

**BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI**

O.A. No. 46 of 2025 (SZ)

IN THE MATTER OF:

Tribunal on its own motion **SUO MOTU**
based on the News Item in DT Next Dt
06.01.2025 titled “**Adyar has 10X fecal
coliform than normal and nil dissolved
O2**”

And

Member Secretary,
Tamil Nadu Pollution Control Board (TNPCB),
Chennai and Ors.

...Respondents

STATUS REPORT FILED BY THE 3RD RESPONDENT



THROUGH
M/S. GAUTAM S. RAMAN
COUNSEL FOR 3RD RESPONDENT

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Dated at Chennai on this the 16th day of August, 2025



Counsel for 3rd Respondent

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
SOUTHERN ZONE, CHENNAI
ORIGINAL APPLICATION No.46 of 2025(SZ)

IN THE MATTER OF
Tribinual ON ITS OWN MOTION SUO
MOTU BASED ON THE NEWS VIDE
NEWS ITEM TITLED ADYAR HAS 10X
FECAL COLIFORM THAN NORMAL AND
NIL DISSOLVED O2 APPEARING IN DT
NEXT DATED 06 01 2025 VS TAMIL
NADU POLLUTION CONTROL BOARD
THROUGH ITS MEMBER SECRETARY

...suo motu

-VERSUS-

1. Member Secretary,
Tamil Nadu Pollution Control Board
(TNPCB), Chennai
2. Member Secretary,
Cental Pollution Control Board
(CPCB), Parivesh Bhawan, East
Arjun Nagar, New Delhi-110032
3. The Managing Director,
Chennai Metropolitan Water Supply
and Sewerage Board, Chennai- 02
4. The District Collector, Chennai.

...Respondent (s)

STATUS REPORT FILED ON BEHALF OF 3RD RESPONDENT, CMWSS BOARD

I, Mrs.C.Joyce Sumathi, D/o Mr.L.J.Christopher, aged about 56 years, working as Superintending Engineer (WWT&R) in Chennai Metropolitan Water Supply and Sewerage Board having office at No.1, Pumping Station Road, Chintadripet, Chennai-600 002 do hereby solemnly affirm and sincerely state as follows:

01. I humbly submit that I am working as Superintending Engineer (WWT&R) of the Chennai Metropolitan Water Supply and Sewerage Board and representing the 3rd Respondent, as such, I am well acquainted with the facts and circumstances of the case.

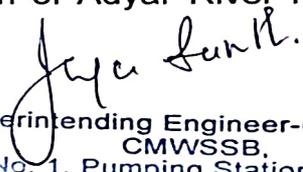
02. I humbly submit that this Hon'ble Tribunal by its Order dated 26/06/2025 in the above application has directed the CMWSSB to conduct thorough inspection of the entire stretch of the Adyar River and take immediate steps to plug all sewage outfalls. Hence i am filing this Status Report.

03. I humbly submit that, the Government of Tamil Nadu is committed to improving the ecological condition of the rivers and water bodies by ensuring sustainable and healthy living environment of all, in the State of Tamil Nadu. While the Governmnet has been implementing many projects for betterment of Adyar River including restoration of Adyar Creek there is a need to rejuvenate the full stretch of Adyar River:

- a) To ensure effective abatement of pollution and protection of the river by adopting a sustainable approach for achieving water quality as per national standards (CPCB designated best use – water quality criteria Class-D – “Propogation of Wildlife and Fisheries)
- b) To maintain minimum Environmental-flows in the rivers with the aim of ensuring water quality and sustainable development.

The Government of Tamil Nadu has come up with a unique approach of “One River, One Operator” for eco restoration of River Adyar. The Government of Tamil Nadu has appointed a private Concessionaire for Restoration of Adyar River from

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No of Corrs:Nil


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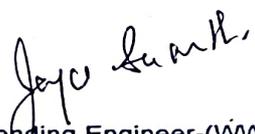
Superintending Engineer-(WWT&R)
CMWSSB,
No. 1, Pumping Station Road,
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Guduvanchery to river mouth (44Km) under Hybrid Annuity Model (HAM), through Public - Private Partnership Mode on Design, Build, Finance, Operate and Transfer basis. It has also set up a Special Purpose Vehicle (SPV) named Ms.Chennai Rivers Transformation Company Limited, fully owned by the Govt. of Tamil Nadu, to be headed by the Officer on Special Duty, Adyar River Restoration Project and MD/TNUIFSL, with representations from various stakeholders.

The development obligations of the Concessionaire are as follows:

- a) Take necessary steps to ensure that Adyar River meets the required water quality standards for propagation of wildlife and fisheries (Class-D Water Body).
- b) Improve the overall ecological health of the river by implementing measures to intercept, divert, and treat polluting outfalls.
- c) Undertake rehabilitation and development of sewage treatment facilities (STFs) comprising of traditional sewage treatment plants (STPs) of appropriate size, capacity and technology, and other innovative means of sewage treatment in accordance with Good Industry Practice.
- d) Undertake river channel management works to enhance water flow, reduce erosion and improve the overall stability of the river system.
- e) Implement flood protection measures to mitigate the risk of flooding in the surrounding areas.
- f) Develop river front areas to enhance public access, recreational opportunities, and aesthetic value. Riverfront development to include landscaping, construction of pedestrian walkways, cycle tracks, public parks, and other such recreational amenities;
- g) Establish efficient solid waste management systems to prevent pollution and maintain the cleanliness of the river and its surroundings. Solid waste management to include, but not limited to, the following: collection, transportation, and disposal of waste generated within the right-of-way of

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No of Corrs:Nil


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the Adyar River (including removal and disposal of waste and debris collected from the surface of Adyar River);

- h) Implement environmental protection measures to safeguard the river ecosystem and adjacent habitats.
- i) Undertake ecological and biodiversity protection works to enhance the natural habitats and promote sustainable wildlife and fisheries propagation.
- j) Development an integrated SCADA based system for monitoring and supervision of the Project; and
- k) Develop ancillary infrastructure such as access roads, trails, utilities, and other necessary facilities to support the river restoration efforts.

The time frame for the Project as mentioned in the Bid document is,

S.No	Description of work	Time frame
1	Detailed Project Report preparation Period leading to Appointed Date	6 months from the date of signing of the Concession Agreement
2	Construction Period leading to COD (Commercial Operations Date)	30 months from the Appointed Date
3	Operation Period	15 years from COD

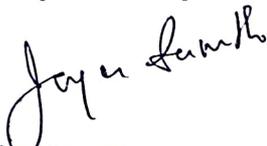
Present Status

04. I humbly submit that the GoTN accorded necessary administrative sanction vide G.O.No.50, Municipal Administration and Water Supply Department, Dated: 14.03.2024 to award the contract and issue necessary Letter of Award to the concessionaire. Accordingly, the Letter of Award (LoA) was issued to the concessionaire on 14.03.2024.

05. I humbly submit that the Detailed Project report (DPR) for the subject project is under preparation and a committee of technical experts with members from IIT, Anna University and Industry has been formed for necessary scrutiny and

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No of Corrs:Nil


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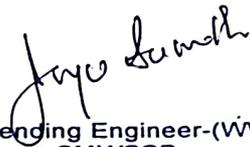
recommendations on approval for implementation of the DPR. The works on the project after approval will be commenced and completed in 30 months by 2028.

06. I humbly submit that as part of eco restoration of River Adyar under taken by CRRT vide G.O.(Ms)No.72 MA&WS(MC.I)) Dept dt 12.07.2017, mitigation measures for 39 Nos of sewage outfalls on both sided of the river from chainage 2000m to 13500m inside Chennai city limits by providing interception and Diversion arrangements and diverting the outfalls to the proposed Modular STPs has been taken up and completed by CMWSSB.

07. I humbly submit that the following works have been carried out by CMWSSB to Plug the Sewage outfalls in Adyar river.

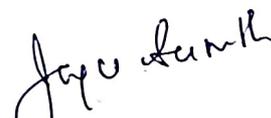
Adyar River Restoration Project (ARRP) G.O.(Ms)No.72 MA&WS(MC.I)) Dept dt 12.07.2017		
Sl. No	Name of the Work	Status of Works
1	Package-I- Laying of interceptors and Diversion of sewage (SWR 1&2) at Adyar and Kotturpuram from Ch 2000 to 4000, Right Bank and allied works in Area-XIII	COMPLETED
2	Package-VIII Design, Supply, Installation, Testing and commissioning of Modular STPs for 2 nos x 0.3 MLD capacity in Adyar and Kotturpuram at Ch-3000, Right bank including Operation and Maintenance for 5 years in Area XIII	COMPLETED
3	Package - V - Laying of Interception and Diversion of sewage (SWR 5&6) at Guindy and Ekkattuthangal from Ch 8200 to 10850, Right Bank and allied works in Area XIII	COMPLETED

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No of Corrs:Nil


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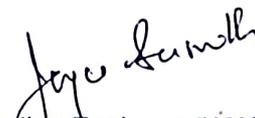
Sl. No	Name of the Work	Status of Works
4	Package- VI - Laying of Interception and Diversion of sewage at Samiyar Thottam and Jafferkhanpet (SWL 5&6) from Ch 8100 to 11000, LeftBank, Diversion works to existing sewer network at Jafferkhanpet (SWL 7) at Ch 9900, Left Bank and MGR Nagar drain at Ch 11000, Left Bank and allied works in Area X	COMPLETED
5	Package - VII - Interception & Diversion of two outfalls in Adyar River near Poonamallee Bridge at Nandambakkam including Construction of Sewage Pumping/Lift stations, laying Pumping mains in Depot 158, Area-XII	COMPLETED
6	Package - III - Laying of new network to collect the sewage in the houses and connect to the existing network with a new SPS (SWL2) at Ch 3500, Left Bank, SWL3 Isolated action connecting the raw sewage flowing in the SWD to the existing network in Turn Bulls Road (SWL3) at Ch4300 and at Nandanam Extension Main Road at Ch 4400, Left Bank and allied works in Area-IX	COMPLETED
7	Package IV - Temporary treatment of Mambalam Canal at Ch 5400 and sewage outfalls to be plugged behind Anna Centenary Library at Ch 5700 in Area XIII	COMPLETED
8	Package X - Design, Supply, Installation, testing and commissioning of Modular STPs for 10 x 0.4 MLD capacity in Mambalam Major Drain at Ch 5400, Left Bank including O&M for 5 years in Area XIII	COMPLETED

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No of Corrs:Nil


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Sl. No	Name of the Work	Status of Works
9	Package XI Interception and Diversion of Outfalls in MGR Drain at Confluence point at Adyar River	COMPLETED
10	Package 15 – (Modular STP) Kundrathur (0.8 MLD)	COMPLETED
11	Providing sewerage collection system to unserved streets in choolaipallam area in D-137 in Area-X	COMPLETED
12	Enlargement of pumping main and allied works in Area X & XIII	Work Under Progress 83% of work completed. Balance work will be completed by 30.09.2025
13	Enlargement of sewer gravity main in Area XIII	COMPLETED
14	Extension of 200mm dia Sewer pumping main from Ambal Nagar Discharge Chamber / SIDCO lift SPS to Balaji Nagar SPS - Ekkatuthangal, Area XIII	COMPLETED
15	Strengthening of existing 400mm dia PSC pumping main from Saidapet C SPS to Jafferkhanpet SPS in Area 13	Work Under Progress 98% of work completed. Balance work will be completed by 31.08.2025
16	Enlargement of sewer mains at various locations in Depot 133, 134 & 135 in Area X	COMPLETED
17	Enlargement of sewer mains at various locations in Area X	COMPLETED

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No of Corrs: Nil


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Sl. No	Name of the Work	Status of Works
18	Interception and diversion of existing gravity sewer system along Dr Nair road by providing 2nos of pumping stations at Jagadhambal street jn of Rajamannar salai and Dr Nair road along with laying of CI Sewage Pumping Main to T Nagar SPS in Depot – 136 , Area - X	Work Under Progress 70% of work completed. Balance work will be completed by 30.09.2025
19	Strengthening of pumping main Sathyamoorthy Block PS to Nesapakkam SPS in Area X	COMPLETED

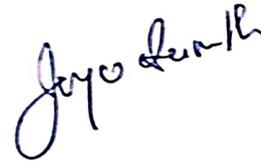
It is therefore prayed that this Hon'ble Court may be pleased to record the above Status Report filed on behalf of CMWSSB, and pass such further or other orders as this Hon'ble Tribunal may deem fit and proper in the facts and circumstances of the case and thus render justice.

Solemnly affirmed at Chennai on this day of 16th August 2025 and signed his/her/their name in my presence.

BEFORE ME,

8th and last page
No. of Corrs...

ADVOCATE
CHENNAI



Superintending Engineer-(WWT&R),
CMWSSB,
No. 1, Pumping Station Road,
Chintadripet, Chennai-600 002.

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No of Corrs:Nil

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