

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI
ORIGINAL APPLICATION No.142 of 2024(SZ)**

M. Vetri Selvan
Advocate
No:72, Anjugam Nagar, 3 Street
Jaffarkhanpet
Chennai 600 083
Phone: +91-9443416986
Email-ID: m.vetriselvan@gmail.com

...Applicant

Versus

1. The Central Pollution Control Board
Rep. by the Chairman
Parvesh Bhawan
And 6 others

...Respondents

REPORT FILED BY THE 3RD RESPONDENT



THROUGH
M/s. GAUTAM S RAMAN
COUNSEL FOR CMWSSB

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Dated at Chennai on this the 2nd day of October, 2024.



Counsel for 3rd Respondent

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
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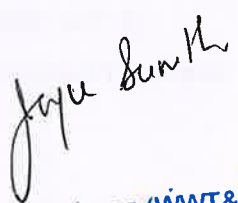
1. The Central Pollution Control Board
rep. by the Chairman
Parvesh Bhawan
East Arjun Nagar
New Delhi 110 032
Phone: +91-011-43102030
Email-ID: ccb.cpcb@nic.in

2. The Tamil Nadu Pollution Control Board
rep.by the Chairman
76, Anna Salai
Guindy, Chennai 600 032
Phone: +91-044-22353076
Email-ID:grievance@tnpcb.gov.in

3. The Chennai Metropolitan Water Supply and Sewerage Board
rep. by the Managing Director
No:1, Pumping Station Road
Chintadripet, Chennai – 600 031
Phone: +91-044-28451300
Email-ID: cmwssb@tn.gov.in

4. The Commissioner of Municipal Administration
rep. by the Commissioner of Municipal Administration
No:78, Urban Administrative Building
Santhome High Road, Chennai- 600 028
Phone:+91-044-28513259
Email-ID:cma.tncma@nic.in

5. The Directorate of Town Panchayats
rep. by the Directorate of Town Panchayats
Kuralagam, Chennai – 600 108
Phone:+91-044-29520050
Email-ID:dtpsystem@gmail.com


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

6. The Rural Development and Panchayat Raj Department
rep. the Additional Chief Secretary to Government
Rural Development and Panchayat Raj Department
Secretariat, Chennai-600 009
Phone:+ 91-044-25665566
Email-ID:ruralsec@tn.gov.in

7. The Directorate of Public Health and Preventive Medicine
rep. the Director
359, Anna Salai, DMS Complex, Teynampet
Chennai- 600 006
Phone: +91-044-29510167
Email-ID:dphpm.tn@nic.in

... Respondents

STATUS REPORT FILED ON BEHALF OF THE
3rd RESPONDENT (CMWSS BOARD)

I, C. Joyce Sumathi, daughter of Thiru.L.J.Christopher, Christian aged about 56 years, the Superintending Engineer (Waste Water Treatment & Reuse) of Chennai Metropolitan Water Supply and Sewerage Board, No: 01, Pumping Station Road, Chintadripet, Chennai-600 002, do hereby solemnly affirm and state as follows:

1. I humbly submit that I am working as Superintending Engineer (Waste Water Treatment & Reuse) 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 humbly submit that the CPCB vide letter No.A-19014/43/06-UPC-I/4625-4672 dated 07.08.2020 has issued directions to the SPCBs/PCCs to install Online Continuous Effluent Monitoring System (OCEMS) for the parameters namely Ph, TSS, COD, BOD and Electromagnetic flow meter for self – surveillance of Sewage Treatment Plant(STPs) being operated in cities and towns by Municipal Corporations, Municipalities, Local Bodies or any other concerned Body shall install before 31.07.2021.

3. I humbly submit that the Online Continuous Effluent Monitoring System (OCEMS) for the parameters namely Ph, TSS, COD, BOD and Electromagnetic flow meter for self – surveillance of Sewage Treatment Plant (STPs) has been installed and the parameter has been connected to TNPCB Portal on 21.07.2022 and it is in operational condition as on date.

4 The Sewage Generated in Chennai city is collected and conveyed to the following Sewage Treatment Plants and is safely disposed into the water ways after treatment

Joyce Sumathi

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

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

S.No	Name of STP	STP Capacity
1	Kodungaiyur STP Zone I	120 MLD
2	Kodungaiyur STP Zone II	120 MLD
3	Kodungaiyur STP (Under rehabilitation work)	110MLD
4	Koyambedu STP Zone – III	34 MLD
5	Koyambedu STP Zone –III	60 MLD
6	Koyambedu STP Zone – III	120 MLD
7	Nesapakkam STP	40 MLD
8	Nesapakkam STP	54 MLD
9	Nesapakkam STP	50 MLD
10	Todd Hunter Nagar MSTP	4 MLD
11	Kotturpuram STP	0.6 MLD
12	Chetpet MSTP	1 MLD
13	Nungambakkam MSTP	1.2 MLD
14	Langs Garde TTUF	10 MLD
15	Perungudi STP	54 MLD
16	Perungudi STP	60 MLD
17	Sholinganallur STP (phase – I)	18 MLD

The CPCB vide letter dt.07.08.2020 has issued directions to the SPCBs/PCCs to install Online Continuous Effluent Monitoring System (OCEMS) for the parameters namely pH, TSS, COD, BOD and Electromagnetic flow Meter for self – surveillance of Sewage Treatment Plants (STPs) being operated in Cities and towns by Municipal Corporations, Municipalities, Local Bodies or any other concerned Body shall install before 31.07.2021.

Accordingly, the Online Continuous Effluent Monitoring System (OCEMS) for the parameters namely pH, TSS, COD, BOD for self –surveillance of Sewage Treatment Plants has been installed in all the operational Sewage Treatment Plants of CMWSSB and the Parameters are connected to TNPCB Portal and is in operational condition as on date.

Jayaram

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

S.No	Name of STP	STP Capacity	Status of OCEMS
1	Kodungaiyur STP	120 MLD	Installed and connected TNPCB Portal
2	Kodungaiyur STP	120 MLD	Installed and connected TNPCB Portal
3	Koyambedu STP	34 MLD	Installed and connected TNPCB Portal
4	Koyambedu STP	60 MLD	Installed and connected TNPCB Portal
5	Koyambedu STP	120 MLD	Installed and connected TNPCB Portal
6	Nesapakkam STP	40 MLD	Installed and connected TNPCB Portal
7	Nesapakkam STP	54 MLD	Installed and connected TNPCB Portal
8	Nesapakkam STP	50 MLD	Installed and connected TNPCB Portal
9	Todd Hunter Nagar MSTP	4 MLD	Installed and connected TNPCB Portal
10	Kotturpuram STP	0.6 MLD	Installed and connected TNPCB Portal
11	Chetpet MSTP	1 MLD	Installed and connected TNPCB Portal
12	Nungambakkam MSTP	1.2 MLD	Installed and connected TNPCB Portal
13	Langs Garde TTUF	10 MLD	Installed and connected TNPCB Portal
14	Perungudi STP	54 MLD	Installed and connected TNPCB Portal
15	Perungudi STP	60 MLD	Installed and connected TNPCB Portal
16	Sholinganallur STP (phase - I)	18 MLD	Installed and connected TNPCB Portal

The raw sewage characteristics and treated effluent quality are updated regularly through Mobile App and CMWSSB ensures that the quality of treated effluent is within the following standards as prescribed by the CPCB/TNPCB vide MoEF (Ministry of Environment, Forest) notification dated: 24.11.2015.

pH	6.5 – 9.0
BOD	<10 mg/l
COD	<50 mg/l
TSS	<10mg/l
Total Nitrogen	<10mg/l
Total Phosphate	<2 mg/l
Ammonia Nitrogen	< 5mg/l
Faecal Coliform	100MPN/100 ml

Joye Sankh

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

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

The photographs of working of the Online Continuous Effluent Monitoring system in CMWSSB are furnished in enclosed Annexure

It is therefore prayed that this Hon'ble National Green Tribunal may be pleased to record the status report and thus render justice.

Joye Sankh.

Superintending Engineer/(WWT&R)

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

Solemnly affirmed at Chennai on this
30th Day of September 2024 and signed
Her name in my presence

Joye S. Sankh

Counsel for 3rd Respondent

Before me,

R. Srinivasulu
Advocate, Madras

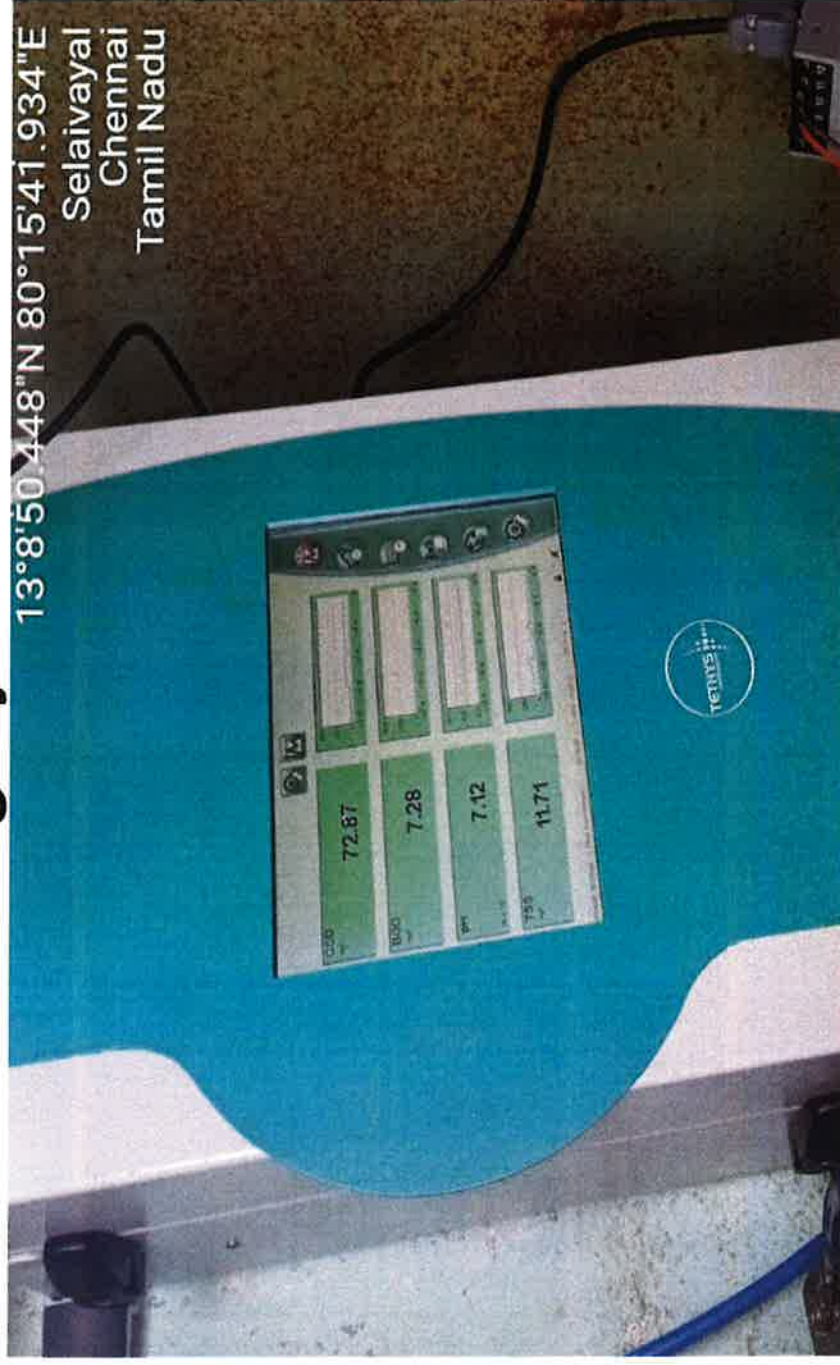
R. SRINIVASULU, ADV,
NO. 53, 1ST FLOOR CHAMBERS,
AEC, CA - 10A.

**STATUS OF OCEMS IN
O/o EE(STP/N)**

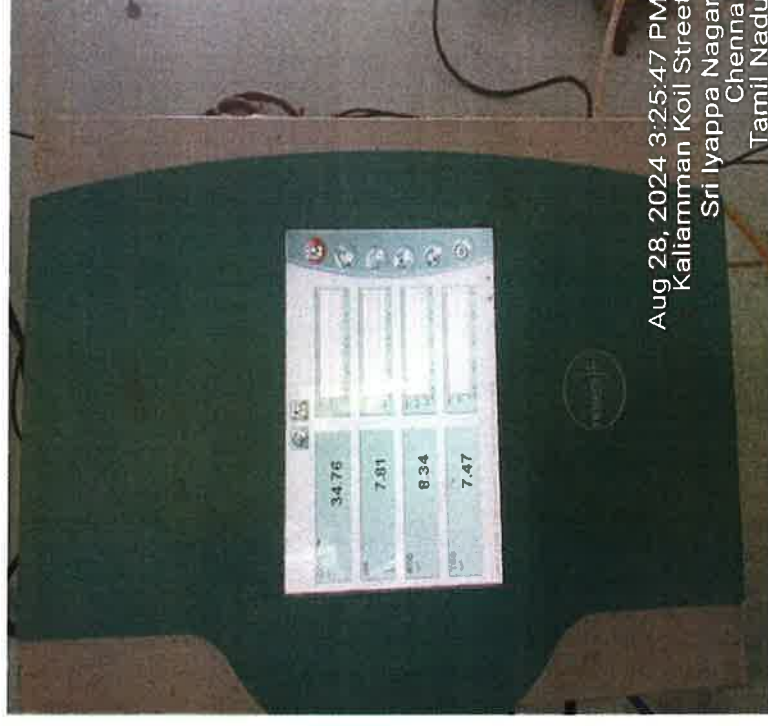
OCEMS fixed and connected to TNPCB Portal at Kodungaiyur 120 MLD Z I & II STP



OCEMS fixed and connected to TNPCB Portal at Kodungaiyur 110 MLD STP



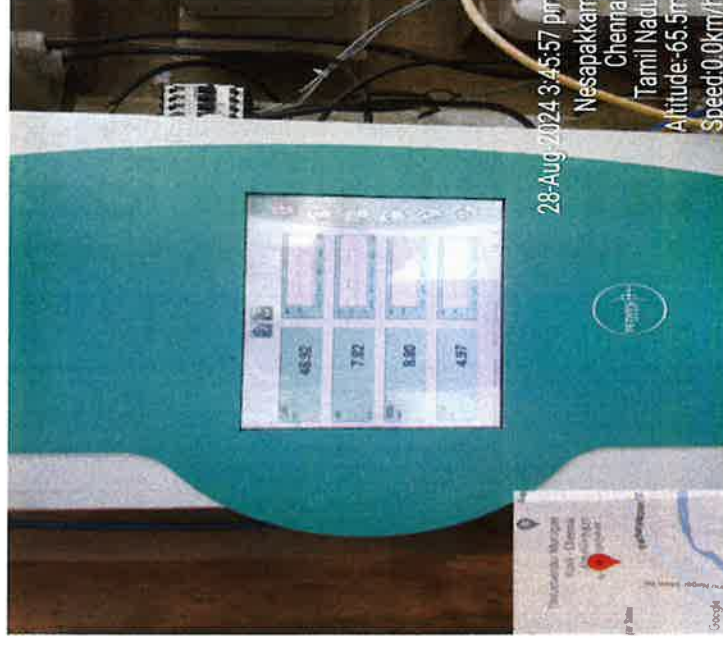
OCEMS fixed and connected to TNPCB Portal at Koyambedu 120 MLD STP Common effluent sump (34, 60 &120 MLD STP)



Aug 28, 2024 3:25:47 PM
Kallamman Koil Street
Sri Iyappa Nagar
Chennai
Tamil Nadu

**STATUS OF OCEMS IN
O/o EE(STP/S)**

OCEMS fixed and connected to TNPCB Portal at Nesapakkam 40MLD STP



OCEMS fixed and connected to TNPCB Portal at Nesapakkam 54MLD STP



OCEMS fixed and connected to TNPCB Portal at Perungudi 54MLDSTP



OCEMS fixed and connected to TNPCB Portal at Perungudi 60MLD STP



OCEMS fixed and connected to TNPCB portal at 18MLD SSTP

