

**Original Application no. 141/2021 (SZ)**

**State of Kerala & Others : Respondent(s)**

**Report filed by the Chief Environmental Engineer,  
Kerala State Pollution Control Board, Regional Office, Thiruvananthapuram  
on behalf of the Kerala State Pollution Control Board,  
in Original Application No. 141/2021 (SZ)**



**Adv. Remasmrithi V.K**

**ADDITIONAL STANDING COUNSEL**

**RESPONDENT No.5**

**Original Application no. 141/2021 (SZ)**

Tribunal on its own motion SUO MOTU  
based on the News Item in Kerala Kaumudi  
Newspaper, web edition dt: 06.06.2021,  
"A New Ray of Life for Pallikkalar".

Vs.

The Principal Secretary to Government of Kerala,  
Department of Environment,  
Thiruvananthapuram  
and Ors

...Respondents

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1	Report filed by the Chief Environmental Engineer, Kerala State Pollution Control Board, Regional Office, Thiruvananthapuram on behalf of Kerala State Pollution Control Board, in Original Application No. 141/2021.	1-2

Dated this the 10<sup>th</sup> day of May 2023

**Remasmrithi. V.K.**, Advocate  
Additional Standing Counsel

Respondent No.5



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

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**VERIFICATION**

I, Sreekala S. , Chief Environmental Engineer, Kerala State Pollution Control Board, Regional Office, Thiruvananthapuram, The 5<sup>th</sup> respondent, do hereby verify on this the 10<sup>th</sup> day of May 2023, that all what is stated above are true and correct to the best of my knowledge, information and belief.

  
**Sreekala S.**

**Chief Environmental Engineer  
KSPCB**

**SREEKALA S.  
Chief Environmental Engineer**

**BEFORE THE HONOURABLE NATIONAL GREEN TRIBUNAL**

**SOUTH ZONE, CHENNAI**

**Original Application No.141 of 2021 (SZ)**

Respondents : State of Kerala & Others

**Report filed by Chief Environmental Engineer, Kerala State Pollution Control Board, Regional Office, Thiruvananthapuram on behalf of The Kerala State Pollution Control Board, in Original Application No. 141/2021.**

The report is filed in accordance with the order of the Hon'ble NGT dated 15/05/2023 in O.A.No.141/2021.

As per the directions from the Hon'ble NGT vide order dated 16/02/2023 in the above O.A. ,the Board by its letter dated 08/02/2023 had addressed CSIR-NEERI Maharashtra and Chennai regarding the 'Phytorid technology' developed by their institution in treating sewage from water bodies. Subsequently, Board Chairman conducted a meeting on 13/03/2023 via Video conference, where Dr.Ritesh Vijay, Senior Principal Scientist and Head from NEERI, presented the technology for treating polluted water bodies using Phytorid technology before the Board officials. It was understood that feasibility of implementing the Phytorid Technology with respect to Kerala condition need to be examined in detail.

The Board vide letter dated 24/04/2023 had requested the Director, CSIR-NEERI, to depute two officials to make a visit and understand the details of various locations and feasibility of Phytorid technology in Kerala condition. Subsequently, CSIR-NEERI has deputed two Scientists namely Er. Pravin Manekar and Dr. S. Bhuvanesh who will carry out site visit from 11/05/2023 to 13/05 /2023 as per the schedule fixed by the Board. Copy of the letter enclosing the schedule is produced herewith as Annexure I.



**SREEKALA S.**  
Chief Environmental Engineer

All that stated above are true to the best of my knowledge and belief.

Dated this the 10<sup>th</sup> day of May 2023.



**Chief Environmental Engineer**

**KSPCB**

**SREEKALA S.**

**Chief Environmental Engineer**

Solemnly affirmed and signed by the deponent who is known to me on this

the 10<sup>th</sup> day of May 2023.

**BEFORE THE HONOURABLE  
NATIONAL GREEN  
TRIBUNAL (SZ)**

**OA no. 141/2021 (SZ)**

**Report filed by the Chief  
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Kerala State Pollution Control  
Board, Regional Office,  
Thiruvananthapuram on behalf of the  
Kerala State Pollution Control Board,  
in Original Application No.  
141/2021 (SZ)**

**Adv. Remasmrithi.V.K**

ADDITIONAL

STANDING COUNSEL

RESPONDENT No.5

9445782946

**Original Application no. 141/2021 (SZ)**

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based on the News Item in Kerala Kaumudi  
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1	Annexure I - Copy of Letter No. PCB/HO/EE3/O.A No.27/2021(SZ)/2021 dated 08/05/2023 from the Head Office, KSPCB addressed to the concerned officials deputed for the site visit.	1-4

Dated this the 10<sup>th</sup> day of May 2023.

**Remasmrithi. V.K.**, Advocate  
Additional Standing Counsel  
Respondent No.5

☎: General: 0471- 2312910, 2318153, 2318154, 2318155 Chairman: 2318150 Member Secretary: 2318151  
e-mail: [chn.kspcb@gov.in](mailto:chn.kspcb@gov.in); [ms.kspcb@gov.in](mailto:ms.kspcb@gov.in) FAX: 2318152 web: [kspcb.kerala.gov.in](http://kspcb.kerala.gov.in)



**KERALA STATE POLLUTION CONTROL BOARD**

കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്

Pattom P.O., Thiruvananthapuram - 695 004  
പട്ടം പി.ഒ., തിരുവനന്തപുരം - 695 004



PCB/HO/EE3/O.A No.27/2021(SZ)/2021

Date: 08/05/2023

**URGENT**

From

The Member Secretary

To

- 1) The Managing Director,  
Kerala Water Authority
- 2) The Director,  
Urban Directorate
- 3) The Director,  
Tourism Department
- 4) The Director,  
Health Directorate
- 5) The Director,  
DTPC, Alappuzha
- 6) The Director,  
Directorate of Panchayath
- 7) The Chief Engineer,  
Irrigation Department
- 8) The Director,  
Suchitwa Mission

Sub:- Visit of Experts from NEERI - Hon'ble NGT order in OA 27/2021 dated 02/02/2023 & O A 141/2022 dated 06/01/2023-reg.

Ref:- 1) Order dated of Hon'ble NGT in OA 141/2022 dated 06/01/2023  
16/02/23,24/03/2023

2) Order dated of Hon'ble NGT in OA 147/2022 dated 22/03/2023

3) Order dated of Hon'ble NGT in OA 27/2021 dated 02/02/2023 & 20/03/2023

4) Schedule of field visit from 11/05/2023 to 13.05.2023

Sir/Madam,

The Hon'ble NGT vide the order dated 20.03.2023 in O A27/2021 & order dated 24/03/2023 in O A 141/2022 had directed to consider treatment system like Phytoid waste water treatment Technology and submit the compliance report regarding the installation of STPs and ETPs. The Board has requested NEERI to depute experts to visit Kerala and accordingly two scientists namely Er. Pravin Manekar and Dr. S. Bhuvanesh are deputed to conduct field visit from 11/05/2023 to 13/05/2023. They have agreed to visit during 11/05/2023 to 13/05/2023. The Schedule of the site visit is enclosed. The contact details of Board's representative is given in the schedule. Please depute concerned officials from the organisation at the concerned site.

Yours faithfully

*Slava*

**MEMBER SECRETARY**

Copy to : 1) The Additional Chief Secretary,  
LSGD (with covering letter)

2) The Additional Chief Secretary,  
Environment Department (with covering letter)

3) The Coordinator,  
Harithakeralam Mission

4) The Director, NEERI

5) The Chief Environmental Engineer,  
Regional Office, Thiruvananthapuram  
Ernakulam

6) The Environmental Engineer,  
District Office  
Ernakulam/Alappuzha/ Kollam

7) Establishment Section,  
Head Office

Please make necessary  
arrangement for the site visit

Schedule of site visit of experts from 11/05/2023 to 13/05/2023

Date	Time	Site	Participants	Contact details of Officials
11.05.2023	3 pm.	Kalamaserry	Suchitwa Mission, Kerala Urban Directorate, Kochi Water Metro Ltd, Kalamassery Municipality, Irrigation Department Kerala Water Authority, KSPCB	Smt.Sreelekshmi.P.B Environmental Engineer, District Office-1, Ernakulam Ph No.9447975731
	4 pm.	Perandoor Canal, Edapally Canal	Suchitwa Mission, Kerala Urban Directorate, Kochi Water Metro Ltd, Kochi Corporation, Irrigation Department Kerala Water Authority, KSPCB	
12.05.2023	9.30 am.	Aroor	Aroor Grama Panchayath, Suchitwa Mission, Kerala Urban Directorate, Regional Joint Directorate, KSPCB	Smt.Smitha C.V Environmental Engineer, District Office, Alappuzha Ph No.9447975739
	10.30 am	Alappuzha DTPC House boats  Discussion with houseboat association	Alappuzha Municipality, DTPC, Urban Directorate, Tourism Department Suchitwa Mission, Kerala Urban Directorate, Regional Joint Directorate, KSPCB	

	2.30 pm	Pallikallār, Karunagapally	Karunagapally Municipality, Urban Directorate, Suchitwa Mission, Haritha Kerala Mission, Irrigation Department, KSPCB	Smt. Rachel Thomas Environmental Engineer, District Office-1, Kollam Ph No. 9447975730
	3.30 pm.	Manichithodu Slum Asthamudi Lake	Kollam Corporation, Suchitwa Mission, Haritha Kerala Mission, Irrigation, Urban directorate, Kerala Water Authority, KSPCB	
13.05.2023	9.30 am.	Pumping Station Pattom, Pattoor, Kanamoola and Cosmo, Rajaji Nagar	Urban Directorate Suchitwa Mission, Haritha Kerala Mission rate, Trivandrum Corporation, Kerala Water Authority, KSPCB	Smt. Pravitha .P.K Assistant Environmental Engineer, Head Office, Thiruvananthapuram Ph No. 94497719054
	11.30 pm to 1.30 pm	Discussion and presentation by NEERI		