

BEFORE THE NATIONAL GREEN TRIBUNAL (SZ)
BENCH AT CHENNAI
Original Application No.169 of 2025

M. Asraf Ali
S/o.Mohammed Sharif
12, Balaiya Avenue,
Luz Church Road, Mylapore,
Chennai - 04
e-mail: office@arklawindia.com

...Applicant

vs

1. Tamil Nadu Pollution Control Board,
Rep. by District Environmental Engineer,
Chennai South District Office,
1st Floor, No. 14, 2nd Main Road,
Jagannathapuram, Rajalakshmi Nagar,
Velachery, Chennai – 600 042
e-mail: deechs@tnpcb.gov.in
2. Commissioner of Police,
Greater Chennai Police,
No.132, Commissioner Office Building
EVK Sampath Road,
Vepery, Chennai – 600 007
e-mail: cop.chncity@tncctns.gov.in
3. The Inspector of Police
E 1 Police Station,
Kutchery Road,
Madhavaperumalpuram,
Mylapore, Chennai – 600 004
e-mail: mylaporerereps2004@gmail.com
4. Appaswamy Real Estates
Rep. by its authorized representative
No.3, Mangesh Street, T.Nagar
Chennai – 600 017
e-mail: info@appaswamy.com

...Respondents

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Certified that the above are true copies of Originals and dated at Chennai on this
the 12th day of December 2025.



COUNSEL FOR THE 4TH RESPONDENT



Eco Tech Labs Pvt Ltd

NABET & NABL ACCREDITED AND MOEF & CC RECOGNISED LABORATORY
ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company



TC-13860

Plot No.48A, 2nd Main Road, Ram Nagar South Extension, Pallikaranai, Chennai - 600 100.

Phone : 98400 87542, Email : info@ecotechlabs.in / lab@ecotechlabs.in, Website : www.ecotechlabs.in

NABL Accredited Testing Laboratory Vide Certificate No. TC-13860

TEST REPORT

ULR No: TC1386025000002055F

Report No : TRETLO625215

Report Date : 30.06.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu

Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004

Sample Name : Ambient Air Quality Sample Description : Ambient air

Sample Code : ETL0625232 Sample Condition : -

Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 23.06.2025

Sampling Plan & Procedure : ETL/QAD/SOP/09 Received date : 23.06.2025

Sample Location : Near Security Office (Kamadhenu) Commenced on : 23.06.2025

Customer Reference : - Completed on : 28.06.2025

Instrument ID & Validity : ETL/CHL/INS- 040/041/052 & 08.06.2025
ETL/CHL/INS- 108 & 16.01.2026
ETL/CHL/INS- 046 & 27.01.2026

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units	NAAQ Standards: 2009	
1	Sulphur Dioxide	IS: 5182 (P- 2)Sec:1 : 2023	30.3	µg/m ³	80 (24 Hours)	50 (Annual)
2	Oxides of Nitrogen	IS: 5182 (P- 6) :2006	38.2	µg/m ³	80 (24 Hours)	40 (Annual)
3	Respirable Suspended Particulate Matter (PM10)	IS: 5182 (P-23) :2006	64.4	µg/m ³	100 (24 Hours)	60 (Annual)
4	Particulate Matter (PM 2.5)	IS:5182 (P-24) : 2019	32.1	µg/m ³	60 (24 Hours)	40 (Annual)
5	Carbon monoxide	ETL/CHL/SOP/008 : 2020	BQL(LOQ :1.15)	mg/m ³	4 (1 Hour)	2 (8 hours)
6	Lead	IS: 5182 (P- 22 :2004)	BQL(LOQ :0.025)	µg/m ³	1 (24 Hours)	0.5 (Annual)
7	Ozone	IS: 5182 (P- 9) :2019	BQL(LOQ :20)	µg/m ³	180 (1 Hour)	100 (8 Hours)
8	Ammonia	IS:5182 : (P-25) : 2018	BQL (LOQ: 20)	µg/m ³	400 (24 Hours)	100 (Annual)
9	Benzene	IS: 5182 (P- 11) :2006	BQL(LOQ :2.5)	µg/m ³	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	IS: 5182 (P-12) :2004	BQL (LOQ: 1.0)	ng/m ³	1 (Annual)	1 (Annual)
11	Arsenic	ETL/INS/SOP/002 : 2016	BQL (LOQ: 1.0)	ng/m ³	6 (Annual)	6 (Annual)
12	Nickel	IS: 5182 (P-26) : 2020	BQL (LOQ: 2.5)	ng/m ³	20 (Annual)	20 (Annual)

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

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TEST REPORT

ULR No: TC138602500002056F

Report No : TRET0625216

Report Date : 30.06.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Project Site : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Stack Emission
Sample Code : ETL0625233
Sample Drawn By : Eco Tech Labs P.Ltd
Sampling Plan & Procedure : ETL/QAD/SOP/10
Sample Location : Security Gate DG 82.5 KVA
Customer Reference : -
Instrument ID & Validity : ETL/CHL/INS- 042 & 16.01.2026
ETL/CHL/INS-057 & 19.02.2026
Sample Description : DG Stack
Sample Condition : Good
Sampling date : 23.06.2025
Received date : 23.06.2025
Commenced on : 23.06.2025
Completed on : 28.06.2025

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units
1	Particulate Matter	IS: 11255 (P -1) 1985 (RA:2019)	6.5	mg/Nm ³
2	Sulphur Dioxide	IS: 11255 (P -2) 1985 (RA:2018)	6.8	mg/Nm ³
3	Oxides of Nitrogen	IS:11255 (P -7) 2005 (RA :2022)	58.1	mg/Nm ³
4	Carbon monoxide	IS : 13270: 1992 (RA : 2019)	BQL(LOQ:0.2)	%
5	Flow Rate	IS: 11255 (P -3) (RA:2019)	302	Nm ³ /hr

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



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TEST REPORT

ULR No: TC1386025000002057F

Report No : TRET0625217

Report Date : 30.06.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Noise Monitoring
Sample Code : ETL0625234 to ETL0625238 Sample Description : Ambient Noise
Sample Drawn By : Eco Tech Labs P.Ltd Sample Condition : -
Sampling Plan & Procedure : ETL/CHL/IOP/035 Sampling date : 23.06.2025
Customer Reference : - Received date : 23.06.2025
Instrument ID & Validity : ETL/CHL/INS-117 & 28.07.2025

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Location(Kamadhenu)	Time (hrs)	Day Time Noise level in dB (A)
1	East	13.00	53.2
2	West	13.30	52.7
3	North	14.00	53.4
4	South	14.30	52.1
5	Site Office	15.00	53.3

CPCB Limits:

- i) Industrial Area : Day Time - 75 dB (A); Night Time - 70 dB(A)
ii) Commercial Area : Day Time - 65 dB (A); Night Time - 55 dB(A)
iii) Residential Area : Day Time - 55 dB (A); Night Time - 45 dB(A)
iv) Silence Zone : Day Time - 50 dB (A); Night Time - 40 dB(A)
v) Working Zone : Day Time - 90 dB (A)

End of Report



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Lab Manager

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TEST REPORT

ULR No: TC1386025000002058F

Report No : TRETLO625218

Report Date : 30.06.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Soil Sample Description : -
Sample Code : ETL0625239 Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 23.06.2025
Sampling Plan & Procedure : ETL/QAD/SOP/08 Received date : 23.06.2025
Sample Location : East Side Commenced on : 23.06.2025
Customer Reference : - Completed on : 28.06.2025

I.CHEMICAL TESTING

1. Pollution & Environment

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:2720 (P-26) 1987,RA:2021	7.73	-
2	Electrical Conductivity	IS:14767,2016	1.33	mS/cm
3	Water Content	IS 2720(Part 2):1973 RA 2020	5.65	%
4	Chloride	FAO 2007(Page No- 48): 2020	149	mg/kg
5	Soluble Calcium as Ca	FAO 2007(Page No- 44): 2020	24.3	mg/kg
6	Soluble Sodium	FAO 2007(Page No- 44): 2020	551	mg/kg
7	Soluble Potassium	FAO 2007(Page No- 44): 2020	284	mg/kg
8	Organic Matter	IS:2720 (P-22) 1972, RA:2020	39.8	%
9	Magnesium as Mg	FAO 2007(Page No- 44): 2020	BQL(LOQ:10)	mg/kg
10	Total Soluble Sulphates	IS:2720 (P-27) 1977 RA:2020	292	mg/kg
11	Cation Exchange Capacity	IS:2720 (P-24) 1976;RA:2010	30.2	meq/100g
12	Carbonate	FAO 2007(Page No- 46): 2020	Nil	mg/kg
13	Bicarbonate	FAO 2007(Page No- 46): 2020	73.3	mg/kg

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



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Lab Manager

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TEST REPORT

ULR No: TC1386025000002059F

Report No : TRETLO625219

Report Date : 30.06.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Project Site : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Water Sample Description : Well Water
Sample Code : ETL0625240 Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 23.06.2025
Sampling Plan & Procedure : ETL/QAD/SOP/07 Received date : 23.06.2025
Sample Location : North East Side Commenced on : 23.06.2025
Customer Reference : - Completed on : 28.06.2025

I.CHEMICAL TESTING

1. Water

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:3025(P -11)1983 RA: 2022	7.89	-
2	Electrical Conductivity	IS:3025(P -14) 2013	1138	µS/cm
3	Colour	IS:3025 (P -4)1983 RA: 2021	BQL(LOQ:5)	Hazen Unit
4	Turbidity	IS:3025(P -10)1984 RA: 2023	BQL(LOQ:1)	NTU
5	Total Dissolved Solids	APHA 24 th Edn.2540-C-2023	689	mg/L
6	Total Suspended Solids	IS:3025(P-17)-1984 RA:2022	BQL(LOQ:2)	mg/L
7	Total Hardness as CaCO ₃	APHA 24 th Edn.-2340-C -2023	354	mg/L
8	Calcium as Ca	APHA 24 th Edn.- 3500-B -2023	69.7	mg/L
9	Magnesium as Mg	APHA 24 th Edn-3500 Mg-B-2023	43.8	mg/L
10	Chloride as Cl	IS:3025(P -32)-1988 RA: 2019	137	mg/L
11	Sulphate as SO ₄	APHA 24 th Edn-4500 So4-E-2023	149	mg/L
12	Total Alkalinity as CaCO ₃	APHA 24 th Edn-2320 B-2023	240	mg/L
13	Iron as Fe	IS 3025 (PART 53): 2014	BQL(LOQ:0.1)	mg/L
14	Silica as SiO ₂	IS:3025(P -35)1988 RA: 2023	22.2	mg/L

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

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S. Kokila
Lab Manager

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Plot No.48A, 2nd Main Road, Ram Nagar South Extension,
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Phone : 9840087542, Email : lab@ecotechlabs.in/ info@ecotechlabs.in , Website : www.ecotechlabs.in

TEST REPORT

Report No : ETLS/A/154/250725

Report Date : 02.08.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Ambient Air Quality Sample Description : Ambient air
Sample Code : ETLS0725257 Sample Condition : -
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 25.07.2025
Sampling Plan & Procedure : ETL/QAD/SOP/09 Received date : 25.07.2025
Sample Location : Near Steel Yard (Kamadhenu) Commenced on : 25.07.2025
Customer Reference : - Completed on : 31.07.2025
Instrument ID & Validity : ETL/CHL/INS-038/039/048 & 08.06.2026
ETL/CHL/INS-108 & 16.01.2026
ETL/CHL/INS- 046 & 27.01.2026

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units	NAAQ Standards: 2009	
1	Sulphur Dioxide	IS: 5182 (P- 2)Sec:1 : 2023	28.6	µg/m ³	80 (24 Hours)	50 (Annual)
2	Oxides of Nitrogen	IS: 5182 (P- 6) :2006	35.8	µg/m ³	80 (24 Hours)	40 (Annual)
3	Respirable Suspended Particulate Matter (PM10)	IS: 5182 (P-23) :2006	62.2	µg/m ³	100 (24 Hours)	60 (Annual)
4	Particulate Matter (PM 2.5)	IS:5182 (P-24) : 2019	31.2	µg/m ³	60 (24 Hours)	40 (Annual)
5	Carbon monoxide	ETL/CHL/SOP/008 : 2020	BQL(LOQ :1.15)	mg/m ³	4 (1 Hour)	2 (8 hours)
6	Lead	IS: 5182 (P- 22 :2004)	BQL(LOQ :0.025)	µg/m ³	1 (24 Hours)	0.5 (Annual)
7	Ozone	IS: 5182 (P- 9) :2019	BQL(LOQ :20)	µg/m ³	180 (1 Hour)	100 (8 Hours)
8	Ammonia	IS:5182 : (P-25) : 2018	BQL (LOQ: 20)	µg/m ³	400 (24 Hours)	100 (Annual)
9	Benzene	IS: 5182 (P- 11) :2006	BQL(LOQ :2.5)	µg/m ³	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	IS: 5182 (P-12) :2004	BQL (LOQ: 1.0)	ng/m ³	1 (Annual)	1 (Annual)
11	Arsenic	ETL/INS/SOP/002 : 2016	BQL (LOQ: 1.0)	ng/m ³	6 (Annual)	6 (Annual)
12	Nickel	IS: 5182 (P-26) : 2020	BQL (LOQ: 2.5)	ng/m ³	20 (Annual)	20 (Annual)

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
Lab Manager

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TEST REPORT

Report No : ETLS/SE/155/250725

Report Date : 02.08.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Project Site : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Stack Emission Sample Description : DG Stack
Sample Code : ETLS0725258 Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 25.07.2025
Sampling Plan & Procedure : ETL/QAD/SOP/10 Received date : 25.07.2025
Sample Location : Near Security Office DG 82.5 KVA Commenced on : 25.07.2025
Customer Reference : - Completed on : 31.07.2025
Instrument ID & Validity : ETL/CHL/INS- 042 & 16.01.2026
ETL/CHL/INS-057 & 19.02.2026

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units
1	Particulate Matter	IS: 11255 (P -1) 1985 (RA:2019)	5.41	mg/Nm ³
2	Sulphur Dioxide	IS: 11255 (P -2) 1985 (RA:2018)	5.75	mg/Nm ³
3	Oxides of Nitrogen	IS:11255 (P -7) 2005 (RA :2022)	79.0	mg/Nm ³
4	Carbon monoxide	IS : 13270: 1992 (RA : 2019)	BQL(LOQ:0.2)	%
5	Flow Rate	IS: 11255 (P -3) (RA:2019)	309	Nm ³ /hr

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



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Lab Manager

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TEST REPORT

Report No : ETLS/N/156/250725

Report Date : 02.08.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Noise Monitoring
Sample Code : ETLS0725259 to ETLS0725263 Sample Description : Ambient Noise
Sample Drawn By : Eco Tech Labs P.Ltd Sample Condition : -
Sampling Plan & Procedure : ETL/CHL/IOP/035 Sampling date : 25.07.2025
Customer Reference : - Received date : 25.07.2025
Instrument ID & Validity : ETL/CHL/INS-140 & 28.07.2025

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Location(Kamadhenu)	Time (hrs)	Day Time Noise level in dB (A)
1	East	14.00	54.2
2	West	14.30	53.9
3	North	15.00	54.3
4	South	15.30	53.5
5	Site Office	16.00	54.1

CPCB Limits:

- i) Industrial Area : Day Time - 75 dB (A); Night Time - 70 dB(A)
ii) Commercial Area : Day Time - 65 dB (A); Night Time - 55 dB(A)
iii) Residential Area : Day Time - 55 dB (A); Night Time - 45 dB(A)
iv) Silence Zone : Day Time - 50 dB (A); Night Time - 40 dB(A)
v) Working Zone : Day Time - 90 dB (A)

End of Report



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TEST REPORT

Report No : ETLS/S/157/250725

Report Date : 02.08.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Soil Sample Description : -
Sample Code : ETLS0725264 Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 25.07.2025
Sampling Plan & Procedure : ETL/QAD/SOP/08 Received date : 25.07.2025
Sample Location : North Side Commenced on : 25.07.2025
Customer Reference : - Completed on : 31.07.2025

I.CHEMICAL TESTING

1. Pollution & Environment

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:2720 (P-26) 1987,RA:2021	7.55	-
2	Electrical Conductivity	IS:14767,2016	1.22	mS/cm
3	Water Content	IS 2720(Part 2):1973 RA 2020	6.12	%
4	Chloride	FAO 2007(Page No- 48): 2020	137	mg/kg
5	Soluble Calcium as Ca	FAO 2007(Page No- 44): 2020	23.1	mg/kg
6	Soluble Sodium	FAO 2007(Page No- 44): 2020	540	mg/kg
7	Soluble Potassium	FAO 2007(Page No- 44): 2020	177	mg/kg
8	Organic Matter	IS:2720 (P-22) 1972, RA:2020	0.45	%
9	Magnesium as Mg	FAO 2007(Page No- 44): 2020	BQL(LOQ:10)	mg/kg
10	Total Soluble Sulphates	IS:2720 (P-27) 1977 RA:2020	277	mg/kg
11	Cation Exchange Capacity	IS:2720 (P-24) 1976;RA:2010	23.4	meq/100g
12	Carbonate	FAO 2007(Page No- 46): 2020	NIL	mg/kg
13	Bicarbonate	FAO 2007(Page No- 46): 2020	71.8	mg/kg

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

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TEST REPORT

Report No : ETLS/W/158/250725

Report Date : 02.08.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Project Site : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Water
Sample Code : ETLS0725265
Sample Drawn By : Eco Tech Labs P.Ltd
Sampling Plan & Procedure : ETL/QAD/SOP/07
Sample Location : North East Side
Customer Reference : -
Sample Description : Bore Well
Sample Condition : Good
Sampling date : 25.07.2025
Received date : 25.07.2025
Commenced on : 25.07.2025
Completed on : 31.07.2025

I.CHEMICAL TESTING

1. Water

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:3025(P -11)1983 RA: 2022	7.14	-
2	Electrical Conductivity	IS:3025(P -14) 2013	1136	µS/cm
3	Colour	IS:3025 (P -4)1983 RA: 2021	BQL(LOQ:5)	Hazen Unit
4	Turbidity	IS:3025(P -10)1984 RA: 2023	BQL(LOQ:1)	NTU
5	Total Dissolved Solids	APHA 24 th Edn.2540-C-2023	659	mg/L
6	Total Suspended Solids	IS:3025(P-17)-1984 RA:2022	BQL(LOQ:2)	mg/L
7	Total Hardness as CaCO ₃	APHA 24 th Edn.-2340-C -2023	238	mg/L
8	Calcium as Ca	APHA 24 th Edn.- 3500-B -2023	58.2	mg/L
9	Magnesium as Mg	APHA 24 th Edn-3500 Mg-B-2023	22.5	mg/L
10	Chloride as Cl	IS:3025(P -32)-1988 RA: 2019	168	mg/L
11	Sulphate as SO ₄	APHA 24 th Edn-4500 So4-E-2023	108	mg/L
12	Total Alkalinity as CaCO ₃	APHA 24 th Edn-2320 B-2023	221	mg/L
13	Iron as Fe	IS 3025 (PART 53): 2014	0.42	mg/L
14	Silica as SiO ₂	IS:3025(P -35)1988 RA: 2023	11.9	mg/L

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

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TEST REPORT

Report No : ETLS/A/126/220825

Report Date : 30.08.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Ambient Air Quality Sample Description : Ambient air
Sample Code : ETLS0825192 Sample Condition : -
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 22.08.2025
Sampling Plan & Procedure : ETL/QAD/SOP/09 Received date : 22.08.2025
Sample Location : Near Security Office (Kamadhenu) Commenced on : 22.08.2025
Customer Reference : - Completed on : 28.08.2025
Instrument ID & Validity : ETL/CHL/INS-124/122/126 & 26.07.2026
ETL/CHL/INS-108 & 16.01.2026
ETL/CHL/INS- 046 & 27.01.2026

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units	NAAQ Standards: 2009	
1	Sulphur Dioxide	IS: 5182 (P- 2)Sec:1 : 2023	29.2	µg/m ³	80 (24 Hours)	50 (Annual)
2	Oxides of Nitrogen	IS: 5182 (P- 6) :2006	36.3	µg/m ³	80 (24 Hours)	40 (Annual)
3	Respirable Suspended Particulate Matter (PM10)	IS: 5182 (P-23) :2006	63.1	µg/m ³	100 (24 Hours)	60 (Annual)
4	Particulate Matter (PM 2.5)	IS:5182 (P-24) : 2019	32.4	µg/m ³	60 (24 Hours)	40 (Annual)
5	Carbon monoxide	ETL/CHL/SOP/008 : 2020	BQL(LOQ :1.15)	mg/m ³	4 (1 Hour)	2 (8 hours)
6	Lead	IS: 5182 (P- 22 :2004)	BQL(LOQ :0.025)	µg/m ³	1 (24 Hours)	0.5 (Annual)
7	Ozone	IS: 5182 (P- 9) :2019	BQL(LOQ :20)	µg/m ³	180 (1 Hour)	100 (8 Hours)
8	Ammonia	IS:5182 : (P-25) : 2018	BQL (LOQ: 20)	µg/m ³	400 (24 Hours)	100 (Annual)
9	Benzene	IS: 5182 (P- 11) :2006	BQL(LOQ :2.5)	µg/m ³	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	IS: 5182 (P-12) :2004	BQL (LOQ: 1.0)	ng/m ³	1 (Annual)	1 (Annual)
11	Arsenic	ETL/INS/SOP/002 : 2016	BQL (LOQ: 1.0)	ng/m ³	6 (Annual)	6 (Annual)
12	Nickel	IS: 5182 (P-26) : 2020	BQL (LOQ: 2.5)	ng/m ³	20 (Annual)	20 (Annual)

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



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S. Kokila
Lab Manager

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TEST REPORT

Report No : ETLS/SE/127/220825

Report Date : 30.08.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Project Site : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Stack Emission Sample Description : DG Stack
Sample Code : ETLS0825193 Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 22.08.2025
Sampling Plan & Procedure : ETL/QAD/SOP/10 Received date : 22.08.2025
Sample Location : Near Security Office DG 82.5 KVA Commenced on : 22.08.2025
Customer Reference : - Completed on : 28.08.2025
Instrument ID & Validity : ETL/CHL/INS- 042 & 16.01.2026
ETL/CHL/INS-057 & 19.02.2026

I. CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units
1	Particulate Matter	IS: 11255 (P -1) 1985 (RA:2019)	5.05	mg/Nm ³
2	Sulphur Dioxide	IS: 11255 (P -2) 1985 (RA:2018)	5.11	mg/Nm ³
3	Oxides of Nitrogen	IS:11255 (P -7) 2005 (RA :2022)	80.5	mg/Nm ³
4	Carbon monoxide	IS : 13270: 1992 (RA : 2019)	BQL(LOQ:0.2)	%
5	Flow Rate	IS: 11255 (P -3) (RA:2019)	300	Nm ³ /hr

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

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TEST REPORT

Report No : ETLS/N/128/220825

Report Date : 30.08.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Noise Monitoring
Sample Code : ETLS0825194 to ETLS0825198 Sample Description : Ambient Noise
Sample Drawn By : Eco Tech Labs P.Ltd Sample Condition : -
Sampling Plan & Procedure : ETL/CHL/IOP/035 Sampling date : 22.08.2025
Customer Reference : - Received date : 22.08.2025
Instrument ID & Validity : ETL/CHL/INS-140 & 27.07.2026

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Location(Kamadhenu)	Time (hrs)	Day Time Noise level in dB (A)
1	East	14.00	52.4
2	West	14.30	53.7
3	North	15.00	52.9
4	South	15.30	53.5
5	Security Office	16.00	54.2

CPCB Limits:

- i) Industrial Area : Day Time - 75 dB (A); Night Time - 70 dB(A)
ii) Commercial Area : Day Time - 65 dB (A); Night Time - 55 dB(A)
iii) Residential Area : Day Time - 55 dB (A); Night Time - 45 dB(A)
iv) Silence Zone : Day Time - 50 dB (A); Night Time - 40 dB(A)
v) Working Zone : Day Time - 90 dB (A)

End of Report



Authorised Signatory - Chemical

S. Kokila

S. Kokila
Lab manager

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TEST REPORT

Report No : ETLS/S/129/220825	Report Date : 30.08.2025	Page 1 of 1
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Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004

Sample Name : Soil Sample Description : -
Sample Code : ETLS0825199 Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 22.08.2025
Sampling Plan & Procedure : ETL/QAD/SOP/08 Received date : 22.08.2025
Sample Location : North Side Commenced on : 22.08.2025
Customer Reference : - Completed on : 28.08.2025

I.CHEMICAL TESTING

1. Pollution & Environment

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:2720 (P-26) 1987,RA:2021	7.61	-
2	Electrical Conductivity	IS:14767,2016	1.17	mS/cm
3	Water Content	IS 2720(Part 2):1973 RA 2020	6.96	%
4	Chloride	FAO 2007(Page No- 48): 2020	146	mg/kg
5	Soluble Calcium as Ca	FAO 2007(Page No- 44): 2020	22.6	mg/kg
6	Soluble Sodium	FAO 2007(Page No- 44): 2020	532	mg/kg
7	Soluble Potassium	FAO 2007(Page No- 44): 2020	294	mg/kg
8	Organic Matter	IS:2720 (P-22) 1972, RA:2020	0.62	%
9	Magnesium as Mg	FAO 2007(Page No- 44): 2020	BQL(LOQ:10)	mg/kg
10	Total Soluble Sulphates	IS:2720 (P-27) 1977 RA:2020	264	mg/kg
11	Cation Exchange Capacity	IS:2720 (P-24) 1976;RA:2010	22.7	meq/100g
12	Carbonate	FAO 2007(Page No- 46): 2020	Nil	mg/kg
13	Bicarbonate	FAO 2007(Page No- 46): 2020	68.5	mg/kg

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



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Lab Manager

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TEST REPORT

Report No : ETLS/W/130/220825

Report Date : 30.08.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Project Site : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Water Sample Description : Bore Well
Sample Code : ETLS0825200 Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 22.08.2025
Sampling Plan & Procedure : ETL/QAD/SOP/07 Received date : 22.08.2025
Sample Location : East Side Commenced on : 22.08.2025
Customer Reference : - Completed on : 28.08.2025

I.CHEMICAL TESTING

1. Water

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:3025(P -11)1983 RA: 2022	7.13	-
2	Electrical Conductivity	IS:3025(P -14) 2013	1279	µS/cm
3	Colour	IS:3025 (P -4)1983 RA: 2021	BQL(LOQ:5)	Hazen Unit
4	Turbidity	IS:3025(P -10)1984 RA: 2023	BQL(LOQ:1)	NTU
5	Total Dissolved Solids	APHA 24 th Edn.2540-C-2023	724	mg/L
6	Total Suspended Solids	IS:3025(P-17)-1984 RA:2022	BQL(LOQ:2)	mg/L
7	Total Hardness as CaCO ₃	APHA 24 th Edn.-2340-C -2023	238	mg/L
8	Calcium as Ca	APHA 24 th Edn.- 3500-B -2023	69.5	mg/L
9	Magnesium as Mg	APHA 24 th Edn-3500 Mg-B-2023	15.6	mg/L
10	Chloride as Cl	IS:3025(P -32)-1988 RA: 2019	177	mg/L
11	Sulphate as SO ₄	APHA 24 th Edn-4500 So4-E-2023	119	mg/L
12	Total Alkalinity as CaCO ₃	APHA 24 th Edn-2320 B-2023	235	mg/L
13	Iron as Fe	IS 3025 (PART 53): 2014	0.38	mg/L
14	Silica as SiO ₂	IS:3025(P -35)1988 RA: 2023	27.4	mg/L

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

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Authorised Signatory - Chemical

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TEST REPORT

Report No : ETL/A/094/230925

Report Date : 03.10.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Ambient Air Quality Sample Description : Ambient air
Sample Code : ETL0925154 Sample Condition : -
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 23.09.2025
Sampling Plan & Procedure : ETL/QAD/SOP/09 Received date : 23.09.2025
Sample Location : Near Site Office (Kamadhenu) Commenced on : 23.09.2025
Customer Reference : - Completed on : 29.09.2025
Instrument ID & Validity : ETL/CHL/INS-123/121/125 & 26.07.2026
ETL/CHL/INS-108 & 16.01.2026
ETL/CHL/INS- 046 & 27.01.2026

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units	NAAQ Standards: 2009	
1	Sulphur Dioxide	IS: 5182 (P- 2)Sec:1 : 2023	27.4	µg/m ³	80 (24 Hours)	50 (Annual)
2	Oxides of Nitrogen	IS: 5182 (P- 6) :2006	34.6	µg/m ³	80 (24 Hours)	40 (Annual)
3	Respirable Suspended Particulate Matter (PM10)	IS: 5182 (P-23) :2006	61.8	µg/m ³	100 (24 Hours)	60 (Annual)
4	Particulate Matter (PM 2.5)	IS:5182 (P-24) : 2019	30.7	µg/m ³	60 (24 Hours)	40 (Annual)
5	Carbon monoxide	ETL/CHL/SOP/008 : 2020	BQL(LOQ :1.15)	mg/m ³	4 (1 Hour)	2 (8 hours)
6	Lead	IS: 5182 (P- 22 :2004)	BQL(LOQ :0.025)	µg/m ³	1 (24 Hours)	0.5 (Annual)
7	Ozone	IS: 5182 (P- 9) :2019	BQL(LOQ :20)	µg/m ³	180 (1 Hour)	100 (8 Hours)
8	Ammonia	IS:5182 : (P-25) : 2018	BQL (LOQ: 20)	µg/m ³	400 (24 Hours)	100 (Annual)
9	Benzene	IS: 5182 (P- 11) :2006	BQL(LOQ :2.5)	µg/m ³	5 (Annual)	5 (Annual)
10	Benzo(a)pyrene	IS: 5182 (P-12) :2004	BQL (LOQ: 1.0)	ng/m ³	1 (Annual)	1 (Annual)
11	Arsenic	ETL/INS/SOP/002 : 2016	BQL (LOQ: 1.0)	ng/m ³	6 (Annual)	6 (Annual)
12	Nickel	IS: 5182 (P-26) : 2020	BQL (LOQ: 2.5)	ng/m ³	20 (Annual)	20 (Annual)

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

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S. Kokila
Lab Manager

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TEST REPORT

Report No : ETLS/SE/095/230925

Report Date : 03.10.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Project Site : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Stack Emission Sample Description : DG Stack
Sample Code : ETLS0925155 Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 23.09.2025
Sampling Plan & Procedure : ETL/QAD/SOP/10 Received date : 23.09.2025
Sample Location : Near Security Office DG 82.5 KVA Commenced on : 23.09.2025
Customer Reference : - Completed on : 29.09.2025
Instrument ID & Validity : ETL/CHL/INS- 042 & 16.01.2026
ETL/CHL/INS-057 & 19.02.2026

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Parameters	Test Method	Results	Units
1	Particulate Matter	IS: 11255 (P -1) 1985 (RA:2019)	5.09	mg/Nm ³
2	Sulphur Dioxide	IS: 11255 (P -2) 1985 (RA:2018)	5.12	mg/Nm ³
3	Oxides of Nitrogen	IS:11255 (P -7) 2005 (RA :2022)	75.5	mg/Nm ³
4	Carbon monoxide	IS : 13270: 1992 (RA : 2019)	BQL(LOQ:0.2)	%
5	Flow Rate	IS: 11255 (P -3) (RA:2019)	315	Nm ³ /hr

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

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Lab Manager

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TEST REPORT

Report No : ETLS/N/096/230925

Report Date : 03.10.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Noise Monitoring
Sample Code : ETLS0925156 to ETLS0925160 Sample Description : Ambient Noise
Sample Drawn By : Eco Tech Labs P.Ltd Sample Condition : -
Sampling Plan & Procedure : ETL/CHL/IOP/035 Sampling date : 23.09.2025
Customer Reference : - Received date : 23.09.2025
Instrument ID & Validity : ETL/CHL/INS-117& 27.07.2026

I.CHEMICAL TESTING

1. Atmospheric Pollution

S.No	Location(Kamadhenu)	Time (hrs)	Day Time Noise level in dB (A)
1	East	12.30	53.6
2	West	13.00	52.8
3	North	13.30	53.4
4	South	14.00	52.9
5	Security Gate	14.30	53.5

CPCB Limits:

- i) Industrial Area : Day Time - 75 dB (A); Night Time - 70 dB(A)
ii) Commercial Area : Day Time - 65 dB (A); Night Time - 55 dB(A)
iii) Residential Area : Day Time - 55 dB (A); Night Time - 45 dB(A)
iv) Silence Zone : Day Time - 50 dB (A); Night Time - 40 dB(A)
v) Working Zone : Day Time - 90 dB (A)

End of Report



Authorised Signatory - Chemical

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S. Kokila
Lab Manager

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TEST REPORT

Report No : ETLS/S/097/230925

Report Date : 03.10.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Client : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Soil Sample Description : -
Sample Code : ETLS0925161 Sample Condition : Good
Sample Drawn By : Eco Tech Labs P.Ltd Sampling date : 23.09.2025
Sampling Plan & Procedure : ETL/QAD/SOP/08 Received date : 23.09.2025
Sample Location : East Side Commenced on : 23.09.2025
Customer Reference : - Completed on : 29.09.2025

I.CHEMICAL TESTING

1. Pollution & Environment

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:2720 (P-26) 1987,RA:2021	7.72	-
2	Electrical Conductivity	IS:14767,2016	1.27	mS/cm
3	Water Content	IS 2720(Part 2):1973 RA 2020	7.35	%
4	Chloride	FAO 2007(Page No- 48): 2020	132	mg/kg
5	Soluble Calcium as Ca	FAO 2007(Page No- 44): 2020	25.5	mg/kg
6	Soluble Sodium	FAO 2007(Page No- 44): 2020	521	mg/kg
7	Soluble Potassium	FAO 2007(Page No- 44): 2020	282	mg/kg
8	Organic Matter	IS:2720 (P-22) 1972, RA:2020	0.65	%
9	Magnesium as Mg	FAO 2007(Page No- 44): 2020	BQL(LOQ:10)	mg/kg
10	Total Soluble Sulphates	IS:2720 (P-27) 1977 RA:2020	259	mg/kg
11	Cation Exchange Capacity	IS:2720 (P-24) 1976;RA:2010	21.6	meq/100g
12	Carbonate	FAO 2007(Page No- 46): 2020	Nil	mg/kg
13	Bicarbonate	FAO 2007(Page No- 46): 2020	67.7	mg/kg

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



Authorised Signatory - Chemical

S. Kokila
S. Kokila
Lab Manager

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2. Unless specifically requested by customer the test items will not be retained more than 15 days from the date of issue of test report.
3. The test results relate only to the test items.



20 ECO TECH LABS PVT LTD

ISO 9001:2015 and OHSAS-ISO 45001:2018 Certified Company

Plot No.48A, 2nd Main Road, Ram Nagar South Extension,
Pallikaranai, Chennai - 600 100.

Phone : 9840087542, Email : lab@ecotechlabs.in/ info@ecotechlabs.in , Website : www.ecotechlabs.in

TEST REPORT

Report No : ETLS/W/098/230925

Report Date : 03.10.2025

Page 1 of 1

Name of the Client : M/s Appaswamy Real Estate- Kamadhenu
Address of the Project Site : New No: 8 (Old No:178), Luz Church Road, Mylapore, Chennai-600004
Sample Name : Water
Sample Code : ETLS0925162
Sample Drawn By : Eco Tech Labs P.Ltd
Sampling Plan & Procedure : ETL/QAD/SOP/07
Sample Location : Near Site Office
Customer Reference : -
Sample Description : Bore Well
Sample Condition : Good
Sampling date : 23.09.2025
Received date : 23.09.2025
Commenced on : 23.09.2025
Completed on : 29.09.2025

I.CHEMICAL TESTING

1. Water

S.No	Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS:3025(P -11)1983 RA: 2022	7.36	-
2	Electrical Conductivity	IS:3025(P -14) 2013	1370	µS/cm
3	Colour	IS:3025 (P -4)1983 RA: 2021	BQL(LOQ:5)	Hazen Unit
4	Turbidity	IS:3025(P -10)1984 RA: 2023	BQL(LOQ:1)	NTU
5	Total Dissolved Solids	APHA 24 th Edn.2540-C-2023	768	mg/L
6	Total Suspended Solids	IS:3025(P-17)-1984 RA:2022	BQL(LOQ:2)	mg/L
7	Total Hardness as CaCO ₃	APHA 24 th Edn.-2340-C -2023	249	mg/L
8	Calcium as Ca	APHA 24 th Edn.- 3500-B -2023	65.8	mg/L
9	Magnesium as Mg	APHA 24 th Edn-3500 Mg-B-2023	20.5	mg/L
10	Chloride as Cl	IS:3025(P -32)-1988 RA: 2019	195	mg/L
11	Sulphate as SO ₄	APHA 24 th Edn-4500 So4-E-2023	112	mg/L
12	Total Alkalinity as CaCO ₃	APHA 24 th Edn-2320 B-2023	246	mg/L
13	Iron as Fe	IS 3025 (PART 53): 2014	0.35	mg/L
14	Silica as SiO ₂	IS:3025(P -35)1988 RA: 2023	31.3	mg/L

Note: BQL-Below Quantification Limit, LOQ - Limit of Quantification

End of Report



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POONMALLEE

ENTRANCE ENTRY | EXIT

KATADHINU

TEMPLE

NEIRO STATION

ENTRANCE
EXIT

ENTRANCE
EXIT

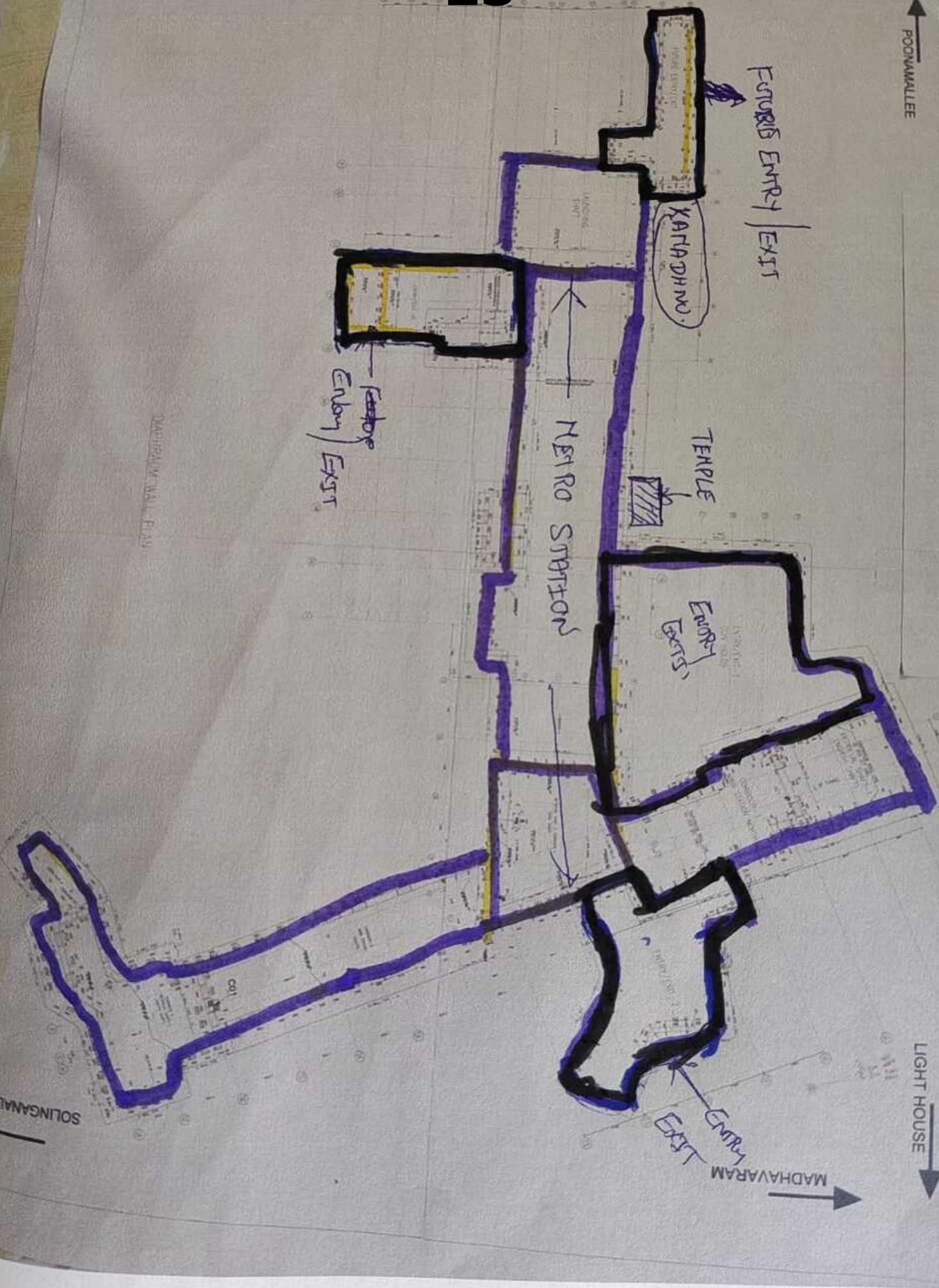
LIGHT HOUSE

MADHAVARAM

ENTRANCE
EXIT

MADHAVARAM

SOLINGAMALLUR





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

AT CHENNAI

**Original Application No.169 of
2025**

M. Asraf Ali

...Applicant

vs

Tamil Nadu Pollution Control Board,
Rep. by District Environmental
Engineer.

...Respondents

**TYPESET FILED BY THE 4th
RESPONDENT**

M/s. Rahul Balaji

Vishnu Mohan

K.Sanjay

Ph.9381353434

COUNSEL FOR 4th RESPONDENT