro Composting Centre (MCC) : 275 Nos.(Capacity : 1303.5 TPD)
- Number of Functional Material Recovery Facilities (MRF): 233 Nos.(Capacity: 2390 TPD)

(3) MSW processing facilities Under Construction:

- Composting Facility - Micro Composting Centres (MCC): 11 Nos. (Capacity: 55 TPD)
- Material Recovery Facilities (MRF): 03 Nos. (Capacity: 30 TPD)

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

- Garbage dumpsites: 11 ULBs (Out of 92 ULBs, 81 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 attached as 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
li	Utilized		12,12,677 T MT
lii	Co-processed		2026 MT
lv	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 Landfill (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 Clearance (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 no.s 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: 157 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.

At present 2087 KLD (2.087 MLD) septage is being treated through Septage Treatment Plants in 120 Nos. of SeTPs in 115 ULBs.

For greywater 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 seven polluted river stretches (as per CPCB report -2022), its

tributaries, drains with flow details and ground water quality in the catchment of polluted river along with rest 12 stretches (declared as clean) are enclosed as Annexure-6.

Status of these 19 Polluted River stretches in the State of Odisha during the period 2017-2025 (upto July, 2025) 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 2017-2025 (upto July, 2025) is given as Annexure-7 (b).

Latest water quality of all river water quality monitoring stations (152 numbers) during July, 2025 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 (Upto 7/ 2025)	359	133	4071	2615

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 (upto 7/2025)	Taken up : 487 nos. Completed : 296
(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 (upto 7/2025)	54 Nos.
		Total check dams as on 7/2025	16891

XVII. Demarcation of Floodplain and removal of illegal encroachments:

Out of 9 Nos. of polluted river stretches, in Gangua nallah (Priority No. I), 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.	July, 2025	15	17	1.134
2.	June, 2025	22	31	1.409
3.	May, 2025	0	0	0
4.	April, 2025	0	0	0
5.	March, 2025	0	0	0
6.	February, 2025	0	0	0
7.	January, 2025	31	42	1.35
8.	December, 2024	31	48	1.54
9.	November, 2024	15	27	1.8
10.	October, 2024	0	0	0
11.	September, 2024	08	30	3.75
12.	August, 2024	04	17	4.25

XVII. 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.

XIX. 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).

XX. 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 XX from Dept. of Water Resources, Govt. of Odisha has been attached as Annexure-8 and Annexure-9)

XXI. Reuse of Treated Water:

All Water polluting industries are being regulated under the consent administration of the Board. 806 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)

XXII. 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-2022” there are seven polluted river stretches in the State as detailed below based on the maximum BOD value observed during the year 2019 and 2021 (2020 not considered due to pandemic). However, as per BOD, maximum during Jan-July, 2025, river water quality status of these seven stretches is given below.

Water quality status of previously identified 19 stretches (i.e.during the year 2018) is given in Annexure-7(a).

Priority category during 2022			Priority during Jan-Dec, 2023	Priority during Jan-Dec, 2024	Priority during July, 2025
Priority	Numbers	(BOD, mg/L, max)	(BOD, mg/L, max)	(BOD, mg/L, max)	(BOD, mg/L, max)
Priority- I	1	Gangua nallah along Bhubaneswar	Priority-III (18.0)	Priority-III (16.0)	Priority-III (20.0)
Priority-IV	3	Daya along Narankheta to Kanas	Priority-V (4.8)	Priority-V (4.4)	Priority-V (4.8)
		Kuakhai along Bhubaneswar	Clean (1.8)	Clean (2.1)	Clean (2.2)
		Mangala along Golasahi	Priority-V (3.6)	Clean (2.8)	Priority-V (4.8)
Priority-V	3	Kathajodi along Cuttack	Priority-V (4.2)	Priority-V (3.9)	Priority-V (3.8)
		Serua along Sankhatrasa	Priority-V (3.9)	Priority-V (3.7)	Priority-V (3.7)
		Brahmani along Rourkela	Priority-V (5.3)	Priority-V (4.3)	Priority-V (4.8)

Rest 12 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-12)

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- 13.

XXIII. 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.

XXIV. Regulation of Mining Activities in the State/UT: Enclosed as Annexure -14.

XXV. 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 87 numbers of Industries have been inspected for compliance status during July, 2025. Out of these, 67 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 July , 2025, for non-compliance of ETP discharge norms, show cause notices have been issued to 16 nos. of units & actions to be taken is under process for 03 nos. of units (Analysis Result awaited for 01 nos. of units).

XXVI. 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 July, 2025. Extract of the Grievance report for the period 01.07.2025 to 31.07.2025 downloaded from the portal is given as Annexure -15.

Sl No.	Placed as	Subject	Page No.
1.	Annexure-1	Housing & Urban Development Department- Monthly Progress report in connection with compliances to NGT order of OA 673/2018	19
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	33
3.	Annexure-3	Minutes of 5th River Rejuvenation Committee held on 22.08.2025 under Chairmanship of Addl. Chief Secretary, FE &CC Department	51
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	54
5.	Annexure-5	Minutes of 11 th Task Force meeting held on 25.04.2024 for abatement of pollution on River Daya	63
6.	Annexure-6	Latest Water quality of polluted river , its tributaries, drains and ground water quality in the catchment of Polluted River stretches during July, 2025	70
7.	Annexure-7(a)	Status of Polluted River stretches in the State of Odisha during the period 2017-2025 (Upto July) with Maximum BOD values during the year	81
8.	Annexure-7(b)	Summary of Number of Polluted River Stretches under Different Category during the Period 2017-2025 (Upto July)	82
9.	Annexure-7(c)	Water quality of Rivers in Odisha during July, 2025	83
10	Annexure-8	Water Resources Department- Monthly Progress report in connection with compliances to NGT order of OA 606/2018	91
11	Annexure-9	Water Resources Department- Monthly Progress report in connection with compliances to NGT order of OA 673/2018	94
12	Annexure-10	OWSSB – Monthly Progress report in connection with compliances to various NGT order of OA 673/2018, 606/2018 & 593/2017	119
13	Annexure-11	WATCO- Monthly Progress report in connection with compliances to various NGT order of OA 673/2018, 593/2017	131
14	Annexure-12	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”	139
15	Annexure-13	Action Taken Report for Restoration of Kathajodi river along Cuttack City	140
16	Annexure-14	Regulation of mining activities in Odisha	144
17	Annexure-15	Monthly Status of NMCG Redressal Portal (during July, 2025)	147



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.: 20760 Date 04.09.2025

From

Sri Panduram Singh,
 Deputy Secretary to Government

To

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

Sub: **Submission of Monthly Progress Report for the month of July, 2025 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,

I am directed to send herewith the Monthly Progress Report [MPR] for the month of July, 2025 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.

Yours faithfully,

Deputy Secretary to Government

Memo No. 20761 /HUD, Date: 04.09.2025

Copy along with copy of the enclosures forwarded to the Director, Environment, FE&CC Department/ Engineer-in-Chief, OWSSB / Managing Director, WATCO / Team Leader, TSU-FSSM/ MIS Expert, PMU, SBM (Urban) for information & necessary action.

Deputy Secretary to Government

MPR FOR THE MONTH OF JULY-2025

V. Solid Waste Management:

- Total number of Urban Local Bodies: 115
- Population: 60,69,229 (as per 2011 census)
- Current Municipal Solid Waste Generation: 2,612 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	275	1,303.5	94%
Materials Recovery Facility (MRF)	233	2,390	52%

- 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)	275 MCCs (Capacity: 1,303.5 TPD)	11 MCCs (Capacity: 55 TPD)
Material Recovery Facility (MRF)	226 MRFs (Capacity: 2,420 TPD)	233 MRFs (Capacity: 2,390 TPD)	3 MRFs (Capacity: 30 TPD)

- Number of garbage dumpsites and Sanitary Landfills.
 - ✓ Garbage dumpsites: in 11 ULBs (Out of 92 ULBs, 81 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

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

VIII. Plastic Waste Management:

- Total Plastic Waste generation: 157 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	Angul (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	Athagad (NAC)	3.00	2.74	3.00	2.74	3.5	10.0	86%	27%	0.0	0.0	
5	Athmallik (NAC)	2.12	1.99	2.12	1.99	5.0	10.0	42%	20%	0.0	0.0	
6	Attabira NAC	2.77	2.60	2.77	2.60	5.0	20.0	55%	13%	0.0	0.0	
7	Balangir (M)	16.08	15.05	16.08	15.05	20.0	30.0	80%	50%	0.0	0.0	
8	Balasore (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	4.0	10.0	51%	19%	0.0	0.0	
10	Baliguda 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)	3.37	2.80	3.37	2.80	4.0	10.0	84%	28%	0.0	0.0	
13	Banpur (NAC)	2.96	2.78	2.96	2.78	3.0	10.0	99%	28%	0.0	0.0	
14	Barbil (M)	10.98	10.29	10.98	10.29	15.0	30.0	73%	34%	0.0	0.0	
15	Bargarh (M)	15.98	12.38	15.00	12.38	15.0	30.0	100%	41%	0.0	0.0	
16	Baripada (M)	21.77	16.84	21.77	16.84	26.0	60.0	84%	28%	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)	5.57	5.22	5.57	5.22	10.0	10.0	56%	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	Belpahar (M)	6.47	6.06	6.47	6.06	10.0	20.0	65%	30%	0.0	0.0	
21	Berhampur (MC)	82.80	63.48	81.00	63.48	81.0	70.0	100%	91%	0.0	0.0	
22	Bhadrak (M)	18.00	18.00	8.00	18.00	8.0	20.0	100%	90%	0.0	0.0	
23	Bhanjanagar NAC	3.42	3.11	3.42	3.11	5.0	10.0	68%	31%	0.0	0.0	
24	Bhawaniapatna (M)	13.65	12.76	13.65	12.76	20.0	30.0	68%	43%	0.0	0.0	
25	Bhuban (NAC)	3.79	3.56	3.79	3.56	6.0	20.0	63%	18%	0.0	0.0	
26	Bhubaneswar (MC)	384.00	416.00	384.00	416.00	180.0	210.0	100%	100%	20.0	10.0	31-12-2025
27	Bijepur (NAC)	2.01	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	Boudhgarh (NAC)	3.46	3.25	3.46	3.25	5.0	10.0	69%	33%	0.0	0.0	
31	Brajarajapur (M)	13.15	12.31	13.15	12.31	15.0	20.0	88%	62%	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)	8.13	7.61	8.13	7.61	10.0	20.0	81%	38%	0.0	0.0	
34	Champurua 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)	2.30	1.89	2.30	1.89	5.0	10.0	46%	19%	0.0	0.0	
38	Choudwar (M)	7.10	6.66	6.00	6.66	6.0	30.0	100%	22%	0.0	0.0	
39	Cuttack (MC)	114.98	108.60	80.00	80.00	80.0	80.0	100%	100%	10.0	0.0	31-12-2025
40	Daspalla NAC	3.14	2.95	3.14	2.95	5.0	10.0	63%	30%	0.0	0.0	
41	Deogarh (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	Dhamagarh NAC	2.70	2.97	2.70	2.97	3.0	10.0	90%	30%	0.0	0.0	
44	Dhenkanal (M)	12.00	10.42	12.00	10.42	18.5	40.0	65%	26%	0.0	0.0	
45	Digapahandi (NAC)	2.50	2.14	2.50	2.14	5.0	10.0	50%	21%	0.0	0.0	
46	G. Udayagiri (NAC)	1.94	1.82	1.94	1.82	3.0	10.0	65%	18%	0.0	0.0	
47	Ganjam (NAC)	2.07	1.95	2.07	1.95	5.0	10.0	41%	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)	1.32	1.25	1.32	1.25	2.0	10.0	66%	13%	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	2.00	2.74	2.0	20.0	100%	14%	0.0	0.0	
52	Hinjilicut (M)	4.00	4.00	4.00	4.00	10.0	20.0	40%	20%	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	Jaipur (M)	6.26	5.87	6.26	5.87	10.0	20.0	63%	29%	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	Jeypore (M)	13.90	13.01	13.90	13.01	20.0	40.0	70%	33%	0.0	0.0	
58	Jharsuguda (M)	16.04	15.02	10.00	15.02	10.0	20.0	100%	75%	10.0	0.0	31-12-2025
59	Joda (M)	7.67	8.50	7.67	8.50	10.0	20.0	77%	43%	0.0	0.0	
60	Junagarh (NAC)	3.33	3.12	3.33	3.12	5.0	10.0	67%	31%	0.0	0.0	
61	Kabisurjanagar (N)	3.31	2.82	3.31	2.82	5.0	10.0	66%	28%	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	
62	Kamakshyanagar (N)	3.00	3.00	3.00	3.00	3.0	10.0	100%	30%	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	3.0	10.0	59%	17%	0.0	0.0	
66	Kendrapara (M)	7.75	7.26	7.75	7.26	8.0	20.0	97%	36%	0.0	0.0	
67	Keonjhar (M)	12.00	9.50	12.00	9.50	15.0	30.0	80%	32%	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)	1.63	1.54	1.63	1.54	5.0	10.0	33%	15%	0.0	0.0	
71	Khariar (NAC)	2.54	2.39	2.54	2.39	3.0	10.0	85%	24%	0.0	0.0	
72	Khariar Road (NAC)	3.27	3.20	3.27	3.20	8.0	20.0	41%	16%	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	2.84	2.66	3.0	20.0	95%	13%	0.0	0.0	
76	Koraput (M)	8.20	8.73	8.20	8.73	10.0	20.0	82%	44%	0.0	0.0	
77	Kotpad (NAC)	3.00	2.60	3.00	2.60	10.0	20.0	30%	13%	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)	4.98	4.66	4.98	4.66	5.0	10.0	100%	47%	0.0	0.0	
81	Nayagarh (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	Nimapara (NAC)	3.33	3.12	2.00	3.12	2.0	10.0	100%	31%	0.0	0.0	
84	Nuapada NAC	2.90	2.70	2.90	2.70	5.0	10.0	58%	27%	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	6.0	30.0	51%	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	Pattamunda (M)	6.02	5.64	6.02	5.64	10.0	20.0	60%	28%	0.0	0.0	
91	Phulabani (M)	7.33	5.82	7.33	5.82	8.0	20.0	92%	29%	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 (M)	36.20	30.60	36.20	30.60	50.0	60.0	72%	51%	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%	5.0	10.0	31-12-2025
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	
100	Raurkela (MC)	58.47	55.23	40.00	55.23	40.0	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	0.00	0.00	0.0	0.0	0%	0%	10.0	10.0	31-12-2025
104	Sambalpur (MC)	63.30	59.79	45.00	59.79	45.0	90.0	100%	66%	0.0	0.0	
105	Sonepur (M)	3.99	3.72	3.99	3.72	5.0	10.0	80%	37%	0.0	0.0	
106	Soro (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	Sundargarh (M)	7.46	6.99	7.46	6.99	15.0	20.0	50%	35%	0.0	0.0	
109	Surada (NAC)	2.59	2.43	2.59	2.43	5.0	10.0	52%	24%	0.0	0.0	
110	Talcher (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	5.00	5.00	5.00	5.0	10.0	100%	50%	0.0	0.0	
113	Tusara 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	Umerkote (M)	4.82	4.52	4.82	4.52	10.0	10.0	48%	45%	0.0	0.0	
Total:		1,331	1,281	1,223	1,247	1,303.5	2,390	94%	52%	55.0	30.0	



OFFICE OF THE MANAGING DIRECTOR, WATCO

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

No. 5988 Dt. 16/8/2025

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 July'2025 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 July'2025 are
furnished herewith for information & necessary action.

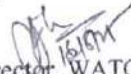
Encl: As above.

Yours faithfully,


Managing Director, WATCO.

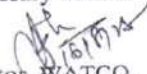
Memo No. 5989 / Dated. 16/8/25

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.


Managing Director, WATCO

Memo No. 5990 Dt. 16/8/25

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


Managing Director, WATCO.

CIN No: U41000OR2015NPLD19598, www.watcoodisha.in

Corporate Office: WATCO, Ground Floor of UNNATI Bhawan, Satyanagar, Bhubaneswar - 751007, Odisha, India

National Mission for Clean Ganga
Monthly Progress Report for the month of July, 2025 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 : 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 five ULBs is 333.4 MLD for the last year 2024. [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: 186.50 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 2024 from Bhubaneswar, Cuttack, Sambalpur, Rourkela, Puri is 333.40 MLD. Sewage treatment facility at various stages of operationalization for these six 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 sewerage 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	16.5	O&M by WATCO	Operational since Dec.2020
	1	Basuaghai	28	12.5		-do-
	1	Kochilaput	43.50	18		-do-
	1	Paikarapur	8	6		-do-
	1	Rokat	48	26.34	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	186.5		

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	21950	Network: Completed, House sewer connection:by June 2027
		Meherpalli	56	Commissioned 01.08.2021	16101	Network: Completed, House sewer connection:by June 2027
		Basuaghai	28		9384	Network: Completed, House sewer connection:by June 2027
		Kochilaput	43.5		1161	Network: Completed, House sewer connection:by June 2027
		Paikarapur	8		336	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	2100	Network: Completed, House sewer connection:by June 2027
4	1	Rourkela	40	Commissioned since Feb. 2021	2707	Network: Completed, House sewer connection:by June 2027:



Orissa Water Supply & Sewerage Board

(A Govt. of Odisha Undertaking)

Satyanagar, Bhubaneswar-751007 Phone: (0674)2571185

Email: eicowssb@gmail.com

No. 2164 (NE) dt. 13/08/25
W-02/2021

To

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

Sub.: Furnishing progress report for the month of July 2025 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 July 2025 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,


Engineer-in-Chief, OWSSB

Memo No. 2165 dt. 13/08/25

(NE)
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.

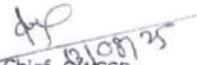
Encl.: As above.


Engineer-in-Chief, OWSSB

Memo No. 2166 dt. 13/08/25

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

Encl.: As above.


Engineer-in-Chief, OWSSB

OA Nos.593,606 & 673 forwarding letter

[PTO]

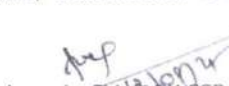
(NE)
Memo No. 2167 dt. 13/08/25
Copy with copy of enclosures forwarded to the M.D., WATCO, Bhubaneswar for information and necessary action.

Encl.: As above.


Engineer-in-Chief, OWSSB

(NE)
Memo No. 2168 dt. 13/08/25
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.


Engineer-in-Chief, OWSSB

OA Nos. 593, 606 & 673 forwarding letter

National Mission for Clean Ganga
Monthly Progress Report for the month of July 2025 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):

Sewage, septage and greywater generation in the State

Based on 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 5 sewer cities, (ii) 65% Greywater in non-sewered towns, (iii) 0.21 LPCD of black water (Septage) in non-sewered towns which comes around 780 MLD.

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.

b. In remaining 110 ULBs, decentralized non-sewer approach has been adopted for liquid waste management. The Faecal Sludge from onsite sanitation system are collected and transported mechanically and are treated in FSTPs in all the 110 ULBs. Further, FSTPs have been set up in 5 sewer cities to cater to peri-urban areas and household not connected to sewer.

Total FS generated in 115 ULBs : 1189 KLD (1.189 MLD)

c. Greywater Management is being taken up in all the 110 non-sewered ULBs.
 Total Grey Water generated in 110 ULBs : 444.94 MLD

III. Details of Sewage Treatment

The detailed information has been submitted by WATCO separately.

Details of Septage/ Greywater Treatment

- **Sewage being treated through alternative technology** : [FSM & GWM]
- **Total number of FSTPs for treatment of Faecal sludge from onsite systems and Treatment Capacity** : 120 FSTPs : 2087.00 KLD (2.087 MLD)
- **Grey Water generated** : 444.94 MLD
- **Capacity of Greywater treatment in WWTP (1 No. at Talcher)** : 2 MLD

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

For the five sewerage cities, the detailed information is to be submitted by WATCO separately
Grey Water Management in Odisha

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

For greywater management in the ULBs, initially the pilot project was conducted in 4 geographical areas of two cities- Jatni (M) and Dhenkanal (M). On the basis of learning from the pilot project 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. Scaling up of GWM in all 110 ULBs have been taken up since November 2023.
- c. 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, Hinjilicut, 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.
- d. A state level PMU is constituted to monitor and handhold the grey water management programme in different ULBs of the State.
- e. Household, lane and drain survey data collection is completed in 77 ULBs & under progress for 33 nos. of ULBs. The validation of survey data is under progress by ULBs.
- f. Identification of lands for outfall level intervention is in progress in 110 ULBs.

- g. Construction of lane level intervention is in progress in 11 nos. of Lighthouse ULBs (Angul, Bargarh, Balasore, Chhatrapur, Dhenkanal, Hinjilicut, Jatni, Jajpur, Keonjhar, Koraput & Nayagarh) and outfall level intervention progress in 8 nos. of Lighthouse ULBs (Angul, Dhenkanal, Nayagarh, Balasore, Chhatrapur, Hinjilicut, Jatni and Koraput).
- h. Collection & Testing of Water Sample & Soil Sample from 6 nos. of ULBs of Odisha i.e. Angul, Dhenkanal, Jatni, Hinjilicut, Nayagarh and Jajpur Municipality has been completed and report obtained from SPCB Odisha.

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

"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.

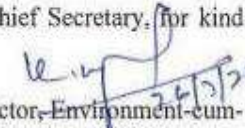
Yours faithfully,

Encl: As above.


 Director, Environment-cum-
 Special Secretary to Government

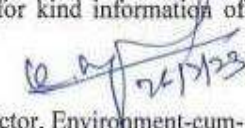
Memo No. 15727 / FE & CC, Dt 26.07.23

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


 Director, Environment-cum-
 Special Secretary to Government

Memo No. 15728 / FE & CC, Dt 26.07.23

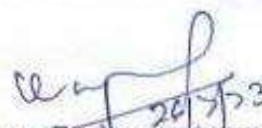
Copy forwarded to the Senior PS to the Additional Chief Secretary, FE&CC Department / P.S. to Principal Secretary, H & UD Dept./ P.S. to Principal Secretary, PR & DW Department/ P.S. to Commissioner cum Secretary, Health & Family Welfare Department for kind information of ACS, Principal Secretary and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


 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.

Encl: As above.


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, Bhubaneswar for information and necessary action.


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.



PE-ENVY-DW-2025-202043/2023

2	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	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.																				
3	Status on MCC, MRF, Legacy waste, Landfill site, Bio-mining activities, Sewage Management being monitored by CMC, Ministry Jal Shakti, Govt. of India Para 20 & 21	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																				
4	Status of State on SWM (2257 TPD) & 37.46 Lakh MT and current gap of 514 (642 – 128) MLD of sewage management. Para 25	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																				
5	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	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><th colspan="5">Rs. In Crore</th></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>	Sl. No.	Particulars	Available /released Amount	Fund to be received	Total	Rs. In Crore					1	5th SFC (Septage Management)	33.33	8.34	41.67	2	Urban-Rural Convergence for FSSM	69.62		69.62
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		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	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 <table><tr><th>SWM Facilities</th><th>Number</th><th>Capacity (in TPD)</th><th>Waste Generated (TPD)</th><th>% Capacity Availability</th></tr><tr><td>MCC</td><td>254</td><td>1193.5</td><td>1,157 (Wet Waste)</td><td>103</td></tr><tr><td>MRF</td><td>216</td><td>2,220</td><td>1104 (Dry Waste)</td><td>201</td></tr></table> Recyclable dry wastes sold to Agencies authorised by SPCB, Odisha and Non-recyclable sent to Cement plants for co-processing.			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
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	3.Establishment of de-centralized waste processing facilities of adequate capacity	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																	

	4. Segregation of the municipal solid waste at source 5. Processing of waste nearest to the point of generation with defined destination 6. Enlisting involvement of people Para 28	monitoring the progress made in this regard. 4. 99% segregation of waste at source is being ensured in all ULBs. 5. Suitable lands identified within the locality for establishment of MCCs and MRFs 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. <table><tr><th>S. No.</th><th>Status</th><th>No. of ULB</th><th colspan="2">Approx. Quantity of legacy waste (in MT)</th><th>Status in %</th></tr><tr><td>1</td><td>Completed</td><td>1</td><td colspan="2">55,000</td><td>1</td></tr><tr><td rowspan="3">2</td><td rowspan="3">On-going</td><td rowspan="3">2</td><td>RMC:</td><td>Completed</td><td>1,41,156</td><td>4</td></tr><tr><td></td><td>Ongoing</td><td>2,500</td><td rowspan="2">42</td></tr><tr><td>BMC:</td><td>Ongoing</td><td>16,00,000</td></tr><tr><td colspan="6">RFP floated</td></tr><tr><td rowspan="3">3</td><td>Municipal Corporation</td><td>3</td><td colspan="2">10,00,000</td><td>26</td></tr><tr><td>Municipalities</td><td>41</td><td colspan="2">9,27,458</td><td>24</td></tr><tr><td>NAC</td><td>49</td><td colspan="2">1,11,104</td><td>3</td></tr><tr><td>4</td><td>No Legacy Waste</td><td>19</td><td colspan="2">0</td><td>0</td></tr><tr><td colspan="2">Total:</td><td>115</td><td colspan="2">38,37,218</td><td>100</td></tr></table>	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	RFP floated						3	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
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	All other wastes i.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 120 SeTPs with a total capacity of 377.59 MLD, 12 STPs (Capacity of 342.50 MLD) and 112 SeTPs (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

	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	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 (Annexure A) 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 (Annexure B), which was also submitted to Hon'ble NGT vide this department letter No. 9708 dt.11.05.2023(Annexure C). Action: H&UD Department, PR & DW Department, SPCB, Odisha, OWSSB																																			
12	Provision of funds to bridge the gap Para 37	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 colspan="5">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><tr><td>3</td><td>Urban Septage System</td><td>70.00</td><td></td><td>70.00</td></tr><tr><td>4</td><td>Used Water Management SBM (Urban)</td><td></td><td>986.00</td><td>986.00</td></tr><tr><td colspan="2">Total:</td><td>172.95</td><td>994.34</td><td>1167.29</td></tr></table> Action: H&UD Department, PR&DW Department	Sl. No.	Particulars	Available /released Amount	Fund to be received	Total	Rs. In Crore					1	5th SFC (Septage Management)	33.33	8.34	41.67	2	Urban-Rural Convergence for FSSM	69.62		69.62	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
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13	Adoption of cost effective method of sewage treatment, reduction on	SPC Board is stipulating ZLD Condition in CTE and CTO order																																			

	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; - Approval has been obtained for implementation of Grey Water Management (GWM) in 110 ULBs excluding 5 ULBs having sewerage system. - 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, Hinjilicut, Jatni, Jajpur, Keonjhar, Koraput, Nayagarh. - State level PMU for Grey water management will be set up shortly. - 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. - The TULIP Engineers and GIS Expert have been engaged for these 11 lighthouse ULBs. - 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. - Further, the ULBs have conducted a training/ orientation session at their respective ULB level for the elected representatives, Swacha Sathis & MSGs. - The household survey has been initiated jointly by TULIP Engineers and Swach Sathis in their respective wards allotted. - The GIS Experts have been oriented and trained for digital mapping of all the household, lanes and drains in the ULB. - The work in 11 lighthouse ULBs is expected to be completed by March 2024. Based on BOD values of the polluted river stretches during
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		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. <u>Status of Polluted river stretches identified during 2022</u> <table><tr><th colspan="4">Priority category during 2022 (CPCB Publication "Polluted river stretches for restoration of Water Quality-2022")</th><th rowspan="2">Action plan under implementation/ proposed*</th></tr><tr><th>River</th><th>Name of Polluted River Stretch</th><th>Priority</th><th>Numbers</th></tr><tr><td>Ganguanallah</td><td>Ganguanallah along Bhubaneswar</td><td>I</td><td>1</td><td rowspan="7">Action plan has approved by CPCB under Implementation. May be downloaded the www.rrcodisha.org/actionplan/</td></tr><tr><td>Daya</td><td>Daya along Narankheta to Kanas</td><td>IV</td><td>3</td></tr><tr><td>Kuakhai</td><td>Kuakhai along Bhubaneswar</td><td>IV</td><td></td></tr><tr><td>Mangala</td><td>Mangala along Golasahi</td><td>IV</td><td></td></tr><tr><td>Kathajodi</td><td>Kathajodi along Cuttack</td><td>V</td><td>3</td></tr><tr><td>Serua</td><td>Serua along Sankhatrasa</td><td>V</td><td></td></tr><tr><td>Brahmani</td><td>Brahmani along Rourkela</td><td>V</td><td></td></tr></table> Action: H&UD Department, PR & DW Department, SPCB, Odisha	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	Action plan has approved by CPCB under Implementation. May be downloaded the www.rrcodisha.org/actionplan/	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	
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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 mechanism for 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 8,79,547 household 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 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 for the 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 ULBs for 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 8,79,547 household soak pits (through MGNREGA) have been constructed for the management of grey water in villages.
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		- 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 <i>web-portal "Swachha Sahara Odisha" and mobile app "Ama Sahara"</i> 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 next two 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 19.06.2023 as 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 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

**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

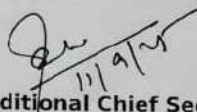
SI No.	Decisions taken in 4 th RRC meeting	Progress made so far	the decisions taken
1.	H & UD Department will expedite the sewerage network infrastructure to attain total capacity utilization of the STPs.	Out of the total 373.5 MLD installed capacity of 12 STPs in five municipalities, 180.6 MLD of wastewater 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


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)





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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. 11883(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.

Encl : As above

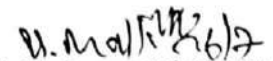
Yours faithfully,


Chief Environmental Scientist

Memo No. 11884

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.


Chief Environmental Scientist

Contd.. p/2



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

Memo No. 11885

Date 26.07.2023

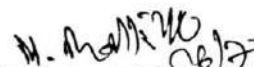
Copy forwarded to the Senior PS to the Additional Chief Secretary, F, E and CC for kind information.


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

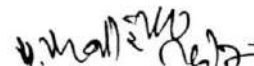
Copy forwarded to the Chief Environmental Scientist (ULB), State Pollution Control Board, Odisha, Bhubaneswar for kind information and necessary action.


Chief Environmental Scientist

Memo No. 11888 (401)

Date 26.07.2023

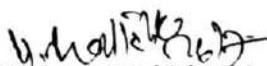
Copy forwarded to the Resident Welfare Association (401 Numbers, List annexed), Bhubaneswar Municipal Corporation area for kind information and necessary action.


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

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 Niranjana 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, Sweetie 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 Rokati (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 decentralised 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: - Source segregation of waste at least into three categories such as dry, wet and domestic hazardous waste. - Processing of segregated waste by developing captive scientific processing facilities for dry and wet waste. - 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. - The segregated waste need to be handed over to the designated vehicles only engaged by BMC. - 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 Fund.	Association		
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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



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

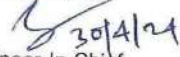
The Municipal Commissioner, BMC, Bhubaneswar
Chief Executive Officer, WATCO, Bhubaneswar
Chief General Manager, IDCO, Bhubaneswar
CE-cum-Addl. Secy. to Govt.
H&UD Department, Govt. of Odisha
Chief District Medical Officer, Khordha
Planning Member, BDA, Bhubaneswar
Superintending Engineer, PRACHI Division, 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.

Encl: As above

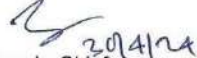
Yours faithfully,


Engineer-In-Chief
& Member Convener

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


Engineer-In-Chief
& Member Convener

Minutes of the 11th Task 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 Bhubaneswar Development Authority, Bhubaneswar

Members present: Annexed

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

Sl. No.	Organization	Issues	Decisions taken
1.	WATCO	a) Land acquisition at confluence of Daya & Gangua b) Policy for sewer connection c) Completion of sewerage systems in Districts-I, II, III, IV, V & VI of Bhubaneswar City.	1. It was observed that the land 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. 2. CEO, WATCO has submitted a draft policy for household sewer connection to expedite sewerage connection to the H&UD Department vide WATCO letter No.4793 dated 14.08.23 for consideration. <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 along with a brief of the matter relating to construction of Sewage Pumping Station (SPS) at Gopaluni Pokhari in District-II.

Sl. No.	Organization	Issues	Decisions taken
		d) House sewer connection	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. 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.
		f) Sewerage System in	8. Plantation activity and parking facility at Kochilaput site and plantation in other 3 ponds should be carried out in consultation with DFO (City).

		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 been Administratively 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 are to be made in the catchment of Drain No.10. The Vice 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, Khurda intimated that 10 new clinical units have been registered in last 3 months. 6. BMC representative intimated that meeting of Drug Inspectors have been held regarding enforcement of safe disposal of outdated/expired medicines. 7. Drug Inspectors must collect the number 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 areas is 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 industrial 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 install ETPs 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 July 2025

Polluted River stretch: July, 2025

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. Gangua nallah (D/s Bhubaneswar) (Priority-I)	Rajdhani Engineering College	6.8	0.7	7.0	160000	160000	140	NC
	Palasuni	6.6	1.1	6.7	160000	160000	170	NC
	Samantarapur	6.6	1.5	15.0	160000	160000	220	NC
	Vadimula	6.7	1.8	8.0	160000	54000	110	NC
2. Daya River (Bhubaneswar to Bargarh) (Priority-IV)	Bhubaneswar D/s at Kanti	7.1	2.1	4.7	54000	13000	70	NC
	Bhubaneswar FD/s at Manitri	6.9	2.9	4.6	24000	7900	46	NC
	Daya at Kanas	6.5	5.6	2.5	24000	13000	33	NC
3. Kuakhai River (Urali to Bhubaneswar) (Priority-IV)	Bhubaneswar FU/s	7.1	7.1	1.7	1400	330	11	C
	Bhubaneswar U/s	7.3	6.5	1.8	35000	7900	49	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 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,2025	7.3	<1.0	2.906	<1.8	<1.8
Chandrasekharapur	April,2025	6.6	1.2	5.611	<1.8	<1.8
Khandagiri Area	April,2025	6.9	<1.0	1.462	<1.8	<1.8
Capital Hospital Area,	April,2025	6.5	<1.0	1.509	<1.8	<1.8
Laxmisagar area	April,2025	7.3	<1.0	1.499	<1.8	<1.8
Secretariate-Govenor House- Old bus stand Area	April,2025	6.6	<1.0	1.785	<1.8	<1.8
Drinking water Specification (IS : 10500:2012) Desirable limit	-	6.5-8.5	3.0, max	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 (July, 2025)

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	19.0	160000
4.	Drain No. 3 (after confluence of Drain No. 2) at Sameigadia	63.0	160000
5.	Drain No. 4 at Chakeisiani Canal Road	120.0	<1.8
6.	Drain No. 5 at Laxmi Vihar Phase-II	53.0	160000
7.	Drain No. 6 at Badagada	80.0	35000
8.	Drain No.7 near Mahabir Road Culvert, Samantarapur	70.0	160000
9.	Drain No. 8 (after confluence of Drain No. 8A) at Gandamunda	11.0	92000
10.	Drain No. 9 at Ghatikia (Near DFO Office)	103.0	160000
11.	Drain No. 9 (after confluence of drain No. 8) at Botanda	6.3	160000
12.	Drain No 10 at Jharapada	65.0	160000
13.	Drain No. 11 near Kuha	3.4	3300

Characteristic of Drains falling on Daya river (July, 2025)

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)	7.6	4.7	40.0	440.0	<1.8	<1.8
2.	Outlet of STP, Basuaghai (28 MLD)	6.9	3.7	32.0	14.0	16000	16000
3.	Outlet of STP, Kochilaput (43.5 MLD)	6.9	3.7	16.0	15.0	9200	700
4.	Outlet of STP, Paikarapur (8 MLD)	6.8	5.3	28.0	11.0	<1.8	<1.8
5.	Outlet of STP, Rokati (48 MLD)	6.9	3.4	28.0	12.0	350	94

Polluted River stretch: July, 2025

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	7.2	5.3	2.8	4900	1700	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)	

Ground Water quality of Puri town along Mangala river

Stn Name	Month	pH	BOD, mg/L	Nitrate-mg/L	TC, MPN/100 mL	FC, MPN/100 mL
Hospital-Bus stand-Mausima temple area	April, 2025	6.9	<1.0	18.743	<1.8	<1.8
Near Jagannath Temple,	April, 2025	7.1	<1.0	22.121	<1.8	<1.8
Near Sea Beach	April, 2025	7.1	<1.0	22.584	<1.8	<1.8
Baliapanda	April, 2025	7.8	<1.0	18.882	<1.8	<1.8
Chakratirtha Road	April, 2025	7.6	<1.0	3.258	<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 (July, 2025)

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)	7.6	53.0	119.0	30.0	160000	160000

Polluted River stretch: July, 2025

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-III)	Cuttack D/s	6.8	3.8	3.8	35000	24000	79	NC
	Cuttack FD/s at Mattagajpur	7.1	6.1	2.9	160000	160000	94	NC
6. Serua River (Khandaeta to Sankhatrasa) (Priority-V)	Cuttack FD/s at Sankhatrasa	7.3	5.2	3.3	160000	92000	240	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

Stn Name	Month	pH	BOD, mg/L	Nitrate-mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL
Jagatpur	April, 2025	6.7	<1.0	18.697	<1.8	<1.8
Madhupatna-Kalyan Nagar Area	April, 2025	6.7	<1.0	4.073	<1.8	<1.8
GW,Bidanasi-Tulasipur	April, 2025	6.9	<1.0	4.665	<1.8	<1.8
Badambadi Area	April, 2025	6.7	<1.0	2.786	<1.8	<1.8
Ranihat-Mangalabag area	April, 2025	6.9	<1.0	9.348	<1.8	<1.8
Drinking water Specification (IS : 10500:2012) Desirable limit		6.5-8.5	3.0, max	45	Absent	Absent

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

Characteristic of Drains falling on Kathajodi river (July, 2025)

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	3.7	24.0	24.0	160000	160000
2	Wastewater discharge to Kathajodi river at CDA-Bidanasi area	7.2	4.0	24.0	15.0	92000	54000
3	Wastewater discharge to Kathajodi river at Khannagar	7.2	90.0	160.0	59.0	160000	160000

Polluted River stretch: July, 2025

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	7.1	5.3	3.7	24000	7900	49	NC
	Rourkela D/s at Jalda	7.1	5.4	3.4	17000	3300	33	NC
	Rourkela FD/s at Attaghat	7.2	6	2.6	1300	490	17	C
	Rourkela FFD/s at Biritola	7.3	6.3	2.4	2200	790	13	C
8. Guradih nallah Along Rourkela (Priority-III)	Rourkela (before confluence with Brahmani river)	6.8	4.6	4.7	160000	92000	240	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 (July, 2025)

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	2.7	16.0	14.0	<1.8	<1.8

Polluted River stretch: July, 2025

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 (Priority-III)	Nandira D/s at Dasanali	7.1	6.7	1.9	54000	17000	170	NC
10. Banguru nallah Along Talcher (Priority-V)	Along Talcher	6.6	7.0	1.6	54000	17000	280	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 Talcher city in the catchment of Nandira jhor and Banguru nallah

Stn Name	Month	pH	BOD, mg/L	Nitrate- mg/L	TC, MPN/ 100 mL	FC, MPN/ 100 mL
Talcher Town	April, 2025	6.6	<1.0	4.285	<1.8	<1.8
Meramundali area	April, 2025	7.1	<1.0	7.830	<1.8	<1.8
Talcher Thermal area	April, 2025	7.2	<1.0	2.490	<1.8	<1.8
Banarpal	April, 2025	6.8	<1.0	12.171	<1.8	<1.8
Kulad	April, 2025	6.9	<1.0	4.998	<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 each year

Polluted River stretch: July, 2025

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) (Priority-V)	Sambalpur D/s	7.3	7.6	1.9	3500	1700	17	C
	Sambalpur FD/s at Shankarmath	7.2	7.9	1.6	2400	790	33	C
	Sambalpur FFD/s at Huma	7.2	8.0	1.5	3500	1300	11	C
	Sonepur U/s	7.1	7.5	1.5	2400	460	22	C
	Sonepur D/s	7.2	6.9	1.7	3500	1300	33	C
	Tikarpada	7.1	6.9	1.4	3500	1300	23	C
	Narasinghpur	6.7	6.8	1.2	9200	3500	33	NC
	Munduli	6.8	7.1	1.5	700	170	17	C
	Cuttack U/s	6.7	7.0	1.5	3500	490	39	C
	Cuttack D/s	6.9	6.1	1.7	35000	11000	130	NC
	Cuttack FD/s	6.9	7.5	1.8	3500	790	79	C
	Paradeep U/s	7.4	7.2	1.5	330	78	13	C
	Paradeep D/s	7.3	6.6	1.6	490	130	17	C
12. Bheden Along Bheden (Priority-V)	Jharsuguda	7.3	7.4	1.5	790	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)	

Water quality of Tributaries of Mahanadi River- July, 2025

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	7.5	6.2	1.6	790	170	NA	C
	Jharsuguda	8.2	6.9	1.4	3500	490	NA	C
	Brajarajnagar U/s	7.5	7.3	1.3	9200	1300	NA	C
	Brajarajnagar D/s	7.2	7.9	1.5	16000	1700	NA	C
Ong River	Dharuakhaman	7.4	7.1	1.6	2400	790	NA	C
Tel River	Monmunda	7.4	6.6	1.5	1300	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, 2025	7.1	<1.0	3.924	<1.8	<1.8
Near Railway station	April, 2025	6.9	<1.0	2.990	<1.8	<1.8
Near Panthanivas	April, 2025	6.6	<1.0	7.108	1600	1600
Sonepur town Along Mahanadi River						
Near District Head Quarter Hospital, Sonepur	April, 2025	23	7.2	<1.0	23.232	1600
Near Gundicha temple of Tentelghat, Sonepur	April, 2025	23	7.3	<1.0	22.538	<1.8
Paradeep town Along Mahanadi River						
Badapadia market complex	April, 2025	8.1	<1.0	15.781	<1.8	<1.8
Musadiha	April, 2025	8.0	<1.0	14.439	<1.8	<1.8
Jharsuguda town in the catchment of Bheden river and Ib river						
Thelkoloji	May, 2024*	6.9	<1.0	3.211	<1.8	<1.8
Bhurkhamunda	April, 2025	7.1	<1.0	15.456	<1.8	<1.8
Badamal Industrial Estate	April, 2025	7.1	<1.0	4.685	<1.8	<1.8
Budhipadar	April, 2025	6.9	<1.0	1.656	<1.8	<1.8
Brajarajnagar Mining belt	April, 2025	6.5	<1.0	4.119	<1.8	<1.8
Rampur area (Water tank)	April, 2025	7.2	<1.0	1.856	<1.8	<1.8
Ib thermal power station	April, 2025	7.4	<1.0	22.769	<1.8	<1.8
Belpahar area	April, 2025	7.1	<1.0	8.052	<1.8	<1.8
Drinking water Specification (IS : 10500:2012) Desirable limit		6.5-8.5	-	45	Absent	Absent

* Not monitored during April, 2025

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

Characteristic of Drain falling on Mahanadi River (July, 2025)

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	7.1	4.2	12.0	11.0	490	170

Polluted River stretch: July, 2025

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) (Priority-V)	Luna at Bijipur	6.7	6.4	1.7	4900	2300	49	C
14. Ratnachira (Along Sakhigopal, Puri) (Priority-V)	Kumardihi	6.8	5.8	1.7	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)	

Polluted River stretch: July, 2025

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) (Priority-V)	Jaykaypur D/s	7.5	6.9	1.7	1700	330	27	C
	Rayagada D/s	7.4	7.0	1.6	3500	1300	49	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, 2025	6.8	<1.0	22.306	<1.8	<1.8
Within the premises of Badelapulama Temple, Rayagada	April, 2025	6.9	<1.0	22.214	<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: July, 2025

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) (Priority-V)	Baripada D/s	7.5	8.3	1.7	35000	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)	

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

Polluted River stretch: July, 2025

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 AlongTangi (Priority-V)	Along Tangi	6.8	6.1	1.7	17000	4900	49	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 Tangi town by State Pollution Control Board, Odisha

Polluted River stretch: July, 2025

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 (Priority-V)	Madhopur	7.7	8.0	1.7	790	170	NA	C
	Potagarh	7.9	7.3	1.6	330	110	NA	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 (Priority-V)	Jagannathpatna, Rambha	7.3	6.1	1.6	4900	2200	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 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, 2025	7.8	<1.0	3.119	<1.8	<1.8
Badabazar	April, 2025	7.4	<1.0	3.462	<1.8	<1.8
Railway station	April, 2025	7.6	<1.0	3.508	<1.8	<1.8
Bus stand	April, 2025	7.6	<1.0	2.388	<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 2017-2024 with Maximum BOD values during the year

Sl. No.	Polluted River Stretches identified by CPCB	Priority Category of Polluted River stretch									Remarks (During 2024)
		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 (Upto July) (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 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 (4.8)	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 (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)	No Improvement
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 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)	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)	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 has been reduced from III to IV (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 (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 (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 (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 (2.2)	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 (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 (2.1)	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 (Improved)
16	Kusumi (Along Talcher)	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 (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 (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 (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 (Improved)

Summary of Number of Polluted River Stretches under Different Category during the Period 2017-2025

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 polluted 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 (Upto July 2025)
Priority-I	1	1	1	Nil	Nil	Nil	Nil	Nil	Nil
Priority-II	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Priority-III	3	Nil	Nil	1	Nil	1	1	1	1
Priority-IV	2	3	3	2	2	1	1	1	1
Priority-V	13	7	3	4	5	5	5	4	5
		8 (Clean)	12 (Clean)	12 (Clean)	12 (Clean)	12 (Clean)	12 (Clean)	13 (Clean)	12 (Clean)
Total :	19	19	19	19	19	19	19	19	19

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

Water quality of Rivers in Odisha during July, 2025

Total River water quality Monitoring Station: 152

No. of stations monitored: 152

No. of stations conforming to Bathing Water quality: 112

(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	7.5	6.2	1.6	790	170	NA	C
	2.	Bhasma Bridge	7.4	6.5	1.5	490	170	NA	C
	3.	Jharsuguda	8.2	6.9	1.4	3500	490	NA	C
	4.	Brajrajnagar U/s	7.5	7.3	1.3	9200	1300	NA	C
	5.	Brajrajnagar D/s	7.2	7.9	1.5	16000	1700	NA	C
Bheden	6.	Jharsuguda	7.3	7.4	1.5	790	220	11	C
Hirakud Reservoir	7.	Hirakud	7.4	7.2	1.5	1700	490	NA	C
Mahanadi	8.	Sambalpur U/ s	7.4	7.5	1.5	1100	330	NA	C
	9.	Sambalpur D/ s	7.3	7.6	1.9	3500	1700	17	C
	10.	Sambalpur FD/ s at Shankarmath	7.2	7.9	1.6	2400	790	33	C
	11.	Sambalpur FD/S at Huma	7.2	8.0	1.5	3500	1300	11	C
	12.	Power Channel U/s	7.4	7.3	1.6	330	130	NA	C
	13.	Power Channel D/s	7.3	7.0	1.7	2400	490	NA	C
	14.	Bargarh D/s	7.3	7.5	1.7	3500	1300	NA	C
	15.	Patharasen Mandir , Banjipali, Bargarh	7.3	7.9	1.5	790	330	NA	C
	16.	Sonepur U/s	7.1	7.5	1.5	2400	460	22	C
	17.	Sonepur D/s	7.2	6.9	1.7	3500	1300	33	C
	18.	Boudh U/s	7.5	6.9	1.5	2800	1400	NA	C
	19.	Boudh D/s	7.6	7.3	1.7	17000	4900	NA	NC
	20.	Tikarpada	7.1	6.9	1.4	3500	1300	23	C
	21.	Narasinghpur	6.7	6.8	1.2	9200	3500	33	NC
	22.	Banki U/s	7.1	7.3	1.9	2200	790	NA	C
	23.	Banki D/s	7.1	7.1	2.0	3500	1300	NA	C
	24.	Munduli	6.8	7.1	1.5	700	170	17	C
	25.	Cuttack U/s	6.7	7.0	1.5	3500	490	39	C
	26.	Cuttack D/s	6.9	6.1	1.7	35000	11000	130	NC
	27.	Cuttack FD/s	6.9	7.5	1.8	3500	790	79	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))
Mahanadi	28.	New Kourua, Nimeishapur	7.1	7.0	1.8	13000	4900	NA	NC
	29.	Paradeep U/s	7.4	7.2	1.5	330	78	13	C
	30.	Paradeep D/s	7.3	6.6	1.6	490	130	17	C
	31.	Kuanrapala	7.3	6.9	1.4	1100	330	NA	C
Jeera	32.	Bargarh U/s	7.2	7.1	1.6	1100	490	NA	C
Ong	33.	Dharuakhaman	7.4	7.1	1.6	2400	790	NA	C
Tel	34.	Monmunda	7.4	6.6	1.5	1300	330	NA	C
Kathajodi	35.	Cuttack U/s	6.7	7.4	1.6	3500	1700	NA	C
	36.	Cuttack D/s	6.8	3.8	3.8	35000	24000	79	NC
	37.	Cuttack FD/s at Mattagajpur	7.1	6.1	2.9	160000	160000	94	NC
	38.	Cuttack FFD/s at Kamasasan	7.1	7.9	1.7	4900	2300	NA	C
Serua	39.	Cuttack FD/s at Sankhatrasa	7.3	5.2	3.3	160000	92000	240	NC
Kuakhai	40.	Bhubaneswar FU/s	7.1	7.1	1.7	1400	330	11	C
	41.	Bhubaneswar U/s	7.3	6.5	1.8	35000	7900	49	NC
Daya	42.	Gelapur	7.1	7.4	1.9	790	330	11	C
	43.	Bhubaneswar D/s	7.1	2.1	4.7	54000	13000	70	NC
	44.	Bhubaneswar FD/s	6.9	2.9	4.6	24000	7900	46	NC
	45.	Kanas	6.5	5.6	2.5	24000	13000	33	NC
Birupa	46.	Choudwar	7.2	6.9	1.8	2800	1700	NA	C
Gangua nallah	47.	Rajdhani Engineering College	6.8	0.7	7.0	160000	160000	140	NC
	48.	Palasuni	6.6	1.1	6.7	160000	160000	170	NC
	49.	Samantarapur	6.6	1.5	15	160000	160000	220	NC
	50.	Vadimula	6.7	1.8	8.0	160000	54000	110	NC
Kushabhadra	51.	Bhingarpur	6.7	5.6	1.8	24000	7900	NA	NC
	52.	Nimapara	6.6	5.9	1.1	2400	1300	NA	C
	53.	Gop	6.6	6.2	1.6	54000	22000	NA	NC
Gobari	54.	Kendrapada U/s	7.7	6.7	1.6	1400	490	NA	C
	55.	Kendrapada D/s	7.6	6.5	1.7	3500	1700	NA	C
Mangala	56.	Mangala U/s at Malatipatpur	6.8	7.8	1.5	1300	490	NA	C
	57.	Mangala D/s at Golasahi	7.2	5.3	2.8	4900	1700	27	C
Bhargavi	58.	Chandanpur	7.4	6.9	1.7	2400	790	NA	C
Devi	59.	Machhagaon	7.8	6.6	1.4	1700	790	NA	C
Luna	60.	Luna at Bijipur	6.7	6.4	1.7	4900	2300	49	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	7.3	6.1	1.6	4900	2200	33	C
Kusumi	62.	Tangi	6.8	6.1	1.7	17000	4900	49	NC
Kansari	63.	Banapur	7.1	6.1	1.6	2400	490	NA	C
Badasankha	64.	Langalaeswar	7.3	5.6	1.5	4900	1700	NA	C
Ratnachira	65.	Kumardihi	6.8	5.8	1.7	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 (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	7.3	6.2	1.6	1300	330	NA	C
	2.	Panposh D/s	7.1	5.3	3.7	24000	7900	49	NC
	3.	Rourkela D/s at Jalda	7.1	5.4	3.4	17000	3300	33	NC
	4.	Rourkela FD/s at Attaghat	7.2	6.0	2.6	1300	490	17	C
	5.	Rourkela FFD/s at Biritola	7.3	6.3	2.4	2200	790	13	C
	6.	Bonaigarh	7.2	6.6	1.5	3500	1300	NA	C
	7.	Rengali	7.1	6.8	1.6	3500	790	NA	C
	8.	Samal	6.9	7.0	1.5	9200	2800	NA	NC
	9.	Talcher FU/s	6.9	6.6	1.7	2400	490	NA	C
	10.	Talcher U/s	6.7	7.1	1.7	35000	17000	NA	NC
	11.	Mandapal	6.8	6.7	1.6	3500	1700	NA	C
	12.	Talcher D/s	6.8	7.3	1.7	3500	1100	22	C
	13.	Talcher FD/s	6.9	7.3	1.7	4900	2200	NA	C
	14.	Dhenkanal U/s	6.9	6.9	1.6	2400	1300	NA	C
	15.	Dhenkanal D/s	6.8	6.6	1.7	3500	1700	NA	C
	16.	Bhuban	6.8	7.0	1.6	17000	3300	NA	NC
	17.	Kabatabandha	7.4	7.0	1.6	9200	3500	NA	NC
	18.	Dharmasala U/s	7.5	7.2	1.5	9200	2400	NA	C
	19.	Dharmasala D/s	7.4	7.3	1.6	16000	5400	NA	NC
	20.	Pottamundai	7.8	6.4	1.7	1100	700	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	7.4	6.9	1.5	16000	9200	NA	NC
	22.	Binjharpur	7.4	7.0	1.6	16000	9200	NA	NC
	23.	Ali	7.9	6.8	1.5	2800	1300	NA	C
Nandira jhor	24.	Nandira U/s	7.6	6.9	1.6	3500	2400	NA	C
	25.	Nandira D/s	7.1	6.7	1.9	54000	17000	170	NC
	26.	Paranga MIP	6.9	6.2	1.6	1700	330	NA	C
Kisindajhor	27.	Kisindajhor	7.1	7.4	1.6	54000	22000	NA	NC
Sankh	28.	Sankh U/s	7.3	6.4	1.4	790	230	NA	C
Mandiakudar	29.	Mandiakudar	6.5	6.8	1.6	1300	490	NA	C
Koel	30.	Koel U/s	7.3	6.9	1.5	4900	2300	NA	C
Jhirpani	31.	Jhirpani	6.6	6.7	1.4	2800	1100	NA	C
Guradih nallah	32.	Rourkela (before confluence with Brahmani River)	6.8	4.6	4.7	160000	92000	240	NC
Gohira	33.	Gohira Bridge	6.7	5.4	1.5	1300	330	NA	C
Tikera	34.	Talabahal	6.6	6.8	1.7	1300	490	NA	C
Badajhor	35.	Badajhor	7.2	7.5	1.5	3500	1700	NA	C
Damsala	36.	Dayanabil	7.5	6.5	1.7	9200	3500	NA	NC
Gondanallah	37.	Marthapur	7.4	7.0	1.8	16000	5400	NA	NC
Karo	38.	Barbil	7.6	6.9	1.5	3500	1700	NA	C
Lingira	39.	Lingira U/s	7.3	7.5	1.6	790	330	NA	C
	40.	Lingira D/s	7.4	7.0	1.7	3500	1100	NA	C
	41.	Lingira FD/s	7.5	7.1	1.7	2800	1700	NA	C
Ramiala	42.	Kamakhyanagar	7.5	6.8	1.4	2400	1300	NA	C
Bangurunallah	43.	Bangurunallah	6.6	7.0	1.6	54000	17000	280	NC
Singadajhor	44.	Singadajhor	7.3	6.8	1.7	16000	9200	NA	NC
Tikira	45.	Kaniha U/s	7.6	6.2	1.5	2200	1400	NA	C
	46.	Kaniha D/s	7.5	6.4	1.6	4900	3300	NA	NC
Banguru-singadajhor	47.	Bangurusingadajhor	7.5	6.7	1.5	2200	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)	-

(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	7.4	7.7	1.6	2200	790	NA	C
Kusei	2	Deogaon	7.5	7.3	1.8	2200	940	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	7.8	7.8	1.6	1300	330	NA	C
	4	Unchabali	7.7	7.4	1.4	2200	490	NA	C
	5	Champua	7.5	7.6	1.7	2400	790	NA	C
	6	Tribindha	7.5	8.3	1.6	1400	700	NA	C
	7	Joda	7.5	7.6	1.7	3500	1100	NA	C
	8	Anandpur	7.6	9.6	1.8	2800	1700	NA	C
	9	Jajpur	7.3	7.1	1.5	92000	54000	NA	NC
	10	Chandbali U/s	8.4	7.1	1.6	2400	490	NA	C
	11	Chandbali D/s	8.2	7.6	1.8	3500	1300	NA	C
Dhamra	12	Dhamra	7.6	7.5	1.7	2400	790	NA	C
Salandi	13	Bhadrak U/s	8.1	7.1	1.5	2400	490	NA	C
	14	Bhadrak D/s	7.9	6.5	1.7	3500	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

(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	7.4	7.6	1.6	1300	330	NA	C
Badanadi	2	Aska	7.7	7.7	1.7	1100	330	NA	C
Rushikulya	3	Aska	7.6	7.8	1.6	790	220	NA	C
	4	Nalabanta	7.6	7.9	1.5	330	130	NA	C
	5	Madhopur	7.7	8	1.7	790	170	NA	C
	6	Potagarh	7.9	7.3	1.6	330	110	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)	-

(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	7.7	7.9	1.8	3500	1400	NA	C
	2	Jharapokharia (Pandra)	7.6	7.6	1.6	2800	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)	-

(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	7.5	8.3	1.7	35000	7900	79	NC
	2	Balasore U/s	7.6	8.9	1.8	35000	13000	NA	NC
	3	Balasore D/s	7.6	7.2	1.9	28000	14000	NA	NC
	4	Saslapal (Bangiriposi)	7.7	5.6	1.7	9200	2200	NA	C
	5	Hatiagond (Sone)	7.6	6.6	1.6	9200	3500	NA	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 (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	7.8	7.4	1.5	490	130	7.8	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	7.5	6.8	1.5	3500	1100	NA	C
	2	Jaykaypur D/s	7.5	6.9	1.7	1700	330	27	C
	3	Rayagada D/s	7.4	7	1.6	3500	1300	49	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	7.4	6.6	1.4	1300	330	NA	C
	2	Gunupur	7.5	6.7	1.8	2200	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

(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	7.3	7.0	1.5	1700	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)	-

(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	6.9	1.4	1700	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 (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	7.4	7.3	1.5	790	330	NA	C
	2.	Patsala River at Gupti	7.5	6.1	1.5	2200	1100	NA	C
	3.	Hansua river at Barunei	7.4	7.3	1.5	1700	1100	NA	C
	4.	Dhamra River at Kalibhanjadia	7.3	6.9	1.4	2200	790	NA	C
	5.	Bhitarkanika River at Dangamala	7.6	6.2	1.7	3500	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)	-

Coastal water Quality during July, 2025

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	8.2	7.8	1.7	<1.8	<1.8	C
Swargadwara (Puri)	8.2	7.8	1.7	<1.8	<1.8	C
Pardeep sea	7.9	4.9	1.5	<1.8	<1.8	NC
Class SW-II (bathing, contact water sports and commercial fishing)	6.5-8.5	5.0, min	3.0, max	-	100	

NA- Not Analysed

Office of the Engineer-in-Chief, Water Resources, Odisha
Secha Sadan, Bhubaneswar – 751 001

No.HH, GIS & CEM-149/23 23579 /WE

Dt. 8/8/25

From

Er. Abinash Roul, OES
Chief Engineer, HH, GIS & CEM

To

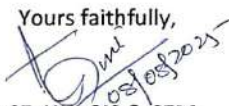
The Special Secretary to Government,
DoWR, Odisha, Rajiv Bhawan, Bhubaneswar

Sub: Monthly Progress Report on NGT matter- OA No. 606/2018 for the month of July-2025.

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 July-2025 for favour of kind information and necessary action.

Encl: As above

Yours faithfully,

CE, HH, GIS & CEM

Memo No. 23580 /WE

Dt. 8/8/25

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

Encl: As above.


CE, HH, GIS & CEM

Memo No. 23581 /WE

Dt. 8/8/25

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.


CE, HH, GIS & CEM

Monthly Progress Report on Hon'ble NGT O.A. No.606 / 2018 for the month of July- 2025

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 (Upto 07/2025)	359	133	4071	2615

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(Upto 07/2025)	487	296

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(Upto 07/2025)	54
Total check dams as on 07/2025	16891

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	July, 2025	15	17	1.134
2	June, 2025	22	31	1.409
3	May, 2025	0	0	0
4	April, 2025	0	0	0
5	March, 2025	0	0	0
6	February, 2025	0	0	0
7	January, 2025	31	42	1.35
8	December, 2024	31	48	1.54
9	November, 2024	15	27	0.9
10	October, 2024	0	0	0
11	September, 2024	8	30	3.75
12	August, 2024	4	17	4.25

Chief Engineer
HH, GIS & CEM

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

No. HH, GIS & CEM-GEN-132/24

Date: 07-08-25

From,

Chief Engineer, HH, GIS & CEM.

To,

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

Sub: Monthly Progress Report in the NGT matter-OA No. 673/2018 for the month of July-2025.

Sir,

With reference to the above cited subject, it is to furnish herewith the Monthly Progress Report in the NGT matter- OA No. 673/2018 for the month July-2025 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 July-2025 (01.07.2025 to 31.07.2025), is enclosed for your kind perusal.

Encl: As above.

Yours faithfully,

Chief Engineer, HH, GIS & CEM

Memo No.

23421

Date

07-08-25

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

Chief Engineer, HH, GIS & CEM

Memo No.

23422

Date

07-08-25

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.

Chief Engineer, HH, GIS & CEM

Memo No.

23423

Date

07-08-25

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.

Chief Engineer, HH, GIS & CEM

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 -July,2025					
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 July 742 Nos. in Private Buildings and 02nos. In GW budget.	
		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	upto July 122 Nos. in ARUA Scheme 02nos. In GW budget.	

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 -July,2025					
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. & cumulative 04 Nos.	
			2025-26	During July 01 no. & cumulative 10 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 17 cusec water release to Gangua Nallah through Palasuni Escape from 01.07.2025 to 31.07.2025.
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 -July,2025					
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 July 742 Nos, in Private Buildings and 02nos. In GW budget.	
		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	upto July 112 Nos. in ARUA Scheme and 02nos. In GW budget.	

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 -July,2025					
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. & cumulative 04 Nos.	
			2025-26	During july 01 no. & cumulative 10 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 -July,2025					
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	upto july, 119 nos. on pvt. 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	

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 -July,2025					
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
			2024-25	08 nos. through ARUA Scheme	
			2025-26	upto july 08 Nos.in ARUA Scheme.	
		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. & cumulative 23 Nos.	
			2025-26	During July Nil & cumulative 29 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 seedlings have 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 - July, 2025					
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	upto july, 119 nos. on pvt. 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	upto july 08 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 -July,2025					
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, 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	During July Nil & cummulative 29 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 seedling have 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 -July,2025					
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	upto july 77nos. in CHHATA Scheme on pvt. Building and 02 nos in Govt. Building.	
			2019-20	Nil	
			2020-21	Nil	
			2021-22	20 nos.	

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 -July,2025

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
		Ground Water Recharge through construction of Recharge shaft in tanks and ponds	2022-23	26 nos. in GW budget & 7 nos. in ARUA Scheme	In Puri Dist.
			2023-24	6 nos. in GW budget & 7 nos. in ARUA Scheme	
			2024-25	7 nos. in ARUA Scheme	
			2025-26	upto july 2025 Nil. in ARUA Scheme	
		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	
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 -July,2025					
6. Name of the Polluted River Stretch :- Nagavalli (JK Pur to Rayagada)					
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	Nil	In Rayagada Dist.
			2019-20	Nil	
			2020-21	Nil	
			2021-22	Nil	
			2022-23	Nil	
			2023-24	Nil	
			2024-25	Nil	
			2025-26	Nil	
		Ground Water Recharge through construction of Recharge shaft in tanks and ponds	2019-20	Nil	
			2020-21	Nil	
			2021-22	Nil	
			2022-23	Nil	
			2023-24	Nil	
			2024-25	Nil	
			2025-26	Nil	
			2019-20	833 nos. upto March, 2020	
			2020-21	Nil	
			2021-22	2 nos.	

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 -July,2025					
6. Name of the Polluted River Stretch :- Nagavalli (JK Pur to Rayagada)					
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	2022-23	9 nos.	In Rayagada Dist.
			2023-24	25 Nos.	
			2024-25	During February 01 no., & cumulative 30 Nos.	
			2025-26	During July nil. & cumulative 33 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	5160 no of saplings have been planted in Rayagada Dist. by Rayagada Minor Irrigation Division during monsoon of 2018.	During Monsoon 2018.		By Rayagada Minor Irrigation Divn.

Month -July,2025

7. 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	
		Ground Water Recharge through construction of Recharge shaft in tanks and ponds	2025-26	08 nos. in Govt. Building & 147 nos. in Private Building	In Cuttack Dist.
			2019-20	5 nos.	
			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	8 Nos.	
			2019-20	699 nos. upto March, 2020	
			2020-21	8 nos.	
			2021-22	2 nos.	
			2022-23	14 nos.	

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 -July,2025					
7. Name of the Polluted River Stretch :- Kathajodi (Cuttack to Uralli)					
SI 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 Construction of Check Dam	4 2023-24 2024-25 2025-26	5 40 Nos. During february nil. & cummulative 63 Nos During July nil. & cummulative 74 Nos	6 In Cuttack Dist.
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 -July,2025					
B. Name of the Polluted River Stretch :- Serua River (Khandaeta to Sankhatrasa, Cuttack)					
SI 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	08 nos. in Govt. Building & 147 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 ARIJA Scheme.	
			2024-25	4nos. in GW budget.	
			2025-26	08 Nos.	

Month -July,2025

B. 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 February nil & cumulative 63 Nos	
			2025-26	During July nil & cumulative 74 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 saplings & 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.

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 -July,2025					
9. Name of the Polluted River Stretch :- Ratmachira (Along Bhubaneswar, 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:	Rotational water supply in Sukhigopal Branch Canal, Puri Main Canal & Gobardhanpur Barrage 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	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	77 nos. on Private Building and 82 nos 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 ARIIA Scheme	
			2023-24	6 nos. in GW budget & 7 nos. in ARIIA Scheme	
			2024-25	7 Nos.	
			2025-26	Nil.	

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 -July,2025					
9. Name of the Polluted River Stretch :- Ratnachira (Along Bhubaneswar, 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	
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


ADD, CEM-II


DD, CEM-I


AD, CEM


DIRECTOR, CEM


Chief Engineer, HLGIS & CEM

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

Date	Discharge in Cusec.
01.07.2025	0
02.07.2025	0
03.07.2025	0
04.07.2025	0
05.07.2025	0
06.07.2025	0
07.07.2025	0
08.07.2025	0
09.07.2025	0
10.07.2025	0
11.07.2025	0
12.07.2025	0
13.07.2025	0
14.07.2025	0
15.07.2025	0
16.07.2025	1
17.07.2025	0
18.07.2025	2
19.07.2025	2
20.07.2025	1
21.07.2025	1
22.07.2025	1
23.07.2025	1
24.07.2025	1
25.07.2025	1
26.07.2025	1
27.07.2025	1
28.07.2025	1
29.07.2025	1
30.07.2025	1
31.07.2025	1

R. Mahanta
31.7.2025
Assistant Engineer
Section - III, Bhubaneswar Irr. Sub-Divn.

P. Kumar
31.7.25
Assistant Executive Engineer
Bhubaneswar Irrigation Sub-Division

Recharge of Ground Water through Ground Water Recharge Structures(GWRs) & RWS (Up To 31/07/2025)

GW BUDGET (RECHARGE SHAFTS)						
Sl. No.	District	BLOCK	Recharge Shaft programmed during the FY- 2025-26	Recharge Shaft constructed during the FY- 2025-26 (Up to 31/07/2025)	RRWS during the FY 2025-26	RRWS constructed during the FY 2025-26 (up to 31/07/2025)
1	Angul	TALCHER				
2	Balangir				6	
3	Balasore	BALUPAL				
4	Bargarh					
5	Bhadrak					
6	Boudh					
7	Cuttack					
8	Deogarh					
9	Dhenkanal					
10	Gajapati					
11	Ganjam	GANJAM				
		ASKA				
12	Jagatsinghpur					
13	Jepur	SONAHARPUR				
		KOREI	12	12		
			12	12		
14	Jharsuguda					
15	Kalahandi					
16	Kandhamal					
17	Kandrapara	GARADPUR				
18	Kanungur					
19	Khordha	BHUBANESWAR				
		BOLAGARH			2	2
		KHURDA			2	2
		BALUPATNA	18	18	2	1
20	Koraput					
21	Malkangiri					
22	Mayurbhanj					
23	Nabarangpur					
24	Nayagarh	NAYAGARH				
25	Nuapada	NUAPADA				
26	Puri	KAKATPUR				
27	Raigarh					
28	Sambalpur					
29	Jharsuguda	JHARSUGUDA				
30	Sonepur	SONEPUR				
31	Sundergarh	BISRA				
	TOTAL:		42	42	14	13


4/8/25
Personal Asst. (T) to
Director, GWD,
Bhubaneswar

Roof Top Rain Water Harvesting in Govt. Buildings and Private Buildings (Up To 31/07/2025)

CHNATA SCHEME(RRHS) IN 27 ULBs						
S/N	DISTRICT	BLOCKS	RRHS IN GOVT. BUILDING	Constructed during the FY-2025-26 (Upto 31/07/2025)	RRHS IN PVT. BUILDING	Constructed during the FY-2025-26 (Upto 31/07/2025)
1	Angul	Anugul	10		66	44
2	Angul	Talcher	2		10	
3	Dhenkanal	Dhenkanal	10		358	275
4	Bargarh	Bargarh	3		143	16
5	Bargarh	Padmapur	5		85	54
6	Bargarh	Barpali	2		103	43
7	Bolangir	Bolangir	4		143	42
8	Bolangir	Tiragarh	2		149	91
9	Subarnapur	Tarava	1		30	7
10	Subarnapur	Sonepur	5		101	89
11	Cuttack	Cuttack	10	8	139	147
12	Kendrapada	Kendrapada	6	5	75	71
13	Kendrapada	Pattamundai	6	5	109	94
14	Ganjam	Aska	6		0	
15	Ganjam	Digapahandi	3		142	108
16	Ganjam	Hinjikote	3		160	95
17	Ganjam	Berhampur	9	9	0	
18	Jharsuguda	Jharsuguda	7	4	127	75
19	Sambalpur	Sambalpur	9	4	166	51
20	Sundargarh	Rourkela	11		177	119
21	Keonjhar	Joda	6		227	53
22	Mayurbhanj	Baripada	9		206	184
23	Khurda	Khurda	7	7	125	
24	Khurda	Bhubaneswar	0		810	742
25	Nabarangapur	Nabarangapur	6	6	163	74
26	Nayagarh	Nayagarh	8		196	61
27	Puri	Puri	8	0	251	77
	TOTAL:		159	48	4071	2615


 4/8/25
 Personal Asst. (T) to
 Director, GWD,
 Bhubaneswar

Recharge of Ground Water through Ground Water Recharge Structures(GWRS) in the Tanks/Ponds of the State(No. of Tanks/Ponds (Up To 31/07/2025))

ARUA SCHEME(RECHARGE SHAFTS)				
S/N	District	BLOCKS	Recharge Shaft programmed during the FY-2025-26	Recharge Shaft constructed during the FY-2025-26 (Up to 31/07/2025)
1	Angul	Talcher	2	2
2	Puri	Kakatpur	7	
3	Nayagarh	Nayagarh	8	
4	Khurda	Khurda	8	8
5	Khurda	Bhubaneswar	48	48
6	Khurda	Bolagarh	48	48
7	Khurda	Balipatna	8	8
8	Kendrapara	Garadpur	54	54
9	Jajpur	Korei	56	56
10	Jagatsinghpur	Kujanga	9	8
11	Kendrapara	Patamunda	7	7
12	Jajpur	Binjharpur	4	4
13	Cuttack	Cuttack sadar	10	8
14	Jajpur	Rasulpur	0	
15	Jajpur	Jajpur	8	
16	Jajpur	Dasarathpur	7	7
17	Bhadrak	Dhamnagar	7	
18	Mayurbhanj	Rasgovindpur	8	
19	Bargarh	Jharbandha	7	
20	Bhadrak	Bhandarpokhari	8	
21	Balasore	Bahanga	8	
22	Mayurbhanj	Badasahi	8	
23	Balasore	Remuna	8	
24	Keonjhar	Joda	8	
25	Balasore	Balipal	52	
26	Nuapada	Nuapada	45	22
27	Bolangir	Loisinga	5	
28	Bargarh	Bargarh	7	
29	Subarnapur	Sonepur	8	
30	Bargarh	Bhatli	8	
31	Sundergarh	Bira	8	
32	Jharsuguda	Jharsuguda	8	8
TOTAL			487	296


 Personal Asst. (T) to
 Director, GWD,
 Bhubaneswar

43	Baragarh	Baragarh	8	
44	Baragarh	Sohela	13	
45	Bolangir	Lalsingha	7	
46	Bolangir	Bolangir	5	
47	Nuapada	Nuapada	4	4
48	Mayurbhanj	Rasagobindapur	6	
49	Mayurbhanj	Badsahi	10	10
50	Mayurbhanj	Sukruli	1	
51	Mayurbhanj	Udala	2	
52	Mayurbhanj	Betonati	3	
	TOTAL:-		203	85


 4/8/23
 Personal Asst. (T) to
 Director, GWD,
 Bhubaneswar

DISTRICT WISE LIST OF COMPLETED CHECK DAMS (UPTO THE MONTH OF JULY 2025) RELATING TO MI										
SL. NO.	DISTRICT	New Sanctioned Check Dams during 2021-22								
		2025-26								
		Nos. of sanctioned projects	Area benefitted in Ha	A/A accorded	No. of check dams completed			Area Benefitted in Ha.		
No. of check dams completed by June 2025	During the Month of July 2025				Total Completed	Area Benefitted by June 2025 in Ha.	During the Month of July 2025	Total Ayacut created		
1	Angul	48	1041	43	39.00		39	1092		1092
2	Balangir	47	1148	108	70.00	9	79	1895	214	2109
3	Balasore	17	232	17	17.00		17	346		346
4	Bargarh	44	927	42	33.00		33	864		864
5	Bhadrak	7	230	6	3.00		3	59		59
6	Boudh	130	2938	100	94.00	2	96	2909	76	2985
7	Cuttack	60	1254	92	74.00		74	1739		1739
8	Deogarh	36	688	39	36.00		36	845		845
9	Dhenkanal	30	571	42	36.00		36	885		885
10	Galapati	55	1234	58	37.00	1	38	1073	30	1103
11	Ganjam	60	1365	62	44.00		44	1332		1332
12	Jagatsinghpur	-	0		-		0	0		0
13	Jalpur	32	826	24	19.00		19	462		462
14	Jharsuguda	30	793	16	13.00	1	14	323	26	349
15	Kalahandi	37	1228	51	31.00	1	32	801	25	826
16	Kandhamal	144	2522	72	66.00		66	1896		1896
17	Kendrapada	23	436	5	5.00		5	129		129
18	Konhar	38	577	20	14.00		14	480		480
19	Khurda	19	278	18	9.00	1	10	211	25	236
20	Koraput	37	781	41	36.00		36	858		858
21	Malangiri	23	631	29	27.00		27	530		530
22	Mayurbhanj	135	2291	95	77.00	1	78	2154	25	2179
23	Nabarangpur	51	1486	40	31.00		31	610		610
24	Nagarjuna	62	997	53	48.00		48	1301		1301
25	Nuapada	8	299	2	2.00		2	38		38
26	Puri	-	0		-		0	0		0
27	Rayagada	29	675	46	33.00		33	877		877
28	Sambalpur	71	1339	86	78.00		78	1721		1721
29	Susarnapur	4	59	12	4.00		4	69		69
30	Sundargarh	31	780.00	36	29.00		29	705		705
	Total	1289	27606	1255	1095	16	1021	26204	421	26625

Subscribed

14.7.2025

AEC(M.L.C.)

18/7/25

09/8/25

(S.E.)



Orissa Water Supply & Sewerage Board

(A Govt. of Odisha Undertaking)

Satyanagar, Bhubaneswar-751007 Phone: (0674)2571185

Email: eicowssb@gmail.com

No. 2164 (NE) dt. 13/08/25
W-02/2021

To

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

Sub.: Furnishing progress report for the month of July 2025 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 July 2025 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,


Engineer-in-Chief, OWSSB

Memo No. 2165 (NE) dt. 13/08/25

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.


Engineer-in-Chief, OWSSB

Memo No. 2166 (NE) dt. 13/08/25

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

Encl.: As above.


Engineer-in-Chief, OWSSB

OA Nos.593,606 & 673 forwarding letter

[PTO]

(NE)
Memo No. 2167 dt. 13/08/25

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

Encl.: As above.

[Signature]
Engineer-in-Chief, OWSSB

(NE)
Memo No. 2168 dt. 13/08/25

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.

[Signature]
Engineer-in-Chief, OWSSB

National Mission for Clean Ganga
Monthly Progress Report for the month of July 2025 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):

Sewage, septage and greywater generation in the State

Based on 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 5 sewer cities, (ii) 65% Greywater in non-sewered towns, (iii) 0.21 LPCD of black water (Septage) in non-sewered towns which comes around 780 MLD.

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.

b. In remaining 110 ULBs, decentralized non-sewer approach has been adopted for liquid waste management. The Faecal Sludge from onsite sanitation system are collected and transported mechanically and are treated in FSTPs in all the 110 ULBs. Further, FSTPs have been set up in 5 sewer cities to cater to peri-urban areas and household not connected to sewer.

Total FS generated in 115 ULBs : 1189 KLD (1.189 MLD)

c. Greywater Management is being taken up in all the 110 non-sewered ULBs.

Total Grey Water generated in 110 ULBs : 444.94 MLD

III. Details of Sewage Treatment

The detailed information has been submitted by WATCO separately.

Details of Septage/ Greywater Treatment

- Sewage being treated through alternative technology : [FSM & GWM]
- Total number of FSTPs for treatment of Faecal sludge from onsite systems and Treatment Capacity : 120 FSTPs : 2087.00 KLD (2.087 MLD)
- Grey Water generated : 444.94 MLD
- Capacity of Greywater treatment in WWTP (1 No. at Talcher) : 2 MLD

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

For the five sewerage cities, the detailed information is to be submitted by WATCO separately
Grey Water Management in Odisha

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

For greywater management in the ULBs, initially the pilot project was conducted in 4 geographical areas of two cities- Jatni (M) and Dhenkanal (M). On the basis of learning from the pilot project 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. Scaling up of GWM in all 110 ULBs have been taken up since November 2023.
- c. 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, Hinjilicut, 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.
- d. A state level PMU is constituted to monitor and handhold the grey water management programme in different ULBs of the State.
- e. Household, lane and drain survey data collection is completed in 77 ULBs & under progress for 33 nos. of ULBs. The validation of survey data is under progress by ULBs.
- f. Identification of lands for outfall level intervention is in progress in 110 ULBs.

- g. Construction of lane level intervention is in progress in 11 nos. of Lighthouse ULBs (Angul, Bargarh, Balasore, Chhatrapur, Dhenkanal, Hinjilicut, Jatni, Jajpur, Keonjhar, Koraput & Nayagarh) and outfall level intervention progress in 8 nos. of Lighthouse ULBs (Angul, Dhenkanal, Nayagarh, Balasore, Chhatrapur, Hinjilicut, Jatni and Koraput).
- h. Collection & Testing of Water Sample & Soil Sample from 5 nos. of ULBs of Odisha i.e. Angul, Dhenkanal, Jatni, Hinjilicut, Nayagarh and Jajpur Municipality has been completed and report obtained from SPCB Odisha.

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

**Status of Operational Septage Treatment Plants
(As on Julye,2025)**

Sl. No.	Name of the ULBs	Capacity of SeTP (In KLD)	Remarks
1	Bhubaneswar	75	Completed & commissioned
2	Berhampur	40	-do-
3	Cuttack	60	-do-
4	Rourkela	40	-do-
5	Sambalpur	20	-do-
6	Baripada	50	-do-
7	Balasore	60	-do-
8	Puri	50	-do-
9	Angul	18	-do-
10	Dhenkanal	27	-do-
11	Choudwar	12	-do-
12	Khordha	20	-do-
13	Jatni	20	-do-
14	Bhubaneswar-II	75	-do-
15	Kashinagar	10	-do-
16	Paralakhemundi	20	-do-
17	Aska	10	-do-
18	Sorada	10	-do-
19	Nilagiri	10	-do-
20	Sonepur	10	-do-
21	Bhadrak	30	-do-
22	Paradeep	20	-do-
23	Banki	10	-do-
24	Jharsuguda	40	-do-
25	Barbil	20	-do-
26	Joda	20	-do-
27	Deogarh	10	-do-
28	Kesinga	10	-do-
29	Balangir	30	-do-
30	Kuchinda	10	-do-
31	Rayagada	30	-do-
32	Odongoan	10	-do-
33	Kharlar	10	-do-
34	Belpahar	10	-do-
35	Patnagarh	10	-do-
36	Taicher	20	-do-
37	Sundargarh	20	-do-
38	Hinjilicut	10	-do-
39	Kamakhyanagar	10	-do-

Status of Operational SeTP

Sl. No.	Name of the ULBs	Capacity of SeTP (In KLD)	Remarks
40	Dasapalla	10	Completed & commissioned
41	Khandapada	10	-do-
42	Malkanagiri	20	-do-
43	Brajraj Nagar	30	-do-
44	Karanja	10	-do-
45	Gunupur	10	-do-
46	G.Udayagiri	10	-do-
47	Purushottampur	10	-do-
48	Rairangpur	10	-do-
49	Belliguda	10	-do-
50	Bhawanipatna	20	-do-
51	Kharier Road	10	-do-
52	Bargarh	30	-do-
53	Pattamundai	10	-do-
54	Jeypore	40	-do-
55	Tarbha	10	-do-
56	Phulbani	20	-do-
57	Nimapada	10	-do-
58	Nawarangpur	20	-do-
59	Bijepur	10	-do-
60	Bilika	10	-do-
61	Junagarh	10	-do-
62	Kotapad	10	-do-
63	Jagatsinghpur	20	-do-
64	Hindol	10	-do-
65	Biramitrapur	10	-do-
66	Athgarh	10	-do-
67	Gudari	10	-do-
68	Vyasagar	30	-do-
69	Soro	10	-do-
70	Digapahandi	10	-do-
71	Rajgangpur	20	-do-
72	Khalikote	10	-do-
73	Nayagarh	10	-do-
74	Bhanjanagar	10	-do-
75	Chhatrapur	10	-do-
76	Anandpur	10	-do-
77	Barpali	10	-do-
78	Athmalik	10	-do-
79	Redhakhol	10	-do-
80	Tusura	10	-do-
81	Padampur	10	-do-

States of Operational SeTP

Sl. No.	Name of the ULBs	Capacity of SeTP (In KLD)	Remarks
82	Titilagarh	10	-do-
83	Rambha	10	-do-
84	Ganjam	10	-do-
85	Kantabanjhi	10	-do-
86	Sunabeda	20	-do-
87	Balimela	10	-do-
88	Champua	10	-do-
89	Boudhgarh	10	-do-
90	Gopalpur	10	-do-
91	Attabira	10	-do-
92	Chakuli	10	-do-
93	Basudevpur	10	-do-
94	Ranpur	10	-do-
95	Kendrapara	20	-do-
96	Dhamnagar	10	-do-
97	Buguda	10	-do-
98	Konark	10	-do-
99	Kabisuryanagar	10	-do-
100	Kodala	10	-do-
101	Keonjhar	30	-do-
102	Pipili	10	-do-
103	Umerkote	10	-do-
104	Polasara	10	-do-
105	Chandbali	10	-do-
106	Udala	10	-do-
107	Jaleswar	10	-do-
108	Bhuban	10	-do-
109	Banapur	10	-do-
110	Bellagantha	10	-do-
111	Balugaon	10	-do-
112	Jajpur	20	-do-
113	Dharmagarh	10	-do-
114	Remuna	20	-do-
115	Koraput	20	-do-
	Total	1972	-do-

INFORMATION ON STATUS OF STPs (OPERATIONAL & UNDER CONSTRUCTION)

As on July 2025

Sr.	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/DB/ SBR/MBR/ FAD Etc)
1	2	3	4	5	6	7	8	9
1	Bhubaneswar	1	Koliat	20.22° 85.84°	Commissioned on 31.11.2022	To be provided by WATCO	48	ASP
		1	Meherpali	20.28° 85.86°	commissioned during Dec-2020		50	SBR
		1	Bansighal	20.233° 85.81°	commissioned during Dec-2020		28	SBR
		1	Kochilaput	20.21° 85.80°	commissioned during Dec-2020		45.1	SBR
		1	Palaipuri	20.20° 85.75°	commissioned during Dec-2020		8	SBR
2	Cuttack	1	Mataspur	20.63° 85.95°	Commissioned since 01.03.2022		28	ASP
		1	CDA	20.46° 85.85°	Dec-2018		36	ASP
		1	Margapur	20.52° 85.93°	June-2006		33	Waste Stabilization Pond
3	Puri	1	Mungilaghut	19.81° 85.79°	June-2013		13	Aerated Lagoon
		1	Baramahal	19.72° 85.83°	Feb-1995		12	Waste Stabilization Pond
4	Sambalpur	1	Dhanupali	21.43° 85.98°	Commissioned During Dec-22		40	SBR
5	Baunkila	1	Saighal	22.21° 84.80°	Commissioned during Feb-2021		40	SBR
6	Talcher	1	Mandipal	19.25° 85.26°	Feb-2018		2	Waste Stabilization Pond
Total capacity		18					475.50	

City wise bifurcation of Data submitted to NGT as appearing in NGT order no. 606/2018

Sl. No.	State	Odisha						Remarks
	Name of ULB/City	Sewage Generation at present	Grey Water Generation at present	Septage Generation at present	Existing STP (Capacity in MLD)	Existing FSTP (Capacity in KLD)	STP capacity utilization (in MLD)	
1	Anandpur (M)		4.67	11	NA	10	NA	
2	Angul (M)		5.16	12	NA	18	NA	
3	Asika (NAC)		2.53	6	NA	10	NA	
4	Athagad (NAC)		2.04	5	NA	10	NA	
5	Athmalik (NAC)		1.45	3	NA	10	NA	
6	Attabira NAC		1.93	5	NA	10	NA	
7	Balangir (M)		11.59	28	NA	30	NA	
8	Balasore (M)		13.94	33	NA	90	NA	
9	Balimela (NAC)		1.39	3	NA	10	NA	
10	Baliguda NAC		2.2	5	NA	10	NA	
11	Belugaon (NAC)		2.08	5	NA	10	NA	
12	Benki (NAC)		2.07	5	NA	10	NA	
13	Benpur (NAC)		2.04	5	NA	10	NA	
14	Barbi (M)		7.85	19	NA	20	NA	
15	Bargarh (M)		9.51	23	NA	30	NA	
16	Baripeda (M)		12.94	31	NA	50	NA	
17	Barpali (NAC)		2.46	6	NA	10	NA	
18	Basudebpur (M)		3.97	10	NA	10	NA	
19	Belaguntha (NAC)		1.33	3	NA	10	NA	
20	Belpahar (M)		4.6	11	NA	10	NA	
21	Berhampur (MC)		42.05	101	NA	100	NA	
22	Bhadrak (M)		12.67	30	NA	30	NA	
23	Bhanjanagar NAC		2.42	6	NA	10	NA	
24	Bhawaniptaha (M)		8.14	19	NA	20	NA	
25	Bhuban (NAC)		2.62	6	NA	10	NA	
26	Bhubaneswar (MC)	122.04		47	183.50	150	To be provided by WATCO	STP O&M by WATCO
27	Bijapur (NAC)		1.32	3	NA	10	NA	
28	Binka (NAC)		1.86	4	NA	10	NA	
29	Biramitrapur (M)		3.94	9	NA	10	NA	
30	Boudhgarh (NAC)		2.41	6	NA	10	NA	
31	Brajarajnagar (M)		9.48	23	NA	30	NA	
32	Buguda (NAC)		1.79	4	NA	10	NA	
33	Byasanagar (M)		5.77	14	NA	30	NA	
34	Champus NAC		2.02	5	NA	10	NA	
35	Chandbali (NAC)		3.17	8	NA	10	NA	
36	Chhatrapur (NAC)		2.6	6	NA	10	NA	
37	Chikili (NAC)		1.37	3	NA	10	NA	
38	Choudwar (M)		5.05	12	NA	12	NA	
39	Cuttack (MC)	88.57		34	85	60	To be provided by WATCO	STP O&M by WATCO
40	Despalla NAC		2.18	5	NA	10	NA	

State		Odisha						
Sl. No.	Name of ULB/City	Sewage Generation at present	Grey Water Generation at present	Septage Generation at present	Existing STP (Capacity in MLD)	Existing FSTP (Capacity in KLD)	STP capacity utilization (in MLD)	Remarks
41	Deogarh (M)		2.64	6	NA	10	NA	
42	Dhamnagar (NAC)		2.7	6	NA	10	NA	
43	Dhamnagar NAC		1.96	6	NA	10	NA	
44	Dhenkanal (M)		7.95	19	NA	57	NA	
45	Digapahandi (NAC)		1.56	4	NA	10	NA	
46	G. Udayagiri (NAC)		1.33	3	NA	10	NA	
47	Ganjam (NAC)		1.39	3	NA	10	NA	
48	Gopalpur (NAC)		0.85	2	NA	10	NA	
49	Gudari (NAC)		0.82	2	NA	10	NA	
50	Gunupur (M)		2.85	7	NA	10	NA	
51	Hindol NAC		2.05	5	NA	10	NA	
52	Hinjilicut (M)		2.91	7	NA	10	NA	
53	Jagatsinghpur (M)		3.97	9	NA	20	NA	
54	Jaipur (M)		4.42	11	NA	20	NA	
55	Jakeshwar (M)		3.04	7	NA	10	NA	
56	Jatani (M)		6.6	16	NA	20	NA	
57	Jeypore (M)		10	24	NA	40	NA	
58	Jharsuguda (M)		11.53	28	NA	40	NA	
59	Joda (M)		5.5	13	NA	20	NA	
60	Junagarh (NAC)		2.32	6	NA	10	NA	
61	Kabisuryanagar (NAC)		2.06	5	NA	10	NA	
62	Kamakshyanagar (NAC)		1.98	6	NA	10	NA	
63	Kantabanji (NAC)		2.57	6	NA	10	NA	
64	Karanja (NAC)		2.7	6	NA	10	NA	
65	Kashinagar (NAC)		1.14	3	NA	10	NA	
66	Kendrapara (M)		5.54	13	NA	20	NA	
67	Keonjhar (M)		7.15	17	NA	30	NA	
68	Kesinga (NAC)		2.27	5	NA	10	NA	
69	Khalikote (NAC)		1.54	4	NA	10	NA	
70	Khandapada (NAC)		1.07	3	NA	10	NA	
71	Kharlar (NAC)		1.78	4	NA	10	NA	
72	Kharlar Road (NAC)		2.24	5	NA	10	NA	
73	Khordha (M)		5.45	13	NA	20	NA	
74	Kodala (NAC)		1.65	4	NA	10	NA	
75	Konark (NAC)		1.98	5	NA	10	NA	
76	Koraput (M)		5.6	13	NA	20	NA	
77	Kotpad (NAC)		1.93	6	NA	10	NA	
78	Kuchinda (NAC)		1.84	4	NA	10	NA	
79	Makangiri (M)		3.66	9	NA	20	NA	
80	Nabarangapur (M)		3.53	8	NA	20	NA	
81	Nayagarh (M)		2.01	5	NA	10	NA	
82	Nilagiri (NAC)		2.04	5	NA	10	NA	
83	Nimapara (NAC)		2.27	5	NA	10	NA	
84	Nuapada NAC		1.91	5	NA	10	NA	
85	Odagaon (NAC)		1.41	3	NA	10	NA	

Sl. No.	State	Odisha						Remarks
	Name of ULB/City	Sewage Generation at present	Grey Water Generation at present	Septage Generation at present	Existing STP (Capacity in MLD)	Existing FSTP (Capacity in KLD)	STP capacity utilization (in MLD)	
86	Padmapur NAC		2.08	5	NA	10	NA	
87	Paradeep (M)		8.09	19	NA	20	NA	
88	Paralakhemundi (M)		5.24	13	NA	20	NA	
89	Patnagarh (NAC)		2.48	6	NA	10	NA	
90	Pattamundai (M)		4.31	10	NA	10	NA	
91	Phulabani (M)		4.41	11	NA	20	NA	
92	Pipili (NAC)		2.08	5	NA	10	NA	
93	Polasara (NAC)		2.73	7	NA	10	NA	
94	Puri (M)	29.11		11	25	50	To be provided by WATCO	STP O&M by WATCO
95	Purusottampur (NAC)		1.81	4	NA	10	NA	
96	Rairangpur (M)		3.01	7	NA	10	NA	
97	Rajagangapur (M)		6.06	14	NA	20	NA	
98	Rambha (NAC)		1.43	3	NA	10	NA	
99	Ranpur (NAC)		1.74	4	NA	10	NA	
100	Rayagada (M)		8.4	20	NA	30	NA	
101	Redhakhol (NAC)		1.81	4	NA	10	NA	
102	Remuna (NAC)		3.94	9	NA	20	NA	
103	Rourkela (MC)	44.95		17	40	40	To be provided by WATCO	STP O&M by WATCO
104	Sambalpur (MC)	48.73		19	40	60	To be provided by WATCO	STP O&M by WATCO
105	Senapur (M)		2.45	6	NA	10	NA	
106	Sero (M)		3.84	9	NA	10	NA	
107	Sunabeda (M)		5.94	14	NA	20	NA	
108	Sundargarh (M)		5.31	13	NA	20	NA	
109	Surada (NAC)		1.75	4	NA	10	NA	
110	Talcher (M)		4.82	12	NA	20	NA	
111	Tarbha (NAC)		0.98	2	NA	10	NA	
112	Tilthagarh (M)		3.69	9	NA	10	NA	
113	Tusura NAC		1.25	3	NA	10	NA	
114	Udala (NAC)		1.55	4	NA	10	NA	
115	Umerkote (M)		3.42	8	NA	10	NA	
		333.40	444.94	1189	373.50	2087.00	To be provided by WATCO	
		MLD	MLD	KLD	MLD	KLD	MLD	



OFFICE OF THE MANAGING DIRECTOR, WATCO

Telefax: - +91-674-2571444, E-mail - mdwatcoodisha@gmail.comNo. 5988 Dt. 16/8/2025

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 July'2025 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 July'2025 are furnished herewith for information & necessary action.

Encl: As above.

Yours faithfully,


Managing Director, WATCO.
Memo No. 5989 / Dated. 16/8/25

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.


Managing Director, WATCO
Memo No. 5990 Dt. 16/8/25

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


Managing Director, WATCO.

OA No. 593/2017 of Hon'ble NGT
FORMAT FOR SEWAGE MANAGEMENT IN ODISHA

(As on July ' - 2025)

Sl.	Action Point	A	B	C= B-A	D
		Existing Status	Desired/	Gap	Timeline
1	Estimated Sewage Generation (In MLD)	Bhubaneswar : 122.04	183.5	61.46	Rokat – Jun-27
					Meherpali -Jun-27
					Basuaghai-Jun-27
					Paikerapur-Jun-27
					Kochilaput Jun-27
		Cuttack : 88.57	101.51	12.94	Jun-27
		Sambalpur : 48.73	55.86	7.13	Oct-27
		Rourkela : 44.95	51.52	6.57	Oct-27
		Puri : 29.11	33.37	4.26	
		Total : 333.4	425.76	92.36	
2	Treatment Capacity				
a.	STP	Bhubaneswar : 183.50	183.50	0	Commissioned on 31.12.2022
		Cuttack 85.00	101.51	16.51	-
		Sambalpur 40.00	55.86	15.86	Commissioned during Dec.2022
		Rourkela : 40.00	51.52	11.52	-
		Puri 25.00	33.37	8.37	-
		Total 373.50	425.760	55.793	
b.	Septage	N/A			
3	Status of Sewerage System (in KM)	Bhubaneswar			
		Bhubaneswar 1116.022	1116.522	0.5	Jul-25
		Existing sewerage network			
		Bhubaneswar 21.18	449.53	428.35	
		Bhubaneswar 39.67	291.35	251.68	
		Slum area			
		Cuttack 428.05	428.05	0	Completed
		Sambalpur 94.35	260.28	165.93	Dec-25
		Rourkela 173.06	194.42	21.36	Dec-25
		Puri 128	128	0	Completed
		Total (in KM): 2000.332	2868.152	867.82	
4	No. of STP	Bhubaneswar 5	5	0	Commissioned on 31.12.2022
		Cuttack 3	3	-	-
		Sambalpur 1	1	0	Commissioned
		Rourkela 1	1	-	
		Puri 2	2	-	-
		Total 12	12	0	-

5	Has bulk users identified for reuse of treated water such as Industrial Clusters, Metro Rail, India Railways, Infrastructure Projects, Agriculture,	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.	-	-	-	-

INFORMATION ON STATUS OF STPs (OPERATIONAL & UNDER CONSTRUCTION)

As on July 2025								
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	<u>20.33°</u> 85.84°	Commissioned on 31.12.2022	Operational	48	ASP
		1	Meherpalli	<u>20.26°</u> 85.86°	commissioned during Dec.-2020	Operational	56	SBR
		1	Basuaghai	<u>20.233°</u> 85.85°	commissioned during Dec.-2020	Operational	28	SBR
		1	Kochilaput	<u>20.21°</u> 85.80°	commissioned during Dec.-2020	Operational	43.5	SBR
		1	Paikarapur	<u>20.26°</u> 85.75°	commissioned during Dec.-2020	Operational	8	SBR
2	Cuttack	1	Matgajpur	<u>20.43°</u> 85.93°	Commissioned since 01.03.2022	Operational	16	ASP
		1	CDA	<u>20.46°</u> 85.85°	commissioned during Dec.-2018	Operational	36	ASP
		1	Matgajpur	<u>20.43°</u> 85.93°	commissioned during June-2006	Operational	33	Waste Stabilization Pond
3	Puri	1	Mangalaghat	<u>19.81°</u> 85.79°	commissioned during June-2013	Operational	15	Aerated Lagoon
		1	Bankimuhan	<u>19.79°</u> 85.83°	commissioned during Feb.,1995	Operational	10	Waste Stabilization Pond
4	Sambalpur	1	Dhanupalli	<u>21.43°</u> 83.98°	Commissioned	Operational	40	SBR
5	Rourkela	1	Balughat	<u>22.21°</u> 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 July ' 2025)

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)		Information not available with WATCO	
	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		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 : Rokati –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	73.5	48.54
Cuttack	88.57	43.06	45.51
Sambalpur	48.73	25	23.73
Rourkela	44.95	17.1	27.85
Puri	29.11	22	7.11
Total	333.4	180.66	152.74

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 333.4
2	a	Quantity of Sewage treated in the State(In MLD)
		Bhubaneswar 73.5
		Cuttack 43.06
		Sambalpur 22
		Puri 25
		Rourkela 17.10
		Total 180.66
3	a	Existing Coverage of Sewerage network (In Km)
		Bhubaneswar 1176.87
		(444 km old +672.022 existing +21.18 left out areas +39.67 slum area km new)
		Cuttack 428.05
		(68.20 old + 359.85 new)
		Sambalpur 94.35
		Rourkela 173.06
		Puri 128.00
		Total 2000.332 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 ?
	c	If not, please provide the timeframe by which all sewage generated in the State shall be treated
		Bhubaneswar : Rokati -June-2027, Meherapalli, Basuaghai, Paikerapur & Kochillaput - June-2027, b) Cuttack Matagaipur(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	No
	b	Odisha is having only one full-fledged sewerage system at Puri where 100% of sewage is collected through the sewerage network.
	c	During June-2027 in respect of 5 ULBs i.e. Puri, Bhubaneswar, Cuttack, Rourkela and Sambalpur
8	a	Yes
	b	Information is under collection
	c	No
	d	Nil
	e	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	Yes
	b	A part of the wastewater from STP at Cuttack, Bhubaneswar, Rourkela, sambalpur is reused for plants & lawns developed both inside & outside the plant.
	c	5% of wastewater is being reused
	d	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 Municipa Corporation Area.

694 Date 27/7/2020 (109)



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

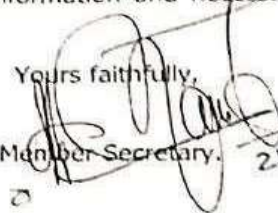
No. 3297 (W-18/2015 (2)) dt. 22-07-2020

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

Sub: Compliance of 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.

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.

Member Secretary. 21/07/20

Encl: As above.

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. 21/07/20

Memo No. 3300/OWSSB Date. 22-07-2020
Copy forwarded the Project Director, PMC, OWSSB, Cuttack for information and necessary action.

Member Secretary. 21/07/20

Annexure-13

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 July, 2025)

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 (January-December) & 2025 (Upto July) 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 ₄ ³⁻ -P (total), mg/L	TC	FC
							MPN/100ml	
2022 (January-December)	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 (January-December)	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 (January-December)	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)
During 2025								
January, 2025	7.3	4.7	36.0	18.0	1.68	0.678	<1.8	<1.8
February, 2025	7.2	5.7	39.0	12.0	2.24	0.754	<1.8	<1.8
March, 2025	7.4	4.7	23.0	21.0	1.12	0.995	<1.8	<1.8
April, 2025	7.5	3.8	19.0	17.0	4.48	1.725	<1.8	<1.8
May, 2025	7.1	4.7	23.0	10.0	1.12	0.803	<1.8	<1.8
June, 2025	7.2	7.3	34.0	12.0	2.24	1.891	<1.8	<1.8
July, 2025	7.2	3.2	12.0	13.0	1.12	1.535	<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 (Jan-Dec), 2025 (upto July) 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 ₄ ³⁻ - 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)
During 2025								
January, 2025	7.3	3.4	32.0	14.0	4.48	0.524	<1.8	<1.8
February, 2025	7.3	6.6	45.0	13.0	4.48	0.829	<1.8	<1.8
March, 2025	7.3	4.7	29.0	14.0	4.48	0.823	<1.8	<1.8
April, 2025	7.7	4.1	19.0	14.0	3.92	2.280	<1.8	<1.8
May, 2025	7.2	4.2	19.0	11.0	3.36	0.801	2400	1300
June, 2025	7.3	8.0	34.0	11.0	2.8	1.406	<1.8	<1.8
July, 2025	7.3	4.3	20.0	11.0	5.6	1.604	170	110
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 (july, 2025)

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	3.7	24.0	24.0	160000	160000
2	Wastewater discharge to Kathajodi river at CDA-Bidanasi area	7.2	4.0	24.0	15.0	92000	54000
3	Wastewater discharge to Kathajodi river at Khannagar	7.2	90.0	160.0	59.0	160000	160000

The annual average and range of quality of Wastewater discharged through Khan nagar sluice gate to Kathajodi river during 2022, 2023, 2024 (Jan-Dec) & 2025 (upto July) 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
During 2025						
January, 2025	6.8	43.0	98.0	76.0	>160000	>160000
February, 2025	7.2	93.0	272.0	97.0	160000	160000
March, 2025	6.9	82.0	194.0	67.0	160000	160000
April, 2025	7.4	43.0	115.0	62.0	160000	160000
May, 2025	7.1	53.0	155.0	46.0	160000	160000
June, 2025	7.2	83.0	171.0	62.0	160000	160000
July, 2025	7.2	90.0	160.0	59.0	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 July, 2025 is given below. BOD in both Kathajodi river and Serua river along Cuttack remains above 3.0 mg/L under the priority category V.

Polluted River stretch: July, 2025

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	6.8	3.8	3.8	35000	24000	79	NC
	Cuttack FD/s at Mattagajpur	7.1	6.1	2.9	160000	160000	94	NC
2. Serua River (Khandaeta to Sankhatrasa) (Priority-V)	Cuttack FD/sat Sankhatrasa	7.3	5.2	3.3	160000	92000	240	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)	

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 overburden	• Deployment of ripper dozer to minimize dust generation • Water sprinkling on haul roads to control dust emission • Plantation



सत्यमेव जयते

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



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)

 01/07/2025

* Date To (DD/MM/YYYY)

 31/07/2025
Invalid Date

SEARCH

Excel Export

Export

