

**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL  
SOUTHERN ZONE, CHENNAI**

**Original Application No.17 of 2020 (SZ)**

Tribunal on its own motion Suo Motu  
based on the news item in  
The New Indian Express, Chennai Edition  
Dt.23.01.2020, "City Lakes filled with  
Sewage and Garbage"

...Applicant(s)

**Versus**

The District Collector,  
Chengalpattu and Ors.

...Respondent(s)

**REPORT FILED ON BEHALF OF THE RESPONDENT  
TAMIL NADU POLLUTION CONTROL BOARD.**

I, S.Ragupathi, Son of Thiru.R.Sanganan, Hindu, aged about 56 years, having my office at No. 76, Mount Salai, Guindy, Chennai – 600 032 do hereby solemnly affirm and sincerely state as follows:-

1. I am the Joint Chief Environmental Engineer, Tamil Nadu Pollution Control Board, Chennai and I am filing this Report on behalf of the Respondent TNPC Board and as such I am well acquainted with the facts of the case as per records.

2. It is respectfully submitted that the Hon'ble National Green Tribunal (sz), Chennai has passed order dt: 24.01.2020 in O.A.No.17 of 2020 Suo Motu and constituted the Joint Committee comprising of

"Joint Committee comprising of sDistrict Collector Chengalpattu, Tamil Nadu Pollution Control Board, Secretary, Medavakkam Village Panchayat, Secretary Vengaivasal Village Panchayat and the Lake Protection authority if any constituted by the State Government in this

  
 JOINT CHIEF ENVIRONMENTAL ENGINEER  
 TAMILNADU POLLUTION CONTROL BOARD  
 76, MOUNT SALAI, GUINDY,  
 CHENNAI - 600 032.

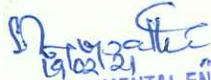
regard to inspect the area in question and take appropriate action to remove the garbage and prevent untreated discharge of sewage in to the water body and submit a status and action taken report to this Tribunal .

They are also directed to mention in the report regarding the action plan if any, prepared by the local bodies for maintaining and restoring the water bodies in their area and what is its stage and also mention about the quality of water by conducting water analysis including the Bio Chemical Oxygen Demand (BOD) Chemical Oxygen Demand (COD), Potential of Hydrogen (PH), Total coli form(TC) and Faecal Coli form (FC) and presence of harmful metals and the remediation method adopted by them to purify the same and make it, at least a bathing level water for the time being”.

3. It is further submitted that, the Hon'ble NGT in its order dt.20.01.2021 and directed as follows:-

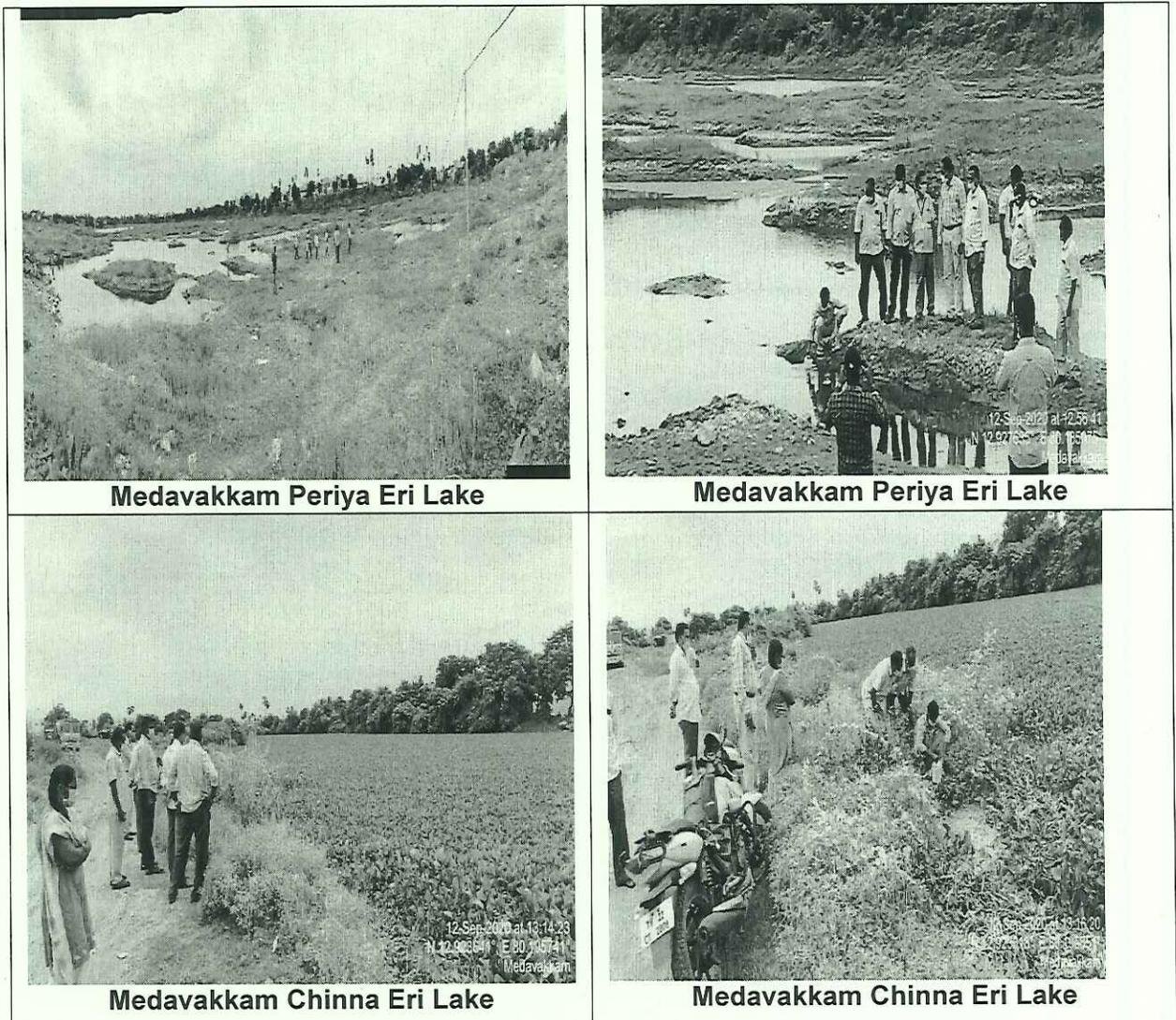
“It is quite unfortunate that nearly one year have lapsed after forming the committee to go into the question of great importance concerning the environment but no report has been filed so far. Further, the allegations are regarding the dumping of the garbage and discharge of untreated sewage etc. but the Pollution Control Board also did not file any independent report regarding that aspect.

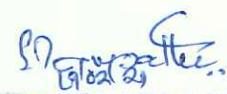
Considering the circumstances, we feel that one more opportunity can be given to the committee as well as to the Pollution Control Board to submit the report as well as independent report respectively”.

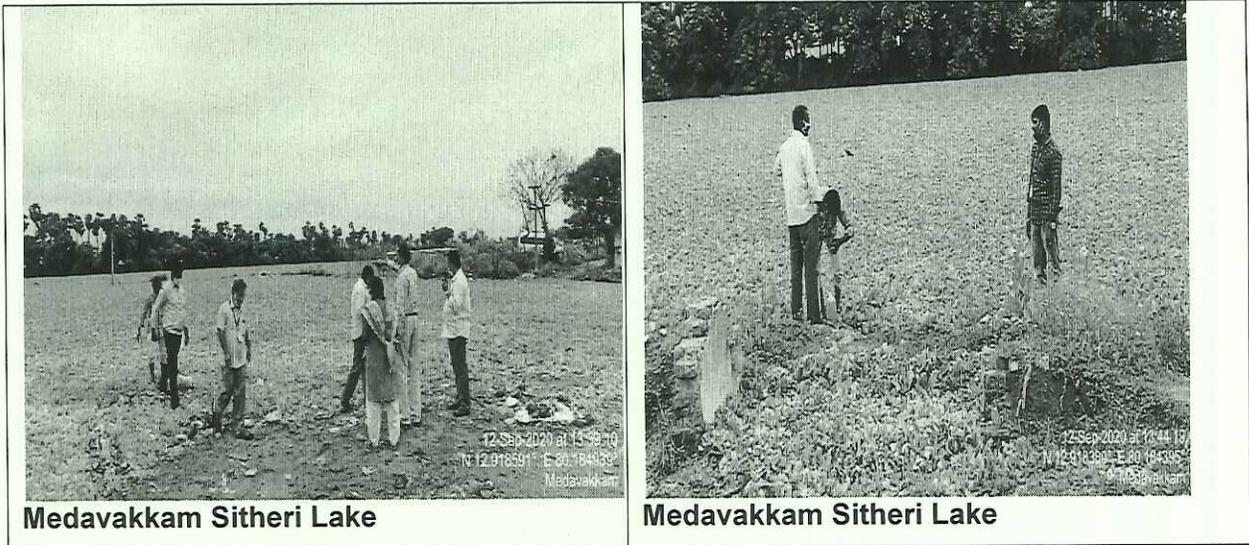
  
19/01/21  
JOINT CHIEF ENVIRONMENTAL ENGINEER  
TAMILNADU POLLUTION CONTROL BOARD  
76, MOUNT SALAI, GUINDY,  
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4. It is respectfully submitted that in due compliance of the orders of the Hon'ble National Green Tribunal, water samples were collected by the officials of Tamil Nadu Pollution Control Board along with Revenue Divisional Officer, Tambaram and Block Development Officer, St.Thomas Mount Panchayat Union (Medavakkam and Vengaivasal Panchayat) from the Medavakkam Periya Eri, Medavakkam Chinna Eri and Medavakkam Sitheri Lakes situated in Medavakkam and Vengaivasal Eri in Vengaivasal on 12/09/2020.

**Collection of water sample to ascertain the quality of water in the Medavakkam Periya Eir, Medavakkam Chinna Eri and Medavakkam Sitheri Lakes situated at Medavakkam Village**



  
**JOINT CHIEF ENVIRONMENTAL ENGINEER**  
**TAMILNADU POLLUTION CONTROL BOARD**  
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Statement showing the value of the Physico chemical parameters analyzed:

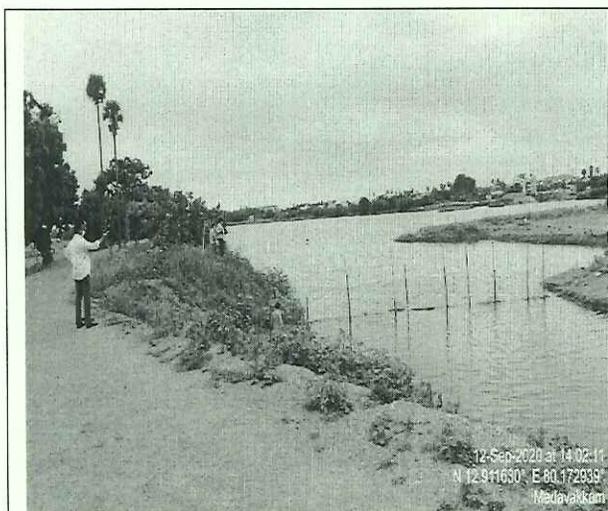
Sl. No	Parameters	Units	Point of Collection			TNPCB Standards (Inland Surface Water)
			Medavakkam Periya Eri Lake	Medavakkam Chinna Eri Lake	Medavakkam Sitheri Lake	
1	pH @ 25°C	No.	8.84	6.84	6.98	5.5-9
2	Total Suspended Solids @ 105°C	mg/L	4	124	150	100
3	Total Dissolved Solids @ 180°C	mg/L	275	698	773	2100
4	BOD @ 27°C	mg/L	4	23	23	30
5	COD	mg/L	24	200	240	250
6	Copper as Cu	mg/L	<0.033	<0.033	<0.033	3
7	Zinc as Zn	mg/L	<0.01	<0.01	<0.01	1
8	Cadmium as Cd	mg/L	<0.013	<0.013	<0.013	2
9	Lead as Pb	mg/L	<0.07	<0.07	<0.07	0.1
10	Nickel as Ni	mg/L	<0.05	<0.05	<0.05	3
11	Total Chromium Cr	mg/L	<0.01	<0.01	<0.01	2
12	Hexavalent Chromium Cr <sup>+6</sup>	mg/L	<0.01	<0.01	<0.01	0.1
13	D.O	mg/L	5.5	Nil	Nil	5mg/l and above

  
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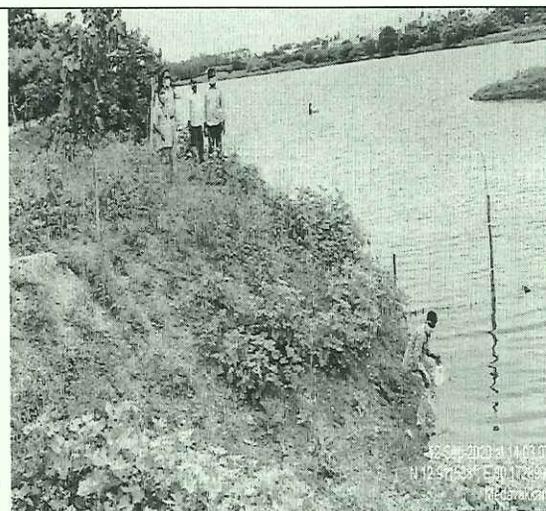
Statement showing the value of the Bacteriological parameters analyzed:

Sl. No	Parameters	Units	Point of Collection			Primary Water Quality Criteria for Bathing Waters prescribed by Central Pollution Control Board
			Medavakka m Periya Eri Lake	Medavakka m Chinna Eri Lake	Medavakka m Sitheri Lake	
1	Total Coliform	MPN/100 ml	16000	390	2200	500 or less.
2	Faecal Coliform	MPN/100 ml	1700	68	470	500 (desirable) 2500 (Maximum Permissible)

Collection of water sample to ascertain the quality of water in the Vengaivasal Eri situated in Vengaivasal Village



Vengaivasal Eri



Vengaivasal Eri

*[Signature]*  
19/09/20  
JOINT CHIEF ENVIRONMENTAL ENGINEER  
TAMILNADU POLLUTION CONTROL BOARD  
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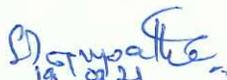
**Statement showing the value of the Physico chemical parameters analysed**

Sl. No	Parameters	Units	Point of Collection	TNPCB Standards (Inland Surface Water)
			Vengaivasal Eri	
1	pH @ 25°C	No.	8.42	5.5-9
2	Total Suspended Solids @ 105°C	mg/L	79	100
3	Total Dissolved Solids @ 180°C	mg/L	629	2100
4	BOD @ 27°C	mg/L	25	30
5	COD	mg/L	240	250
6	Copper as Cu	mg/L	<0.033	3
7	Zinc as Zn	mg/L	<0.01	1
8	Cadmium as Cd	mg/L	<0.013	2
9	Lead as Pb	mg/L	<0.07	0.1
10	Nickel as Ni	mg/L	<0.05	3
11	Total Chromium Cr	mg/L	<0.01	2
12	Hexavalent Chromium Cr <sup>+6</sup>	mg/L	<0.01	0.1
13	D.O	mg/L	7	5mg/l and above

**Statement showing the value of the Bacteriological parameters analysed**

Sl. No	Parameters	Units	Point of Collection	Primary Water Quality Criteria for Bathing Waters prescribed by Central Pollution Control Board
			Vengaivasal Eri	
1	Total Coliform	MPN/100 ml	16000	500 or less.
2	Faecal Coliform	MPN/100 ml	3500	500 (desirable) 2500 (Maximum Permissible)

It is respectfully submitted that the Report of analysis of the water samples collected from the said water bodies reveals that the Physico chemical parameters analysed satisfy the Inland surface water standards prescribed by the Board.

  
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Furthermore water sample collected from the Medavakkam Periya Eir, Medavakkam Chinna Eri, Medavakkam Sitheri and Vengaivasal Eri analysed for Bacteriological parameter reveals Total Coliform in Medavakkam Periya Eir, Medavakkam Sitheri Lake and Vengaivasal Eri and Faecal Coliform in Medavakkam Periya Eir and in Vengaivasal Eri exceeds the Primary Water Quality Criteria for Bathing Waters prescribed by Central Pollution Control Board.

Under the above circumstances, it is humbly prayed that this Hon'ble National Green Tribunal (SZ) may be pleased to pass such further or other orders as this Hon'ble Tribunal may deem fit and proper in the facts and circumstances of this case and thus render justice.

  
 JOINT CHIEF ENVIRONMENTAL ENGINEER  
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**BEFORE ME**

### VERIFICATION

I, S.Ragupathi, Son of Thiru.R.Sanganan, working as Joint Chief Environmental Engineer, TNPCB, office at No. 76, Anna Salai, Guindy, Chennai – 32, do hereby verify that the above contents are true to the best of my knowledge and belief through records.

Verified at Chennai on this      day of February, 2021.

  
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**REPORT FILED ON BEHALF OF THE  
RESPONDNET - TAMIL NADU  
POLLUTION CONTROL BOARD**

**Advocate for Respondent No.TNPCB  
Thiru.Kasi Rajan,  
Advocate, Chennai.**

**Date:19.02.2021.**

**Date of hearing on 22.02.2021**