



TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory - Perundurai

From

P. Sakthivel M.Sc., M.Phil.,
Chief Scientific Officer
District Environmental Laboratory
Tamilnadu Pollution Control Board
Plot No : J2 (W), Near SIPCOT arch
Kovai main road, Olappalayam - PO
Perundurai - 638 052

To

The Chairman
Olirum Erodu Foundation
119, Power house road
Erode - 638001

Lr. No : F : O 1 / TNPCB / DEL - PRI / AAQS / 2018 - 2019 / dt : 14 . 02 . 19

Sir,

Sub : Furnishing of the report of analysis of Ambient Air Quality / Source emission monitoring / Ambient Noise Level Survey - Regarding.

Ref : 1 TO Lr No : AAQS / DEL / PRI / 56 / 18 dated 08 . 02 . 19
2 DEE office letter no : F - LB / DEE / ERD / 2019 dated 08 . 02 . 19
3 Your Advance payments - C R No : 47574 dated 12 . 02 . 19
4 DEL, Perundurai - AAQ report No : 24 dated 14 . 02 . 19

I furnish herewith the report of analysis of the stack monitoring survey conducted at the Erode municipal corporation's - municipal solid waste handling facility (Vairapalayam - incinerator) on 13 . 02 . 19 along with a bill for Rs 9300 towards the charges for the above sampling , analysis and reports .

Kindly acknowledge the receipt of this report .

14/2/19

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

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- 1 The Deputy Director Tamil nadu Pollution Control Board , Chennai
- 2 The District Environmental Engineer TNPC Board Erode
- 3 The industry file no : O 1 / SDR page No 112

This report contains total three pages in all.

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Pollution prevention pays



TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory - Perundurai

Source Emission monitoring

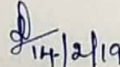
Report No : SM : / DEL - PRI / 2018 - 19


Date 14 . 02 . 19

1	Name of the customer	Olirum Erodu Foundation
2	Address of the customer	119 , Power house road Erode - 638001
3	Name of the local body	Erode Muncipal Corporation
4	Name of the incinerator facility	Vairapalayam MSW handling facility
5	Place of the incinerator facility	Erode corporation - Vairapalayam
6	Incinerator project executed by	MAK India Limited 7 / 41 - B , Avinashi road, Civil Aerodrome - PO Coimbatore - 641014
7	Date of monitoring	13 . 02 . 19 at 10.30 Hrs
8	Point source attached to	Erode Muncipal Corporation - Vairapalayam site Muncipal solid waste incinerator
9	Incinerator feed / fuel	Muncipal solid waste (partially sun dried)
10	APC measure attached	Venturi Water scrubber
11	Quantity of MSW incinerated	28 Ton
12	Incinerator designed capacity	50 Ton
13	Percentage of utilisation	56 %

Report of analysis - Stack emissions

a)	Flue gas temperature	:	318	Kelvin
b)	Flue gas velocity	:	4.25	Metres / second
c)	Flue gas discharge	:	4116	Nm3 / hour
d)	Suspended particulate matter	:	82.2	milligram / cubic meter
e)	Sulphur di oxide	:	4.27	milligram / cubic meter
f)	Nitrogen di oxide	:	3.03	milligram / cubic meter


14/2/19
DCSO


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Chief Scientific Officer
District Environment Laboratory
Tamilnadu Pollution Control Board
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District Environmental Laboratory - Perundurai

BILL

No 24 / DEL - PRI / 2018 - 19

14 . 02 . 19

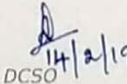
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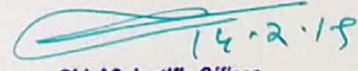
Olirum Erodu Foundation
119 , Power house road
Erode - 638001

Ref : 1) Lab file No & demand Lr. No : O 1 56 dated 08 . 02 . 19
2) AAQ / SM / ANLS report No : 24 2018 - 2019 dated 14 . 02 . 19

Sl. No.	Particulars	Qty	Rate per station	Amount (in rupees)
Sampling charges				
1	Ambient Air Particulates - 2.5 μ		2000	
2	Ambient Air Particulates - 10 μ		2000	
3	Source Emission	1	7500	7500
4	Ambient Noise 1st five stations		4000	
5	Ambient Noise Each addl. station		300	
Testing charges				
		AAQM	SM	
6	Particulate Matter 2.5 μ			1000
7	Particulate Matter 10 μ	1	1	600
8	Sulphur di-oxide	1	1	600
9	Nitrogen di oxide	1	1	600
10				
11				
12				
13	Total amount payable			9300
14	Advance 1 paid	vide C R No 47574 dt 12 . 02 . 19		9300
15	Less Advance 2 paid	vide C R No dt -----		-----
16	Balance available	vide report No dt -----		-----
17	Balance to pay	[by the unit]		NIL
18	Balance available	[with the TNPC board]		NIL

SDR page


DCSO


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