

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

Original Application No.163 of 2020 (SZ)

Tribunal on its own motion-
SUO MOTU Based on the News item in
Dinamalar Newspaper, Chennai Edition
dated 21.08.2020, "Halfwits dumped
Aluminium waste in Canal"

...Applicant

Vs

The Chief Secretary to Govt. of Tamil Nadu,
Govt Secretariat, Fort St. George
Chennai, Tamil Nadu – 600009 & 7 Others

....Respondents

S. No	Description	Page No.
1.	Comprehensive report of the Joint Committee constituted by the Hon'ble NGT (SZ) Chennai in O.A.No. 163 of 2020 reg. Kalingarayan Canal Water Pollution & River Noyyal pertaining to Erode District	1-14

**Filed by
Thiru. C. Kasirajan,
Advocate, Chennai.**

1

**Comprehensive report of the Joint Committee constituted by the Hon'ble NGT (SZ),
Chennai in respect of Suo Motu Case O. A. No. 163 of 2020 regarding Kalingarayan
Canal Water Pollution & River Noyyal pertaining to Erode District**

Back Ground of the Case:

Hon'ble National Green Tribunal (Southern Zone), Chennai has taken up a Suo Motu case vide O.A. No.: 163 of 2020 with respondents the Chief Secretary to Government of Tamil Nadu, the Secretary to Government of Tamilnadu, Additional Chief Secretary to Government of Tamilnadu, Municipal Administration and Water Supply Department, the Principal Secretary to Government, Public Works Department, the Principal Secretary to Government of Tamilnadu, the Chairman, Tamilnadu Pollution Control Board, the District Collector, Erode and the Commissioner, Erode City Municipal Corporation based on the News published in Dinamalar Daily Newspaper dated: 21.08.2020 Chennai Supplementary under the caption "Halfwits dumped Aluminium waste in Canal".

The Hon'ble NGT(SZ) vide O.A No.163 of 2020 has appointed a Joint Committee comprising the District Collector, Erode, a Senior officer or Scientist deputed by the Chairman, Tamilnadu Pollution Control Board, the Municipal Commissioner, Erode City Municipal Corporation, the Superintending Engineer, Public Works Department (PWD) and Water Resources Organisation to inspect the units which are situated in and around Kalingarayan Canal area in Erode District and submit a factual as well as action taken report if there in any violation committed by any of the industries. Also, the Committee is directed to collect water samples from the Kalingarayan Canal to ascertain the water quality and shall submit the report within a period of two months i.e., on or before 09.11.2020. The Public Works Department has been nominated as Nodal Agency for co-ordination and for providing all necessary logistics for the case.

In continuation of the above, the Joint Committee has inspected Kalingarayan Canal Stretch and the industries located in the close vicinity of Kalingarayan Canal on 21-09-2020, 22-09-2020 & 16-10-2020 and the Joint Committee report has been e-filed on 05-11-2020.

Subsequently, based on the another news paper report published in the Hindu, Tamil Thisai, dated 07.10.2020 under the caption "(Contamination of metals in excess of prescribed limits: Noyal Aru Bharathiar University shocking information)", in which it was stated in the report that the Bharathiar University, Coimbatore had conducted some investigation regarding the pollution caused to River Noyyal in Tirupur, Erode and Karur areas and they came to the conclusion that excess heavy metals were found in the river water which is likely to affect the soil fertility of agricultural land in those areas and it will have impact on its produce which will affect the income of the agriculturists.

In order to ascertain the above facts, the Hon'ble NGT (SZ) has advanced this case of O. A. No. 163 of 2020 on 19.10.2020 and has passed the following Orders as below:

"..... and informed the purpose of advancing the case today and wanted the same committee to look into this issue as well. Accordingly, the same committee is directed to look into this issue as well and to submit a comprehensive report regarding the allegations made in the present report regarding the allegation in respect of pollution to Noyyal River in Erode District".

"The Registry is directed to communicate this order to the members of the committee and also to the official respondents immediately by email, along with the copy of the present paper report referred to above, so as to enable them to comply with the direction of filing a comprehensive report and also to file their independent response regarding the allegation in the paper report."

In view of the above, it is submitted that the River Noyyal enters Erode District from Tiruppur District at Kodumanal, Chennimalai in Erode District at its 100th Km and leaves from Erode District at Marudurai Bridge, Kandappagoundenvalasu, Chennimalai at its 117th Km and enters Tiruppur District again. Then it flows through Karur District and finally confluences with River Cauvery.

The Joint Committee has inspected River Noyyal entering the Erode District at Kodumanal, Chennimalai, Erode District and also along the stretches of River Noyyal flowing in Erode District on 17.12.2020 and the comprehensive report of the Joint Committee is as below.

1. It was found that there are no industrial clusters functioning near the banks of River Noyyal pertaining to Erode District.
2. It was found that the entire stretches of River Noyyal in Erode District are surrounded by agricultural lands.
3. River Water Samples were collected from the River Noyyal flowing in the Erode District at the following locations

Sl. No.	Sampling Points	Distance	Location
1.	River Noyyal at entry point at Kodumanal	100 th Km	Latitude – 11.112675 N Longitude – 77.496898 E
2.	River Noyyal at Orathupalayam Dam	104.3 th Km	Latitude – 11.108105 N Longitude – 77.540592 E
3.	River Noyyal at Unjakattuvalasu	111 th Km	Latitude - 11.1183888 N Longitude – 77.594715 E
4.	River Noyyal at Marudurai Bridge Kandappagoundenvalasu	117 th Km	Latitude - 11.115464 N Longitude – 77.6046214 E

4. The Report of Analysis (ROA) of these water samples are enclosed vide Annexure – I. The ROA reveals the presence of Fecal Coliform and Total Coliform indicates the discharge of sewage into River Noyyal. The range values of parameters analysed for River Noyyal at the above locations is submitted as below.

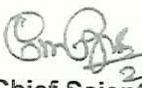
S.No.	Parameters	Range Values
1.	Turbidity* NTU	11.4 – 32.4
2.	Colour* mL	< 5
3.	Conductivity at 25°C μ mhos/cm	2040 - 3040
4.	pH at 25°C Number	8.06 – 8.13
5.	Total Suspended Solids at 103°C - 105°C mg/L	8 - 28
6.	TDS at 180°C mg/L	1344 - 2032
7.	Sulphate as SO ₄ mg/L	160 - 259
8.	Oil & Grease mg/L	< 4
9.	BOD (at 27°C for 3 days) mg/L	< 2 - 3.4
10.	COD mg/L	16 - 24
11.	Ammonical Nitrogen as NH ₃ - N mg/L	< 2
12.	Total Kjeldhal.Nitrogen mg/L	< 2 – 2.24
13.	Total Hardness as CaCO ₃ mg/L	530 - 720
14.	Iron Total as Fe mg/L	0.102 - 0.52
15.	Alkalinity as CaCO ₃ mg/L	400 - 530
16.	Ph.Compounds mg/L	< 0.05
17.	Nitrate Nitrogen as NO ₃ mg/L	0.7 - 0.979
18.	Cyanide mg/L	< 0.05
19.	Hexavalent Chromium mg/L	< 0.05
20.	Total Chromium mg/L	< 0.05
21.	Copper * mg/L	< 0.0015
22.	Zinc* mg/L	< 0.0015
23.	Lead* mg/L	< 0.015
24.	Cadmium* mg/L	< 0.0008
25.	Nickel* mg/L	< 0.006
26.	Arsenic* mg/L	< 0.01
27.	Mercury* mg/L	< 0.003
28.	Aluminium* mg/L	< 0.006
29.	Dissolved Oxygen mg/L	6 - 6.6

30.	Feacal Coliform MPN/100 ML	9.3 - 14
31.	Total Coliform MPN/100 ML	33 - 39

** Note : Most of the season, the River Noyyal is carrying municipal sewage & stillage water from residential area. Hence, the standards are not provided.

5. In addition to the above, O/o. Environmental Engineer (Flying Squad), Erode is regularly monitoring and analysing the water quality of River Noyyal at three locations namely, (i). Ekkatampalyam, Chennimalai (ii). Othapanai Bridge and (iii). Noyyal Village. The Consolidated Report of Analysis is also enclosed as **Annexure – II**.

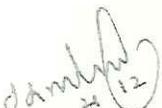
The DEE Office, Tamilnadu Pollution Control Board at Erode and Perundurai, Environmental Engineer (Flying Squad), Erode and the District Administration, Erode are monitoring the industries operated in Erode District and is monitoring Kalingarayan Canal, River Noyyal and other major water bodies flowing in Erode District. Surprise and Night inspections are also being carried out regularly. Violating industries found discharging effluent/not operating ETP are issued with orders for closure and disconnection of power supply immediately. Environmental Compensation is collected by TNPCB and District Co-ordination Committee from the violating industries.


21/12/2020
Deputy Chief Scientific Officer
District Environmental Laboratory
TNPCB, Perundurai


21/12
Commissioner
Erode City Municipal Corporation
Erode


21/12/20
District Environmental Engineer
TNPCB, Erode


21/12/20
Executive Engineer (WRO)
LBP Division, Erode


21/12/2020
Superintending Engineer,
Public Works Department (PWD)
Bhavani Basin Circle, Erode


District Collector,
Erode
21/12/2020



TAMILNADU POLLUTION CONTROL BOARD

From
D.Mohanambigai, M.Sc.,
Assistant Director (Lab),
Advanced Environmental Laboratory,
Tamilnadu Pollution Control Board,
1/276, Meyyanur Main Road,
SALEM - 636 004.

To
The District Environmental Engineer,
Tamilnadu Pollution Control Board,
Erode.

Report.No.358 /AEL/TNPCB/SLM/2020 -21 Dated: 21.12.2020

Sir,

Sub : Analysis of samples - Report of analysis & invoice
furnished - Reg.

Ref :	LAB CODE	1743 to 1746
	DEE CODE	RN - 1 to RN - 4
	Sample collection	17.12.2020

I am to furnish the Invoice and report of analysis of sample(s)
received at Advanced Environmental Laboratory, Tamilnadu Pollution Control
Board, Salem vide references cited above.

Bill No.	358
Dated	21.12.2020

Sl.No.	Description	No.of samples	Amount
1.	Analytical charges for Trade effluent/sewage/sludge/ water/river water samples	4	34,680/-
2.	Sampling charges (550x4) (Board's cost)		2,200/-
Total			36,880/-

Rupees Thirty six thousand eight hundred and eighty only)

One copy of the bill may be returned furnishing the required certificate
stipulated below to A.E.L., Salem

D. Mohanambigai
ASSISTANT DIRECTOR (LAB)
A.E.L., TNPCB, SALEM.

Encl.: Report of Analysis

CERTIFICATE

- (1) Certified that the rate of Analysis charges claimed in this Bill are in
accordance with the rates approved by Tamilnadu Pollution Control Board
and the total amount claimed in the invoice is accepted.
- (2) Certified that the amount of Lab Invoice No.-----Dated-----has been
accounted for Sl.No.----- at Page No.----- of the register of acceptance
issued for the year.
- (3) Certified that the analysis fees collected vide CR No.-----dt.-----for
Rs.-----

DISTRICT ENVIRONMENTAL ENGINEER
TNPCB, ERODE.



ADVANCED ENVIRONMENTAL LABOURATORY,
TAMILNADU POLLUTION CONTROL BOARD, SALEM-636004.
Accredited by NABL -(ISO/IEC 17025:2005)



REPORT OF ANALYSIS

1. Name and address of the sender				The District Environmental Engineer, Tamilnadu Pollution Control Board, Erode.			
2. Condition of seal, fastening and Container				Sealed / Unfastened Condition in Polythene carbuoy 2.5 Lits X 4 Nos. 1) DO Sample : Sterilized BOD Bottles Condition Vol. 300ml X 4 Nos. 2) Bacteriological Sample : Sterilized BOD Bottles Condition Vol. 300ml X 4 Nos.			
3. Nature of Sample				River Noyyal 4 Nos			
Sl.No	Point of Collection	Lab Code No.	DEE Code No.	Date & Time of collection	Date & Time of receipt at Lab	Latitude	Longitude
1	River Noyyal at entry point at Kodumanal	1743	RN - 1	17.12.2020 at 10.15 AM to 01.30 PM	17.12.2020 at 04.30 PM	11.112675 N	77.496898 E
2	River Noyyal at Orathupalayam Dam	1744	RN - 2			11.108105 N	77.540592 E
3	River Noyyal at Unjakattuvalasu	1745	RN - 3			11.1183888 N	77.594715 E
4	River Noyyal at Marudurai Bridge Kandappagounden valasu	1746	RN - 4			11.115464 N	77.604621 E


Dy.CSO


Assistant Director (Lab)
AEL-TNPCB-SALEM.



ADVANCED ENVIRONMENTAL LABORATORY,
TAMILNADU POLLUTION CONTROL BOARD, SALEM - 636 004.
Accredited by NABL - (ISO/IEC 17025:2005)

ULR- TC - 68742000001780 P to
ULR- TC - 68742000001783 P



Sl. No.	Parameters	Parameters Analyzed for Water Samples - Salem District.				Test Method
		River Noyyal at entry point at Kodumanal	River Noyyal at Orathupalayam Dam	River Noyyal at Ujjakattuvalasu	River Noyyal at Marudurai Bridge Kandappagoundenvalasu	
		17.12.2020 at 10.15 AM to 01.30 PM				
		17.12.2020 at 04.30 PM				
	Nature of samples	RN - 1	RN - 2	RN - 3	RN - 4	
	Point of Collection	1743	1744	1745	1746	
	Date of Collection	11.4	32.4	14.5	15.2	
	Date & Time of Receipt	<5	<5	<5	<5	
	DEE Code	2860	3040	2500	2040	APHA 23rd Edi. 2017 2130 B
	Lab Code	8.06	8.08	8.06	8.13	APHA 23rd Edi. 2017 2120 B
1	Turbidity*	8	28	16	20	APHA 23rd Edi. 2017 2510 B
2	Colour*	1868	2032	1648	1344	APHA 23rd Edi. 2017 4500 - H
3	Conductivity at 25°C	244	259	166	160	APHA 23rd Edi. 2017 2540 - C
4	pH at 25°C	<4	<4	<4	<4	APHA 23rd Edi. 2017 - 4500 E
5	Total Suspended Solids at 103°C - at 105°C	3.4	3.3	3.0	<2	APHA 23rd Edi. 2017 5520 - D
6	TDS at 180°C	24	24	24	16	IS3025 (P44) 1993 Reaffirmed 2009
7	Sulphates as SO4	<2	<2	<2	<2	APHA 23rd Edi. 2017 5220 B
8	Oil & Grease	2.24	2.24	<2	<2	APHA 23rd Edi. 2017 4500 - NH3 C
9	BOD (at 27°C for 3 days)	670	720	620	530	APHA 23rd Edi. 2017 4500 -Norg B
10	COD					APHA 23rd Edi. 2017 2340 C
11	Ammonical Nitrogen as NH ₃ -N					
12	Total Kjeldahl Nitrogen					
13	Total Hardness as CaCO ₃					

ADVANCED ENVIRONMENTAL LABORATORY,
TAMILNADU POLLUTION CONTROL BOARD, SALEM - 636 004.
Accredited by NABL - (ISO/IEC 17025:2005)



ULR- TC - 68742000001780 P to
ULR- TC - 68742000001783 P

Sl. No.	Parameters	Nature of samples	River Noyyal				Test Method
			River Noyyal at entry point at Kodumanal	River Noyyal at Orathupalayam Dam	River Noyyal at Unjakkattavalasu	River Noyyal at Marudurai Bridge Kandappagoundenvalasu	
		Date of Collection	17.12.2020 at 10.15 AM to 01.30 PM				
		Date & Time of Receipt	17.12.2020 at 04.30 PM				
		DEE Code	RN - 1	RN - 2	RN - 3	RN - 4	
		Lab Code	1743	1744	1745	1746	
14	Iron Total as Fe	mg/l	0.390	0.418	0.102	0.520	APHA 23rd Edi. 2017 3500-Fe B
15	Alkalinity as CaCO3	mg/l	500	530	450	400	APHA 23rd Edi. 2017 2320 B
16	Ph.Compounds	mg/l	<0.05	<0.05	<0.05	<0.05	APHA 23 rd Edi. 2017 5530 C
17	Nitrate Nitrogen as NO3	mg/l	0.700	0.843	0.979	0.907	APHA 23rd Edi. 2017 4500 - NO3- B
18	Cyanide	mg/l	<0.05	<0.05	<0.05	<0.05	APHA 23rd Edi.2017 4500-CN-E
19	Hexavalent Chromium	mg/l	<0.05	<0.05	<0.05	<0.05	APHA 23rd Edi. 2017 3500-Cr B
20	Total Chromium	mg/l	<0.05	<0.05	<0.05	<0.05	APHA 23rd Edi. 2017 3500-Cr B
21	Copper*	mg/l	<0.0015	<0.0015	<0.0015	<0.0015	APHA 23 rd Edi. 2017 3111. B
22	Zinc*	mg/l	<0.0015	<0.0015	<0.0015	<0.0015	APHA 23 rd Edi. 2017 3111. B
23	Lead*	mg/l	<0.015	<0.015	<0.015	<0.015	APHA 23 rd Edi. 2017 3111. B
24	Cadmium*	mg/l	<0.0008	<0.0008	<0.0008	<0.0008	APHA 23 rd Edi. 2017 3111. B
25	Nickel*	mg/l	<0.006	<0.006	<0.006	<0.006	APHA 23 rd Edi. 2017 3111. B

ADVANCED ENVIRONMENTAL LABORATORY,
TAMILNADU POLLUTION CONTROL BOARD, SALEM - 636 004.
Accredited by NABL - (ISO/IEC 17025:2005)



ULR- TC - 68742000001780 P to
ULR- TC - 68742000001783 P

Sl. No.	Parameters	Nature of samples	River Noyyal				Test Method
			River Noyyal at entry point at Kodumanal	River Noyyal at Orathupalayam Dam	River Noyyal at Unjakattuvalasu	River Noyyal at Marudurai Bridge Kandappagoundenyalasu	
		Date of Collection	17.12.2020 at 10.15 AM to 01.30 PM				
		Date & Time of Receipt	17.12.2020 at 04.30 PM				
		DEE Code	RN - 1	RN - 2	RN - 3	RN - 4	
		Lab Code	1743	1744	1745	1746	
26	Arsenic*	mg/l	<0.01	<0.01	<0.01	<0.01	APHA 23rd Edi. 2017 3500 As-B
27	Mercury*	mg/l	<0.003	<0.003	<0.003	<0.003	APHA 23rd Edi. 2017 3112. B
28	Aluminium*	mg/l	<0.006	<0.006	<0.006	<0.006	APHA 23rd Edi. 2017 3500 Al B
29	Dissolved Oxygen	mg/l	6.6	6.1	6.0	6.6	APHA 23rd Edi. 2017 4500-OC.
30	Feacal Coliform*	MPN/ 100ML	12	14	9.3	11	APHA 23 rd Edi.2017 9221 E
31	Total Coliform*	MPN/ 100ML	38	39	34	33	APHA 23 rd Edi.2017 9221 B

Page No. 3 of 3

Note: 1) < = Indicates Less than Minimum Detectable Limit.
2) *The parameter marked with an * are not accredited by NABL".

- End of Test Report -

[Signature]
Dy.CSO

[Signature]
Assistant Director (Lab)
AEL-TNPCB-SALEM.

Consolidated Report of Analysis of River Water Samples collected at River Noyyal by the O/o.EE(Flying Squad), TNPCB, Erode

Sl. No.	Parameters	February 2020			May 2020			October 2020			November 2020		
		Ekkattam palayam	Noyyal village		Ekkattam palayam	Noyyal village		Ekkattam palayam	Othapanai Bridge	Noyyal village	Ekkattam palayam	Othapanai Bridge	Noyyal village
1.	pH	7.68	7.64		8.28	8.13		8.33	8.72	8.53	7.60	8.10	8.22
2.	Total Suspended Solids	16	54		40	48		76	60	28	16	4	4
3.	Total Dissolved Solids	1860	2032		2416	3584		1660	1184	1132	1264	776	844
4.	Chloride (as Cl)	595	795		870	1670		670	455	395	505	250	270
5.	Sulphate (as SO ₄)	243	306		362	531		304	204	213	297	169	161
6.	BOD (3 days @ 27°C)	6	14		12	9		4	2	3	7	6	4
7.	Chemical Oxygen Demand	48	120		104	72		32	16	24	48	56	40
8.	Oil & grease	<4	<4		<4	<4		<4	<4	<4	<4	<4	<4
9.	% Sodium	98	98		--	--		--	--	--	--	--	--
10.	TKN	<5	6		<5	<5		<5	<5	<5	6	<5	<5
11.	Phenolic compound	<0.005	<0.005		<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Handwritten signature

Environmental Engineer(Flying Squad),
TNPC Board, Erode.



Tamilnadu Pollution Control Board

District Environmental Laboratory - Perundurai

E mail : perunduroilab@gmail.com

Report No : W / 8534 / DEL / PRI / 2019 - 20 / 28.02.2020

- 1 Sample sent by : The DEE , TNPCB , Erode
- 2 Sample collected by : A.E.E
- 3 Date & time of collection : 13.02.2020 @ 11.30 Hrs
- 4 Date & time of sample receipt : 13.02.2020 @ 16.15 Hrs
- 5 Details of samples received : Two number of River water
- 6 Point of collection & nature :

a	FS - 2/1	Ekkattamapalayam (D/s of	Noyyal River water
b	FS - 2/2	Noyyal village (Confluence point of	Noyyal River water

REPORT OF ANALYSIS

Sl No	Parameter	code no.	FS - 2/1	FS - 2/2
			1306	1307
1	pH	number	7.68	7.64
2	Total Suspended Solids	mg/L	16	24
3	Total Dissolved Solids	mg/L	1860	2032
4	Chloride (as Cl)	mg/L	595	795
5	Sulphate (as SO ₄)	mg/L	243	306
6	BOD (3 days @ 27°C)	mg/L	6	14
7	Chemical Oxygen demand	mg/L	48	120
8	Oil & grease	mg/L	< 4	< 4
9	% Sodium	mg/L	98	98
10	TKN	mg/L	< 5	6
11	Phenolic compound	mg/L	< 0.005	< 0.005

DCSO

Day Chief Scientific Officer
 District Environment Laboratory
 Tamilnadu Pollution Control Board
 Perundurai.

ROA of : M/s



Tamilnadu Pollution Control Board

District Environmental Laboratory - Perundurai

Email : perunduroilab@gmail.com

Letter No : TNPCB / DEL / PND / ROA / 2020 - 2021

06.06.2020

- 1 Sample sent by : The DEE , TNPCB , Erode
- 2 Sample collected by : M . Selvakumar , AE
- 3 Date & time of collection : 18.05.2020 @ 11.40 Hrs
- 4 Date & time of sample receipt : 19.05.2020 @ 11.20 Hrs
- 5 Details of samples received : Two number of River water
- 6 Point of collection & nature :

a	1 / 5	Ekkattampalayam (D/S of Orathupalayam Dam)	River water
b	2 / 5	Noyyal village (Confluence point of Noyyal river in river Cauvery)	River water

REPORT OF ANALYSIS

Sl No	Parameter	code no.	1 / 5	2 / 5
			29	30
1	pH	number	8.28	8.13
2	Total Suspended Solids	mg / L	40	48
3	Total Dissolved Solids	mg / L	2416	3584
4	Chloride (as Cl)	mg / L	870	1670
5	Sulphate (as SO4)	mg / L	362	531
6	BOD (3 days @ 27°C)	mg / L	13	9
7	Chemical Oxygen demand	mg / L	104	72
8	Oil & grease	mg / L	< 4	< 4
9	% Sodium	mg / L	*	*
10	TKN	mg / L	< 5	< 5
11	Phenolic Compound	mg / L	< 0.005	< 0.005

* The Sample couldnot be analysed due to instrument repair

(Signature)
 Dy Chief Scientific Officer
 District Environment Laboratory
 Tamilnadu Pollution Control Board
 Perundurai.

ROA of : M/s



Tamilnadu Pollution Control Board

District Environmental Laboratory – Perundurai

E mail : perundurailab@gmail.com

Report No : W / 8630 / DEL / PRI / 2020 - 21 / 13.11.2020

- 1 Sample sent by : The DEE , TNPCB , Erode
- 2 Sample collected by : Flying Squad
- 3 Date & time of collection : 22.10.2020 @ 12.30 Hrs
- 4 Date & time of sample receipt : 22.10.2020 @ 16.20 Hrs
- 5 Details of samples received : , Three number of Noyyal River Water
- 6 Point of collection & nature :

a	10 / 1	Ekkattampalayam (D/S of Orathupalayam Dam)	River Water
b	10 / 2	Othapanai Bridge	River Water
c	10 / 3	Noyyal village (Confluence point of Noyyal river in river Cauvery)	River Water

REPORT OF ANALYSIS

Sl No	Parameter	units	10/1	10/2	10/3
			522	523	524
1	pH	number	8.33	8.72	8.53
2	Total Suspended Solids	mg/L	76	60	28
3	Total Dissolved Solids	mg/L	1660	1184	1132
4	Chloride (as Cl)	mg/L	670	455	395
5	Sulphate (as SO ₄)	mg/L	304	204	213
6	BOD (3 days @ 27°C)	mg/l	4	2	3
7	Chemical Oxygen demand	mg/L	32	16	24
8	Oil & grease	mg/L	< 4	< 4	< 4
9	Phenolic Compounds	mg/L	< 5	< 5	< 5
10	TKN	mg/L	< 0.005	< 0.005	< 0.005


 Deputy Chief Scientific Officer,
 District Environmental Laboratory
 Tamilnadu Pollution Control Board
 Perundurai

Rs 7680

ROA of : M/s



Tamilnadu Pollution Control Board

District Environmental Laboratory - Perundurai

Email : perundurailab@gmail.com

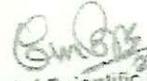
Report No : W / 8641 / DEL / PRI / 2020 - 21 / 28.11.2020

- 1 Sample sent by : The DEE , TNPCB , Erode
- 2 Sample collected by : Flying Squad
- 3 Date & time of collection : 18.11.2020 @ 11.30 Hrs
- 4 Date & time of sample receipt : 18.11.2020 @ 15.45 Hrs
- 5 Details of samples received : Three number of Noyyal River Water
- 6 Point of collection & nature :

a	11 / 1	Ekkattampalayam (D/s of Orathupalayam Dam)	River Water
b	11 / 1	Othapanai	River Water
c	11 / 1	Noyyal Village (Confluence point of Noyyal river in reiver Cauvery)	River Water

REPORT OF ANALYSIS

Sl No	Parameter	code no.	11/1	11/1	11/1
			619	620	621
1	pH	number,	7.60	8.10	8.22
2	Total Suspended Solids	mg/L	16	4	4
3	Total Dissolved Solids	mg/L	1264	776	844
4	Chloride (as Cl)	mg/L	505	250	270
5	Sulphate (as SO ₄)	mg/L	297	169	161
6	BOD (3 days @ 27°C)	mg/L	7	6	4
7	Chemical Oxygen demand	mg/L	48	56	40
8	Oil & grease	mg/L	< 4	< 4	< 4
9	TKN	mg/L	6	< 5	< 5
10	Phenolic Compounds		< 0.005	< 0.005	< 0.005


 Deputy Chief Scientific Officer,
 District Environmental Laboratory
 Tamilnadu Pollution Control Board
 Perundurai

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

Original Application No. 163 of 2020 (SZ)

Tribunal on its own motion-
SUO MOTU Based on the News item in
Dinamalar Newspaper, Chennai Edition
dated 21.08.2020, "Halfwits dumped
Aluminium waste in Canal"

...Applicants

Vs

The Chief Secretary to Govt. of Tamil
Nadu, Govt Secretariat, Fort St. George
Chennai, Tamil Nadu – 600009 & 7 Others

...Respondents

**Comprehensive report of the Joint
Committee constituted by the Hon'ble
NGT (SZ) Chennai in O.A.No. 163 of
2020 reg. Kalingarayan Canal Water
Pollution & River Noyyal pertaining to
Erode District**

**Advocate for Respondent No. 7
Thiru. Kasirajan
Advocate, Chennai.**

Date: 22.12.2020