

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

Original Application No. 144 of 2021 (SZ)

IN THE MATTER OF

Tribunal on its own motion-SUO MOTU Based on the News item published in the Times of India, Eenadu Newspaper Edition Dated: 15.04.2021, "Squatters gone, but Coom till a dump", The Times of India Newspaper, Chennai edition dated: 01.06.2021, "Waste is segregated, but not cleared from Coom in Otteri", the Hindu "Newspaper, Chennai dition dated: 20.06.2021, "Encroachments are back along the Coom in Chetpet."

...Applicant(s)

Versus

1. The Chief Secretary to Govt. of Tamil Nadu, Govt. Secretariat, Fort St. George
Chennai, Tamil Nadu – 600 009.
2. The Principal Secretary to Government,
Public Works Department,
Govt. Secretariat, Fort St. George
Chennai, Tamil Nadu – 600 009.
3. The Additional Secretary to Government of Tamil Nadu,
Revenue and Disaster Management Department,
Govt. Secretariat, Fort St. George
Chennai, Tamil Nadu – 600 009.
4. The Principal Secretary to Govt. of Tamil Nadu, Health
and Family Welfare Department,
Govt. Secretariat, Fort St. George
Chennai, Tamil Nadu – 600 009.
5. The Secretary to Govt. of Tamil Nadu,
Department of Environment, Climate Change & Forests, Govt.
Secretariat, Fort St. George
Chennai, Tamil Nadu – 600 009.
6. Additional Chief Secretary to Govt. of Tamil Nadu, Municipal
Administration and Water Supply Department, Govt. Secretariat,
Fort St. George
Chennai, Tamil Nadu – 600 009.
7. The Principal Secretary to Govt. of Tamil Nadu,
Highways and Minor Ports Department,
Govt. Secretariat, Fort St. George
Chennai, Tamil Nadu – 600 009.

Superintending Engineer (Central/Co-ord)
C.M.W.S. Board,
Chennai-02


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8. Engineer in Chief (Water Resources Organisation) And
Chief Engineer (General)
Public Works Department, Chepauk,
Chennai – 600 005.
9. The Chairman,
Tamil Nadu Pollution control Board, No.
76, Anna Salai, Guindy, Chennai, Tamil
Nadu – 600 032.
10. The Member Secretary,
Chennai Rivers Restoration Trust,
6.103, Dr. D.G. S. Dinakaran Salai,
Raja Annamalaipuram, Chennai – 600 028.
11. Tamil Nadu Highways Department,
Rep. by its Director General,
No. 76, Sardar Patel Road, Guindy,
Chennai – 600 025.
12. Chennai Metropolitan Water Supply & Sewerage Board,
Rep. by its Managing Director, No.
1, Pumping Station Road,
Chintadripet, Chennai – 600 031.
13. The District Collector,
Chennai District,
District Collectorate Office, No.
62, Rajaji Salai, 4th Floor,
Chennai – 600 001.
14. Greater Chennai Corporation,
Rep. by its Commissioner, Ripon
Building,
Chennai 600 003.....Respondent(s)

INDEPENDENT REPORT FILED ON BEHALF OF CMWSS BOARD

I, R.Sivamurugan S/o. V. Raju, Hindu, aged 57 years working as Superintending Engineer (Central/ Co-ord) of Chennai Metropolitan Water Supply and Sewerage Board having office at 2nd floor, Urban Administrative Building, MRC Nagar, Chennai 600 028 do hereby solemnly affirm and sincerely state as follows:

1. I am the Superintending Engineer (Central/ Co-ord) of the Chennai Metropolitan Water Supply and Sewerage Board and as such I am well acquainted with the facts and circumstances of the case.
2. I am filing this status report on behalf of the Managing Director, Chennai Metropolitan Water Supply and Sewerage Board, Chennai – 28, as per the orders issued by the Hon'ble National Green Tribunal, Chennai

(Signature)
Superintending Engineer (Central/Co-ord)
C.M.W.S.S. Board
Chennai-02

R. Sivamurugan
Superintending Engineer (Central/Co-ord)
C.M.W.S.S. Board,
Chennai-02

3. I hereby submit the **detailed status of works** carried out by Chennai Metropolitan Water Supply and Sewerage Board for the mitigation of sewage outfalls into Coovum & Adyar river in Chennai city. The updated progress of works are detailed below:

Integrated Coovum River Eco – Restoration Project:

CMWSSB has taken up the implementation of 15 sub-projects. The work components consists of 10 Nos. of Interception & Diversion arrangements along the river and 3 Nos. of Modular Sewage Treatment Plants (STPs) for treatment of the diverted Sewage at College Road, Chetpet, Nungambakkam and Maduravoyal, 1 No. of 10 MLD Sewage Treatment Plant at Langs Garden and 1 Under Ground Sewerage Scheme (UGSS) at Nerkundram. The 14 sub-project works in progress are furnished below:

Interceptor and Diversion works, Modular STPs and Nerkundram UGSS:


TABLE 1			
Sl. No	Description of Work	Work in Progress and %	Status of Work/Remarks
1	Interception and Diversion works :Package 1 – Chintadripet	100	Work completed. Outfalls plugged(1 No)
2	Interception and Diversion works Package 2 - I & D – Chetpet	100	Work completed. To be plugged after commissioning of the Modular STP(Package XI)
3	Interception and Diversion works Package 3 - I & D – Nungambakkam	100	Work completed. To be plugged after commissioning of the Modular STP(Package XII)
4	Interception and Diversion works:Package 4 - I & D - Metha Nagar	100	Work completed. Outfalls plugged(4 Nos)
5	Interception and Diversion worksPackage 5 - I & D - Anna Nagar	100	Work completed. Outfalls plugged(4 Nos)
6	Interception and Diversion worksPackage 6 - I & D - Langs Garden Road	100	Work completed. Outfalls plugged(10Nos)
7	Interception and Diversion works Package 7 - I & D - South Coovum River Road	100	Work completed. Outfalls plugged(4 Nos)
8	Interception and Diversion works Package 8 - I & D – Aminjikarai	100	Work completed. Outfalls plugged(6 Nos)
9	Interception and Diversion works Package 9 - I & D - NSK Nagar	-	Due to encroachment and non settlement of court case, the work order is cancelled.
10	Interception and Diversion works Package 10 - I & D - Anna Nagar	100	Work completed. Outfalls plugged(2 Nos)


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11	Modular STP – Package 11 –1.0 MLD, College Road, Chetpet	100	Work completed.
12	Modular STP- Package 12 – 1.2 MLD- Nungambakkam	90	➤ Erection works are completed, Instruments fixing and energizing in progress. Trial and Testing to be commenced before 31.10.2022
13	Modular STPs- Package 13 –0.6 MLD – Maduravoyal	Work dropped	
14	Modular STP – Package 14 - 10 MLD TTUF at Langs Garden	62	➤ Civil works completed Supply and erection of EMI Works in progress. ➤ Exp. dt. of completion: 31.03.2023
15	<u>Package 15 - UGSS – Nerkundram</u> UGSS work in Nerkundram comprises of 5 zones namely: <ul style="list-style-type: none"> • Zone 1: Valliammai Nagar • Zone 2: NT Patel Road • Zone 3: Janakiraman colony • Zone 4: Gangai Amman Koil • Zone 5: Ponnamallee High Road 	70	➤ Presently Works in Zone 1 and Zone 2 are nearing completion and it is scheduled to be commissioned at the earliest. ➤ In Zone-5, NHAI insisted to lay the gravity sewer system after constructing a concrete duct. Letter sent to Project director/NHAI requesting for laying gravity sewer system in the edge of the bituminous road. ➤ In Zone-3 : work commenced on 22.8.2022 & Zone 4 : Pumping Main works for 1.5 km & HSC works are under progress ➤ Expected date of completion:31.03.2023

4. I hereby humbly state that on completion of the above mentioned works, 37 nos of Sewage Outfalls into River Cooum will be plugged by CMWSSB. CMWSSB has taken up the Under Ground Sewerage Scheme to Nerkundram through which the outfalls from Nerkundram will be arrested on providing House sewer Connections to households. This UGSS-Nerkundram scheme will be completed in 2023.

5. Further I hereby state that 'Consent to Establish (CTE)' was obtained from TNPCB for Modular STPs at Chetpet and Nungambakkam (Package 11 &12) on 09.09.2021 and for TTUF at Langs Garden(Package 14) on 24.08.2021. The raw sewage collected will be treated in the Modular STPs and will be let out into water bodies as per TNPCB norms.


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ii. Adyar River Restoration Project from Origin to Mouth:

6. In addition to the above mentioned works being carried out towards Coovum River Restoration, it is humbly submitted that, CRRT Board has approved 56 sub projects of short term plan at a cost of Rs.555.46 Crores to be implemented by

8	Package 8 - Modular STP - Kotturpuram	100	➤ Trial Commissioning under progress
9	Package 9 - Modular STP - Mambalam Canal (P1)	➤ Proposal dropped due to enlargement of sewer and improvement of pumping main taken up under CRRT - Phase I - Plugging of outfalls under Adyar drains project.	
10	Package 10 - Modular STP - Mambalam Canal (P2)	99	➤ Expected dt. of completion: 04.11.2022 ➤ Trial commissioning under progress.
11	Package 11 - Modular STP - MGR drain	72	➤ Expected dt. of completion 30.06.2023. ➤ Laying of pumping main is in progress.
12	Package 12 - Modular STP - Manapakkam	➤ Proposal dropped due to ongoing underground sewerage schemes in Manapakkam and Ramapuram & upcoming UGSS proposals in Nandambakkam.	
13	Package 13 - Modular STP - Nandambakkam		
14	Package 14 - Modular STP - Nandambakkam		
15	Package 15 - Modular STP - Kundrathur drain	➤ Work commenced on 01.07.2022 ➤ Process design & Structural design approved . ➤ Earth work excavation commenced. Approach to site is very slushy due to rain and hence the work has been suspended.	

9. Hence it is humbly submitted that on completion of the above works, CMWSSB will be plugging 39 nos of Sewage Outfalls into River Adyar within Chennai city.

10. Further I humbly submit that CMWSSB has completed the Under Ground Sewerage Schemes for Porur. The collected sewage from Porur has to be discharged into the terminal pumping station of Ramapuram SPS. At present, CMWSSB is executing the Under Ground Sewerage Schemes to Manapakkam, Ramapuram and Mugalivakkam and works are under progress. On completion of these UGS schemes, CMWSSB will be providing House Sewer Connections to all households of these area, in order to prevent the unauthorized letting out of Sewage into River Adyar.

[Signature]
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C.M.W.S.S. Board,
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➤ **Mitigation of Sewage Outfalls in Drains of Adyar, Drains of Cooum and Buckingham Canal and its Drains:**

11. For all aforesaid reasons I humbly submit that Administrative Sanction has been
accorded by the Government vide G.O. (Ms) No. 107 MA&WS (MW1) Dept, dt:

various implementing agency / line department under Phase-III of Adyar River restoration origin to mouth for plugging of sewage outfalls into Adyar River. Out of 56 sub projects, 14 sub projects are to be implemented by CMWSS Board and the administrative sanction has already been accorded vide MA&WS (MC1) Department GO(MS) No.72 dated 12.07.2017 to a value of Rs. 123.19 Crores. & 1 sub project to be implemented by CMWSS Board for Kundrathur Town Panchayat.

7. Moreover it is humbly submitted that of the original 14 sub projects (7 nos of Interception and Diversion works and 7 nos of Modular Sewage Treatment Plant works) prepared for the mitigation of sewage outfalls within Chennai city into River Adyar. 1 No of I&D work & 5 Nos of Modular STP works are dropped due to various reasons as detailed in Table 2.
8. Hence taking into consideration of above mentioned facts and circumstances as detailed in below table it is humbly submitted that finally CMWSSB has taken up 9 works, of which 6 Nos of Interception and Diversion works and 2 Nos of Modular STP works are under execution along River Adyar. Accordingly, status of works is detailed below:

TABLE 2			
Sl. no	Description of Work	Physical progress of works %	Status of work / Remarks
1	Package 1 – Adyar & Kotturpuram	100	➤ Work completed
2	Package 2 - I & D - Greenways Road & Kotturpuram TNSCB	Proposal dropped. (TNUHDB proposed to demolish and reconstruct new Kotturpuram slum tenements & 3 nos of SWD in Greenways avenue is carrying only rain water)	
3	Package 3 - I & D - Nandanam Extension, Turn Bulls Road & Radhakrishnapuram Slum	100	➤ Work completed
4	Package 4 - I & D - Mambalam Canal	100	➤ Work completed
5	Package 5 - I & D – Guindy & Ekkattuthangal	100	➤ Work completed
6	Package 6 - I & D – Samiyar Thottam, Jaffer Khanpet & MGR Drain	100	➤ Work completed
7	Package 7 - I & D - Manapakkam	72	➤ Agreement dt: 16.03.2022 Expected dt. of completion: 30.06.2023 Construction of suction well & laying of pumping mains completed.


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20.08.2019. Till date, work Order has been issued for 6 nos of I&D works and 30 nos of Infrastructure Strengthening works amounting to Rs. 364.80 crores and works are under progress. On completion of 36 works, 19 numbers of outfalls will be plugged under the ongoing Mitigation of Sewage Outfalls - Phase I works.

12. I also submit that CMWSSB has already completed the comprehensive Under Ground Sewerage Schemes to Thiruvottiyur, Madhavaram, Puthagaram, Kathiruedu, Kathivakkam, Sholinganallur, Perungudi, Surapet, Karapakkam, Ullagaram Puzhuthivakkam and have commenced the UGS Scheme for Ramapuram, Manapakkam, Nerkundram, Pallikaranai and Mugalivakkam, the outfalls into drains in these areas will be mitigated on providing House Sewer Connections to households.

13. Moreover, I humbly submit that Interception and Diversion proposals along B-Canal will be taken up by CMWSSB after removal of encroachments along Buckingham canal and obtaining sanction for the works.

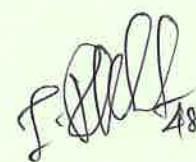
14. As such, action taken by CMWSS Board for the mitigation of Sewage Outfalls for prevention of pollution of River Adyar, River Cooum and Buckingham Canal and the current status of the ongoing works are hereby submitted before the Hon'ble Green Tribunal for consideration.

15. It is therefore prayed that, this Hon'ble Tribunal may be pleased to accept my response on behalf of the Board and thus render justice.

Solemnly affirmed at Chennai
on this 19th day of October 2022 and
signed his name in my presence


Superintending Engineer (Central/Co-ord)
C.M.W.S.S. Board,
Chennai-02

Before me


481/2024

Advocate : Chennai
I. Rollene Samuel.
57, LC, MHC, CH-104

Before the National Green Tribunal (Southern Zone)

Chennai,

O.A.No. 144 of 2021 (SZ)

Tribunal on its own motion-SUO
MOTU Based on the News item
published in the Times of India,
Eenadu Newspaper Edition Dated:
15.04.2021, "Squatters gone, but
Cooum till a dump", The Times of
India Newspaper, Chennai edition
dated: 01.06.2021, "Waste is
segregated, but not cleared from
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back along the Cooum in Chetpet."

: Applicant

Vs.

Chennai Metropolitan Water Supply
and Sewerage Board (CMWSSB)
represented by its Managing
Director, Santhome Road, MRC
Nagar, Chennai – 28.

: Respondent

REPORT FILED BY 12TH RESPONDENT

Gautam S Raman
Counsel for 12th Respondent