

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

Original Application No. 100 of 2021(SZ)

Tribunal on its own motion Suo Motu based
on the News item published in The Hindu Newspaper,
Chennai Edition Dt.09.04.2021, "Dumping of garbage
Foiled near Anamalai, trucks seized".

Vs

The Chief Secretary to Govt. of Tamil Nadu,
Govt. Secretariat, Fort St. George,
Chennai, Tamil Nadu – 600 009 & 14 others.

...Respondents

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Advocate

**Thiru.S. Sai Sathya Jith,
Advocate, Chennai.**

Status Report of the Tamilnadu Pollution Control Board in Suo Moto based on the News item in the Hindu Newspaper, Chennai Edition dated 09.04.2021, "Dumping of Garbage foiled near Anamalai trucks Seized" as per the orders of the Hon'ble National Green Tribunal (SZ), Chennai order in O.A No. 100 of 2021 Dated: 16.04.2021, 25.06.2021 & 29.07.2021

The Hon'ble National Green Tribunal, Southern Zone, Chennai in the matter of O.A No. 100 of 2021 in Suo Moto based on the News item in the Hindu Newspaper, Chennai Edition dated 09.04.2021, "Dumping of Garbage foiled near Anamalai trucks Seized" is ordered on 16.04.2021 as follows.

"In Order to ascertain the genuineness of the allegations made in the newspaper report and the steps taken by the respective regulators to identify the persons responsible for the same and also to ascertain as to whether there is any action taken on the basis of the newspaper report, we feel it appropriate to direct the KSPCB, TNPCB, District Collector, Coimbatore, District Collector, Thirssur District and the Executive Officer from Anaimalai Town Panchayat to submit an independent report regarding the allegations made in the newspaper report and what is the nature of action taken by them against such violators.

The PCB of both the states are directed to submit an independent reports regarding the implementation of Bio-Medical waste in these bordering districts and also to identify the persons who are responsible for such unscientific disposed of garbage as well as Bio-medical waste as alleged in the newspaper report and what is the nature of action taken against the generators of waste and the persons undertaken for the disposal of the same including assessment of environmental compensation against those persons.

The TNPCB is directed to conduct the soil test of the place where it is alleged to have been buried as a method for disposal and if any, soil contamination or contamination of ground water being caused on account of the same, they are also directed to submit an independent report regarding the

same along with the remedial measures and the persons responsible to carry out the same.

The official respondents are also directed to file their independent report regarding the nature of steps taken by them for implementation of Solid Waste Management Rules, 2016 and Bio-Medical Waste Management Rules, 2016 in these respective areas.

They are directed to submit their independent report as directed before this tribunal."

It is submitted that the Interim Report by TNPC Board was already filed on 09.07.2021 before the Hon'ble NGT (SZ), Chennai by the TNPC Board.

The Hon'ble NGT (SZ), Chennai has passed in its latest order dated 25.06.2021 inter-alia that;

" the learned counsel appearing for Tamilnadu Pollution Control Board (TNPCB) submitted that they have received an interim report from the Board and they will e-file it today itself.

For appearance of parties, filing their independent responses and also for consideration of action taken report, post on 29.07.2021 "

It is submitted that since the TNPCB Advanced Environmental Laboratory, Coimbatore does not have the facility to carry out the soil test in the laboratory, the Soil samples and Water samples of the place where it is alleged to have been buried as a method for disposal and if any, soil contamination or contamination of ground water being caused on account of the same have been collected in different location in the complaint prone dump site on 19.07.2021 by the officials of Tamilnadu Agricultural University in the presence of TNPCB Officials. Both the Soil Samples – 4 Nos., and Water Samples – 2 Nos., collected have been sent to the TNAU, Coimbatore for analysis and the TNAU authorities have informed that the report of analysis will be furnished within 15 days.

Further, it is submitted that present Interim Status Report was also filed on 22.07.2021 before the Hon'ble NGT (SZ), Chennai by the TNPC Board with a request to grant further time of four weeks to submit the Status Report to the Hon'ble NGT (SZ), Chennai by the TNPCB so as to incorporate the Report of Analysis of the soil and water samples collected in the complaint prone dump site.

It is submitted that the further time of four weeks has been granted by the Hon'ble NGT (SZ), Chennai vide its latest order dated 29.07.2021 inter-alia that;

“ 14. Time is granted to the Tamil Nadu Pollution Control Board (TNPCB) to come with the detailed report regarding the nature of pollution caused or contamination caused to the soil as well as the ground water in respect of which they proposed to conduct the test, so as to ascertain the damage caused to the environment and the persons from whom this compensation will have to be recovered.

15. The Tamil Nadu Pollution Control Board (TNPCB) is also directed to assess the environmental compensation as well, so that this Tribunal can fix responsibility and take steps to collect the same as remedial measures to restore the damage caused to the environment, the Chief Secretary, State of Kerala and the Principle Secretary of Environment, the Municipal Administration, the Revenue Department and Home Department of State of Kerala are also directed to look into the issue and evolve an action plan for preventing such mischief being prepared from State of Kerala to be culminated in the state of Tamil Nadu, if sufficient common waste disposal facilities including providing Sewerage Treatment Plant STPs and the Bio-Medical Waste facilities are to be provided to avoid such things. They should and also create a mechanism for registering the vehicles which are entrusted with carrying such waste to be disposed at with the designated dump sites or treatment facilities provided for this purpose, in order to supervise and to track the movement of such vehicles to find out whether the waste that is being entrusted to them is really reaching the designated treatment facility centres and if there are any violations found, to take appropriate action against such miscreants. Similar directions have been given by us, in respect of sewage carrying tankers in State of Tamil Nadu, when such illegal discharges

into water bodies were brought into notice. This may be happening in the State of Kerala as well, goes unnoticed.

16. It is high time for the Kerala State Government also to look into the issue and come with the proper action plan, so as to resolve the issue permanently. This Tribunal feels that the State of Kerala will have to look in to the issue very seriously as it affects the environment very badly and the crime is committed by the regulators who are expected to implement the Solid Waste Management Rules, 2016 from Kerala and wastes are being dumped in the State of Tamil Nadu resulting in damages in the State of Tamil Nadu. So it is an inter border problem and the check post at the respective areas are also expected to monitor the nature of goods, that are being transported while crossing the check post and some vigil has to be made in this regard to prevent such mischief's being repeated.

17. The above Secretaries are also directed to file their independent reports after studying all these aspects by preparing a proper action plan with the directions to implement the same by the respective agencies who are expected to implement the same to prevent such mischiefs, as it is seen from the report submitted by the Tamil Nadu Pollution Control Board (TNPCB), that these incidents are recurring especially from the neighbouring Districts of State of Kerala abutting the border of State of Tamil Nadu.

18. The above officials are directed to file the respective reports to this Tribunal on or before 17. 09.2021 by e-filing in the form of searchable PDF/OCR Support PDF and not in the form of image PDF along with necessary hard copies to be produced as per rules.

19. The registry is directed to communicate this order to the members of committee, official respondents and also to the Chief Secretary, State of Kerala, Principal Secretary of Environment, Additional Chief Secretary for Home, Revenue Department and Municipal Administration of State of Kerala for their information and also for compliance of the direction for filing the report as directed.

20. For appearance of newly added parties and also for consideration of further reports, post on 17. 09.2021 ”.

It is submitted that, Tamilnadu Agricultural University has furnished Result of Analysis of the soil and water samples collected in the complaint prone dump site on 19.07.2021 by the officials of Tamilnadu Agricultural University in the presence of TNPCB Officials. The Result of Analysis of the soil samples collected in four different places in surface and sub- surface level (totally 8 soil samples) reveals that all the parameters such as pH, EC (dS m^{-1}), Organic Carbon (%), Available Nitrogen (kg/ha), Available Potassium (kg/ha) and Total Mercury (mg/kg) were in the medium range of soil fertility rating. Likewise, water samples collected in two locations (totally 2 water samples) are reveals that all the parameters such as pH, EC (dS m^{-1}), Total Mercury (mg/l), Total Lead (mg/l) and Total Zinc (mg/l) are also within the limits of drinking water standards (Copy of RoA is submitted vide Annexure-I).

It is submitted that, the complaint prone dump site was further inspected on 20.08.2021 by the officials of TNPCB, Coimbatore South. During inspection, the following observations were noticed.

1. Illegally dumped garbage solid waste were still found in the dump site and so far not yet cleared.
2. Two more earthen pits were found dumped with solid waste in plastic bags and covered with soil to hide the same. Since it is dumped and covered with soil exposing few bags, solid sample could not be taken.
3. In one of such pit wherein stagnation of leachate was observed due to the recent rain.
4. The leachate sample was collected in the pit and forwarded to the Tamilnadu Agricultural University, Coimbatore for analysis. The Result of Analysis received from the Tamilnadu Agricultural University, Coimbatore

reveals that the parameters such as **Total Zinc (mg/l)**, **Total Copper (mg/l)**, **Total Chromium (mg/l)** & **Total Lead (mg/l)** are beyond **maximum permissible limit** and pH, EC (dS m^{-1}), **Total Arsenic (mg/l)**, **Total Nickel (mg/l)** & **Total Cadmium (mg/l)** are within the CPCB permissible limits for inland water (Copy of RoA is submitted vide **Annexure-Ia**). Further, characterise of the types of waste dumped which is covered with soil can be ascertained after unearthing of the dump site.

5. It was stated by the Sub Inspector, Anaimalai Police Station, Anaimalai that the First Investigation Report (FIR) is still under investigation.
6. Meanwhile, it is submitted that the similar incident has occurred in Tenkasi Taluk, Tamilnadu and news published in Indian Express on 25.08.2021 (Copy submitted vide **Annexure - II**).

Recommendations:

In view of the above, the following recommendations are submitted and necessary direction may please be issued to the competent authorities/violator.

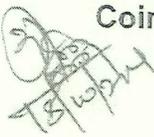
1. Dumped solid waste shall be cleared by the respective local body to process the waste through Bio mining for further beneficial uses.
2. The two more closed pits shall be unearthed to find out the type of solid waste dumped in the pits and to take samples for analysis.
3. The cost incurred for the above activities may be collected from the violators on "**Polluter Pay Principles (PPP)**".
4. The Registration Certificate of the vehicles engaged for this illegal activity which are under the custody of Tasildhar, Aanimalai (i. **KL 08 AZ 497 Tipper Lorry**, ii. **KL 43 C 3222 Tipper Lorry**, iii. **KL 49 D 5807 Tipper Lorry**, iv. **TN 37 B 9568 Hero Honda**, v. **TN 99 U 1650 Bajaj Pulsar**,

vi. KL 49 C1096 Bajaj Pulsar & vii. One unregistered JCB) may be permanently cancelled and in this regard directions may be issued to competent authorities.

5. It is submitted that stringent action may kindly be taken against the violators/competent authorities to avoid such incident in future.

Submission for extension of Time:

It is respectfully submitted that further time of four weeks may kindly be granted to submit the report to the Hon'ble NGT by the TNPCB since further closed pits to be unearthed so as to ascertain the characteristics of the types of waste dumped which is covered with soil and to take samples for further analysis.


18/08/21
**District Environmental Engineer
Tamilnadu Pollution Control Board
Coimbatore South**


Encl:

1. Copy of Result of Analysis of the soil and water samples (Annexure – I & I a).
2. Copy of news published in Indian Express on 25.08.2021 (Annexure – II).

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DEPARTMENT OF ENVIRONMENTAL SCIENCES
DIRECTORATE OF NATURAL RESOURCE MANAGEMENT**



Dr. M. Maheswari, Ph.D.,
Professor and Head
Department of Environmental Sciences
Coimbatore - 641 003

Phone: 0422 - 6611252
e-mail: environment@tnau.ac.in

To
The District Environmental Engineer
Tamil Nadu Pollution Control Board
Coimbatore South
Plot No 55A, SIDCO Industrial Estate
Pollachi Main Road, Kurichi
Coimbatore 641 021

**No. TNAU/ ENS/ NGT/ Dumping Garbage in Aanaimalai / Soil and Water / Analytical
Report / 2021 dt 23.08.2021**

Sir,

Sub: TNPC Board – National Green Tribunal – Dumping of garbage near
Aanaimalai hills – soil and water test – analytical reports – regarding
Ref: Letter No. DEE/ TNPCB/ CBS/ NGT/ O.A No. 100 of 2021/ 2021 dated
12.7.2021

As per the reference cited, in order to ascertain the allegations made on dumping of garbage in Aanaimalai hills, a field visit was performed by our scientist Dr K. Sara Parwin Banu, Professor (ENS) along with TNPCB experts Mr. Selvaganapathy, AEE (Coimbatore). Eight soil and 2 water samples were collected from the waste dumped sites. The Analytical reports are enclosed herewith for your kind perusal.

The credit bill towards the cost of analyses of soil and water samples amounts to Rs 34,220/- (inclusive of GST) is enclosed. The payment may kindly be made as Demand Draft in the name of Professor and Head, Department of Environmental Sciences, TNAU, Coimbatore

anah
23/08/21

**Professor and Head
Environmental Sciences
Professor and Head
Department of Environmental Sciences
Tamil Nadu Agricultural University
Coimbatore-641 003**

Copy to the TPO to Vice-Chancellor, TNAU, Coimbatore-03
Copy submitted to the Director, DNRM, TNAU, Coimbatore-03



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ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Soil Sample (Heap-1 Surface)

Location : Samples collected from foot hills of Semmedu
Latitude : 10.5736112; Longitude: 76.8680572

Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	7.55	Total lead (mg/kg)	BDL
EC (dS m ⁻¹)	0.92	Total Zinc(mg/kg)	BDL
Organic Carbon (%)	0.62	Total Copper(mg/kg)	BDL
Available Nitrogen (kg/ha)	320	Total Chromium (mg/kg)	15*
Available Phosphorus (kg/ha)	20	Total Nickel (mg/kg)	BDL
Available Potassium (kg/ha)	210	Total Cadmium (mg/kg)	BDL
Total Mercury (mg/kg)	BDL	Total Arsenic (mg/kg)	BDL

BDL -Below Detectable Limit

*Below Permissible Limit

Inference

The available nitrogen, available phosphorus and available potassium were in the medium range of soil fertility rating

Note : The above results are communicated with the following conditions

- The results indicate only the actual content of parameters requested by the stakeholders for the samples provided by them
- In no way, this can be claimed as a complete composition / makeup of the sample
- This communication cannot be treated / recommended as a certificate
- Its use for publicity, arbitration or as evidence in legal disputes is strictly forbidden

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COIMBATORE - 641 003



ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Soil Sample (Heap-1 Subsurface)

Location : Samples collected from foot hills of Semmedu
Latitude : 10.5736112; Longitude: 76.8680572

Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	7.4	Total lead (mg/kg)	BDL
EC (dS m ⁻¹)	0.89	Total Zinc(mg/kg)	BDL
Organic Carbon (%)	0.46	Total Copper(mg/kg)	BDL
Available Nitrogen (kg/ha)	350	Total Chromium (mg/kg)	14*
Available Phosphorus (kg/ha)	18	Total Nickel (mg/kg)	BDL
Available Potassium (kg/ha)	240	Total Cadmium (mg/kg)	BDL
Total Mercury (mg/kg)	BDL	Total Arsenic (mg/kg)	BDL

BDL –Below Detectable Limit
*Below Permissible Limit

Inference

The available nitrogen, available phosphorus and available potassium were in the medium range of soil fertility rating

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ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Soil Sample (Heap-2 Surface)

Location : Samples collected from foot hills of Semmedu
Latitude : 10.5980558; Longitude: 76.8761138

Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	8.5	Total lead (mg/kg)	BDL
EC (dS m ⁻¹)	1.2	Total Zinc(mg/kg)	BDL
Organic Carbon (%)	0.66	Total Copper(mg/kg)	BDL
Available Nitrogen (kg/ha)	300	Total Chromium (mg/kg)	14*
Available Phosphorus (kg/ha)	16	Total Nickel (mg/kg)	BDL
Available Potassium (kg/ha)	200	Total Cadmium (mg/kg)	BDL
Total Mercury (mg/kg)	BDL	Total Arsenic (mg/kg)	BDL

BDL –Below Detectable Limit

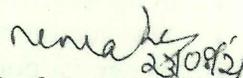
*Below Permissible Limit

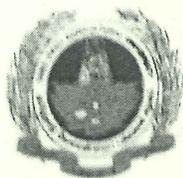
Inference

The available nitrogen, available phosphorus and available potassium were in the medium range of soil fertility rating

Note : The above results are communicated with the following conditions.

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ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Soil Sample (Heap-2 Subsurface)

Location : Samples collected from foot hills of Semmedu
Latitude : 10.5980558; Longitude: 76.8761138

Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	8.42	Total lead (mg/kg)	BDL
EC (dS m ⁻¹)	0.98	Total Zinc(mg/kg)	BDL
Organic Carbon (%)	0.44	Total Copper(mg/kg)	BDL
Available Nitrogen (kg/ha)	360	Total Chromium (mg/kg)	14.5*
Available Phosphorus (kg/ha)	24	Total Nickel (mg/kg)	BDL
Available Potassium (kg/ha)	260	Total Cadmium (mg/kg)	BDL
Total Mercury (mg/kg)	BDL	Total Arsenic (mg/kg)	BDL

BDL -Below Detectable Limit
*Below Permissible Limit

Inference

The available nitrogen and available potassium were in the medium range of soil fertility rating.
The available phosphorus was in the high range of soil fertility rating

Note : The above results are communicated with the following conditions.

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Signature
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ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Soil Sample (Heap-3 Surface)

Location : Samples collected from foot hills of Semmedu
Latitude : 10.5880658; Longitude: 76.8861138

Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	7.41	Total lead (mg/kg)	BDL
EC (dS m ⁻¹)	0.62	Total Zinc(mg/kg)	BDL
Organic Carbon (%)	0.78	Total Copper(mg/kg)	BDL
Available Nitrogen (kg/ha)	330	Total Chromium (mg/kg)	13.5*
Available Phosphorus (kg/ha)	14	Total Nickel (mg/kg)	BDL
Available Potassium (kg/ha)	190	Total Cadmium (mg/kg)	BDL
Total Mercury (mg/kg)	BDL	Total Arsenic (mg/kg)	BDL

BDL -Below Detectable Limit
*Below Permissible Limit

Inference

The available nitrogen, available phosphorus and available potassium were in the medium range of soil fertility rating

Note : The above results are communicated with the following conditions

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ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Soil Sample (Heap-3 Subsurface)
Location : Samples collected from foot hills of Semmedu
Latitude : 10.5880658; Longitude: 76.8861138
Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	7.25	Total lead (mg/kg)	BDL
EC (dS m ⁻¹)	0.83	Total Zinc(mg/kg)	BDL
Organic Carbon (%)	0.61	Total Copper(mg/kg)	BDL
Available Nitrogen (kg/ha)	240	Total Chromium (mg/kg)	14*
Available Phosphorus (kg/ha)	12	Total Nickel (mg/kg)	BDL
Available Potassium (kg/ha)	230	Total Cadmium (mg/kg)	BDL
Total Mercury (mg/kg)	BDL	Total Arsenic (mg/kg)	BDL

BDL -Below Detectable Limit

*Below Permissible Limit

Inference

The available nitrogen, available phosphorus and available potassium were in the medium range of soil fertility rating

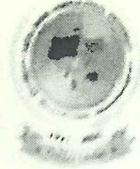
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ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Soil Sample (Ash Surface)
Location : Samples collected from foot hills of semmadu
Latitude : 10.5740683; Longitude : 76.8680948
Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	8.1	Total lead (mg/kg)	BDL
EC (dS m ⁻¹)	0.41	Total Zinc(mg/kg)	BDL
Organic Carbon (%)	0.93	Total Copper(mg/kg)	39*
Available Nitrogen (kg/ha)	360	Total Chromium (mg/kg)	15*
Available Phosphorus (kg/ha)	10	Total Nickel (mg/kg)	BDL
Available Potassium (kg/ha)	300	Total Cadmium (mg/kg)	BDL
Total Mercury (mg/kg)	BDL	Total Arsenic (mg/kg)	BDL

BDL -Below Detectable Limit
*Below Permissible Limit

Inference

The available nitrogen was in the medium range whereas available phosphorus in the low range of soil fertility rating. The available potassium was in the high range of soil fertility rating.

Note : The above results are communicated with the following conditions

- The results indicate only the actual content of parameters requested by the stakeholders for the samples provided by them
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Signature
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DIRECTORATE OF NATURAL RESOURCE MANAGEMENT
COIMBATORE - 641 003



ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Soil Sample (Ash Subsurface)
Location : Samples collected from foot hills of semmadu
Latitude : 10.5740683; longitude : 76.8680946
Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	7.9	Total lead (mg/kg)	BDL
EC (dS m ⁻¹)	0.69	Total Zinc(mg/kg)	BDL
Organic Carbon (%)	0.89	Total Copper(mg/kg)	1.5*
Available Nitrogen (kg/ha)	280	Total Chromium (mg/kg)	15*
Available Phosphorus (kg/ha)	10	Total Nickel (mg/kg)	BDL
Available Potassium (kg/ha)	300	Total Cadmium (mg/kg)	BDL
Total Mercury (mg/kg)	BDL	Total Arsenic (mg/kg)	BDL

BDL –Below Detectable Limit

*Below Permissible Limit

Inference

The available nitrogen was in the medium range whereas available phosphorus in the low range of soil fertility rating. The available potassium was in the high range of soil fertility rating.

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ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Water sample (Sample - 1)
Location : Samples collected from foot hills of Semmedu
Latitude: 10.5791958; Longitude: 76.8681248
Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	7.5	Total Copper (mg/l)	BDL
EC (dS m ⁻¹)	0.72	Total Chromium (mg/l)	4*
Total Mercury (mg/l)	BDL	Total Nickel (mg/l)	BDL
Total lead (mg/l)	BDL	Total Cadmium (mg/l)	BDL
Total Zinc (mg/l)	BDL	Total Arsenic (mg/l)	BDL

BDL – Below Detectable Limit
*Above Permissible Limit

Note: The above results are communicated with the following conditions.

- The results indicate only the actual content of parameters requested by the stakeholders for the samples provided by them.
- In no way, this can be claimed as a complete composition / makeup of the sample
- This communication cannot be treated / recommended as a certificate
- Its use for publicity, arbitration or as evidence in legal disputes is strictly forbidden.

Signature
23/8/21
Professor and Head
Environmental Sciences
Professor and Head
Department of Environmental Sciences
Tamil Nadu Agricultural University
Coimbatore-641 003



TAMIL NADU AGRICULTURAL UNIVERSITY
DEPARTMENT OF ENVIRONMENTAL SCIENCES
DIRECTORATE OF NATURAL RESOURCE MANAGEMENT
COIMBATORE - 641 003



ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of sample : Water Sample (Sample-2)
Location : Samples collected from foot hills of Semmedu
Latitude: 10.5791958; Longitude: 76.8681248
Parameters analyzed : As below

Result

Parameters	Values	Parameters	Values
pH	7.61	Total Copper (mg/l)	BDL
EC (dS m ⁻¹)	0.63	Total Chromium (mg/l)	6.5*
Total Mercury (mg/l)	BDL	Total Nickel (mg/l)	BDL
Total lead (mg/l)	BDL	Total Cadmium (mg/l)	BDL
Total Zinc (mg/l)	BDL	Total Arsenic (mg/l)	BDL

BDL -Below Detectable Limit
*Above Permissible Limit

Note: The above results are communicated with the following conditions.

- The results indicate only the actual content of parameters requested by the stakeholders for the samples provided by them
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- This communication cannot be treated / recommended as a certificate
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nnak
28/08/20
Professor and Head
Environmental Sciences
Professor and Head
Department of Environmental Sciences
Tamil Nadu Agricultural University
Coimbatore-641 003.



TAMIL NADU AGRICULTURAL UNIVERSITY
DEPARTMENT OF ENVIRONMENTAL SCIENCES
DIRECTORATE OF NATURAL RESOURCE MANAGEMENT
COIMBATORE - 641 003



ANALYTICAL AND ADVISORY UNIT

ANALYTICAL REPORT

Nature of Sample : Water
 Location : Samples collected from foot hills of semmadu
 Parameters analyzed : As below

Result

Parameters	Values	CPCB Permissible limits for Inland water	Parameters	Values	CPCB Permissible limits for Inland water
pH	7.35		Total Arsenic (mg/l)	0.088	0.20
EC (dS m ⁻¹)	1.80		Total Nickel (mg/l)	1.65	3.00
Total Zinc (mg/l)	6.23*	5.00	Total Cadmium (mg/l)	0.003	2.00
Total Copper (mg/l)	6.91*	3.00	Total Lead (mg/l)	0.84*	0.1
Total Chromium (mg/l)	2.34*	0.1			

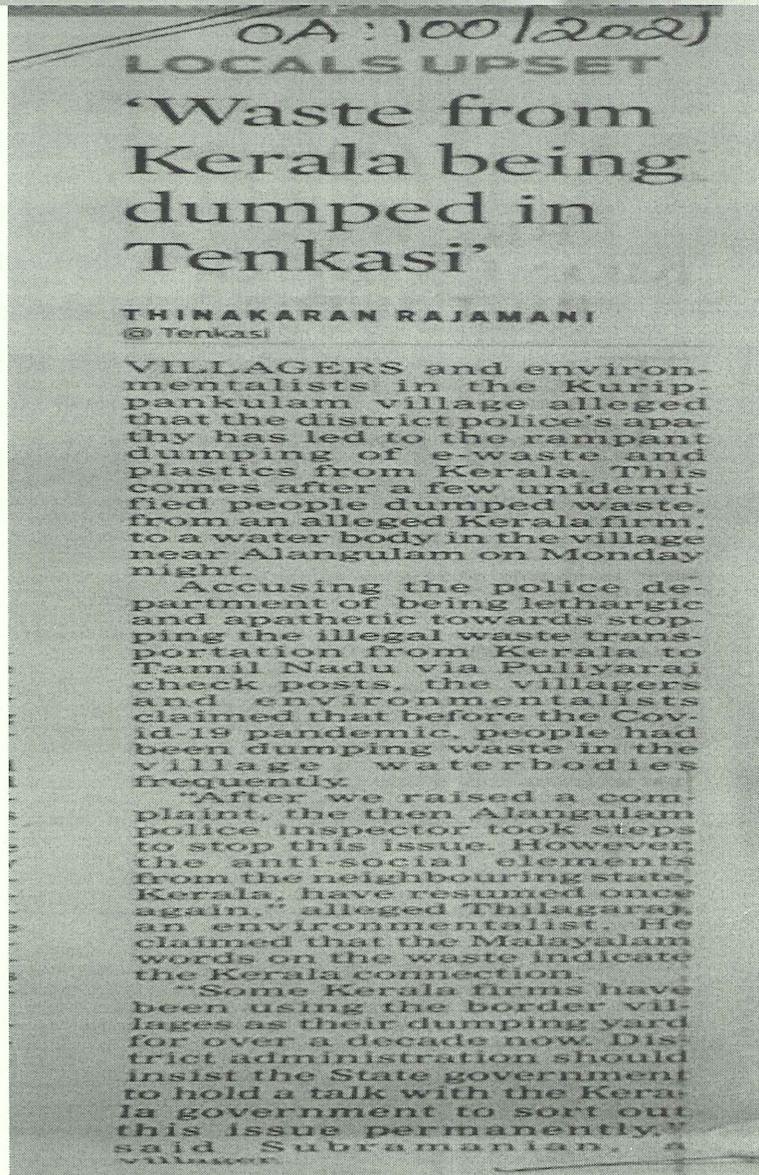
*Beyond Maximum Permissible Limit

Note: The above results are communicated with the following conditions.

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- In no way, this can be claimed as a complete composition / makeup of the sample
- This communication cannot be treated / recommended as a certificate
- Its use for publicity, arbitration or as evidence in legal disputes is strictly forbidden.

J. P. [Signature]
16/9/21

Professor and Head
Dept. of Env. Sciences.
Professor & Head
 Department of Environmental - Sciences
 Tamil Nadu Agricultural University
 COIMBATORE - 641 003.

OA : 100 of 2021**“Waste from Kerala being dumped in Tenkasi”**

News Item in The New Indian Express newspaper, TN South Edition dated 25th August 2021

TENKASI: Villagers and environmentalists in the Kurippankulam village alleged that the district police's apathy has led to the rampant dumping of e-waste and plastics from Kerala. This comes after a few unidentified people dumped waste, from an alleged Kerala firm, to a water body in the village near Alangulam on Monday night. Accusing the police department of being lethargic and apathetic towards stopping the illegal waste transportation from Kerala to Tamil Nadu via Puliyarai check posts, the villagers and environmentalists claimed that before the Covid-19 pandemic, people had been dumping waste in the village waterbodies frequently.

"After we raised a complaint, the then Alangulam police inspector took steps to stop this issue. However, the anti-social elements from the neighbouring state, Kerala, have resumed once again," alleged Thilagaraj, an environmentalist. He claimed that the Malayalam words on the waste indicate the Kerala connection. "Some Kerala firms have been using the border villages as their dumping yard for over a decade now. District administration should insist the State government to hold a talk with the Kerala government to sort out this issue permanently," said Subramanian, a villager.

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

Original Application No. 100 of 2021(SZ)

Tribunal on its own motion Suo Motu based on the News item published in The Hindu Newspaper, Chennai Edition Dt.09.04.2021, "Dumping of garbage Foiled near Anamalai, trucks seized".

Vs

The Chief Secretary to Govt. of Tamil Nadu,
Govt. Secretariat, Fort St. George,
Chennai, Tamil Nadu – 600 009 & 14
others.

...Respondents

**STATUS REPORT FILED ON BEHALF OF
THE RESPONDENT -TAMILNADU
POLLUTION CONTROL BOARD.**

**Advocate for Respondent No.2 & 3
Thiru.Sai Sathya Jith,
Advocate, Chennai.**

Date: 22.10.2021.

Date of hearing on: 01.11.2021

