



Tamilnadu Petroproducts Limited

TPL\LAB\FORM-V\2026

01st Sep 2026

To.

The Joint Chief Environmental Engineer(M),
Tamil Nadu Pollution Control Board,
950/1, Poonamalle High Road,
Arumbakkam,
Chennai- 600 106.

Dear Sir,

Sub: TPL – LAB Plant - Environmental Statement (Form V) 2025– 26

We herewith submit Environmental Statement (FORM – V) for the period of April 2025– March 2026 pertaining to TPL – Linear Alkyl Benzene Plant for your kind reference and record.

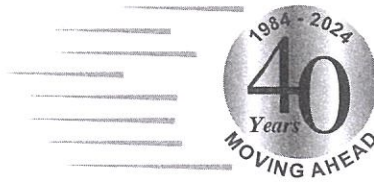
Thanking you,

Yours faithfully,
For Tamilnadu Petroproducts Limited


N. Murugan
VP- Operations



Cc: The District Environmental Engineer,
Tamil Nadu Pollution Control Board,
Voora Oceans 27, 1st Floor, Surya Narayana Street,
Ennore Express Road, Tondiarpet, Tollgate,
Chennai-600081.



Regd. Office & Factory :
Manali Express Highway, Manali, Chennai - 600 068, India.
Tel. : (0091) - 44 - 25945500 to 09 Website : www.tnppetro.com
CIN : L23200TN1984PLC010931
TPL GSTIN : 33AAACT1295M1Z6



Tamilnadu Petroproducts Limited

TPL\LAB\FORM-V\2026

01st Sep 2026

To.

The Joint Chief Environmental Engineer(M),
Tamil Nadu Pollution Control Board,
950/1, Poonamalle High Road,
Arumbakkam,
Chennai- 600 106.

Dear Sir,

Sub: TPL – LAB Plant - Environmental Statement (Form V) 2025– 26

We herewith submit Environmental Statement (FORM – V) for the period of April 2025– March 2026 pertaining to TPL – Linear Alkyl Benzene Plant for your kind reference and record.

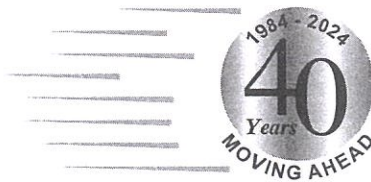
Thanking you,

Yours faithfully,
For Tamilnadu Petroproducts Limited


N. Murugan
VP- Operations



Cc: The District Environmental Engineer,
Tamil Nadu Pollution Control Board,
Voora Oceans 27, 1st Floor, Surya Narayana Street,
Ennore Express Road, Tondiarpet, Tollgate,
Chennai-600081.



Regd. Office & Factory :
Manali Express Highway, Manali, Chennai - 600 068, India.
Tel. : (0091) - 44 - 25945500 to 09 Website : www.tnppetro.com
CIN : L23200TN1984PLC010931
TPL GSTIN : 33AAACT1295M1Z6

FORM - V

(See Rule 14)

**ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR
ENDING THE 31st MARCH 2026**

PART - A

I	Name & Address of the owner/ Occupier of the Industry, Operation or process.	Mr. D. Senthikumar Managing Director Tamilnadu Petroproducts Limited Manali Express Highway, Manali Chennai - 600 068.	
II	Industry Category Primary (SIC Code) Secondary Code (SIC Code)	Petrochemical Linear Alkyl Benzene	
III	Production Capacity	Products	MT/Annum
		Linear Alkyl Benzene	145000 TPA
		Heavy Alkylate	20004 TPA
		Heavy normal paraffin	12000 TPA
IV	Year of Establishment	September 1987	
V	Date of the last environmental statement submitted	25.09.2025	



PART - B

WATER AND RAW MATERIAL CONSUMPTION

(i) WATER CONSUMPTION, m³/day

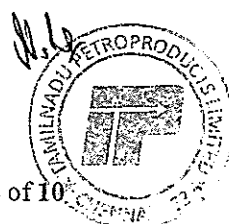
PURPOSE	m ³ / day	
	2024 – 2025	2025 – 2026
Process	179.56	173.50
Cooling	499.15	473.50
Domestic	35.28	35.00

PROCESS WATER CONSUMPTION:-

Name of the Products	Process water consumption per unit of product output, m ³ / MT	
	During the previous Financial year (2024 – 2025)	During the current Financial year (2025 – 2026)
Linear Alkyl Benzene	2.43	3.14
Heavy Alkylate (by-product)	0.095	0.11

(ii) RAW MATERIAL CONSUMPTION: -

Name of the Raw Material	Name of the Product	Consumption of raw material per unit of output, MT / MT	
		During the previous Financial year (2024 – 2025)	During the current Financial year (2025 – 2026)
N-paraffin and imported Paraffin	Linear Alkyl Benzene	0.769	0.784
Benzene		0.334	0.337



PART – C

POLLUTION DISCHARGED TO ENVIRONMENT / UNIT OF OUTPUT

(Parameter as specified in the consent issued.)

ETP Treated Water Quality

Pollutants	Prescribed Quantity of pollutants discharge (Kg/Day)	Quantity of pollutants discharged (Kg/Day)	Percentage of variation from prescribed standard with reasons
pH	5.5 – 9.0	7.33	Within the standards
TDS	378	148.14	
TSS	18	1.08	
Chlorides (as Cl)	180	60.61	
Sulphates (as SO ₄)	180	9.78	
BOD	5.4	0.81	
COD	45	6.06	
Oil & Grease	1.8	0.17	
Phenolic Compound	0.18	BDL	
Fluoride	0.36	0.23	
Chromium	0.36	0.01	
TRC	0.18	<1.00	

Treated Sewage Effluent

Pollutants	Prescribed Quantity of pollutants discharge (Kg/Day)	Quantity of pollutants discharged (Kg/Day)	Percentage of variation from prescribed standard with reasons
pH	5.5 – 9.0	7.96	Within the standards
TSS	2.1	1.55	
BOD	1.4	0.65	



T'PL - LAB

Stack Emission

Stack Attached to	Prescribed Quantity of pollutants discharge [T/Day]				Quantity of pollutants discharged [T/Day]				Percentage of variation from prescribed standard with reasons.
	PM	SO ₂	NOx	CO	PM	SO ₂	NOx	CO	
Boiler (8 T/hr)	0.003	0.015	0.104	0.045	0.001	0.001	0.014	0.001	Within the standards
Hydrobon Heater	0.0012	0.006	0.043	0.018	0.0005	0.0002	0.001	0.0003	Within the standards
Hot Oil Heater	0.024	0.120	0.840	0.360	0.010	0.005	0.110	0.021	Within the standards
PACOL Heater	0.004	0.020	0.144	0.062	0.0016	0.001	0.017	0.008	Within the standards
Captive Power Plant (LNG)	0.009	0.015	0.459	0.184	0.004	0.006	0.059	0.128	Within the standards

Ambient Air Quality

No	Parameter, $\mu\text{gm} / \text{m}^3$	Prescribed standard,	Concentration of Pollutants	Percentage of variation from prescribed standard with reasons
1	Particulate Matter, $\text{PM}_{10}, \mu\text{gm} / \text{m}^3$	100	68.44	Within the standards
2	Particulate Matter, $\text{PM}_{2.5}, \mu\text{gm} / \text{m}^3$	60	31.19	Within the standards
3	Sulphur Dioxide, $\mu\text{gm} / \text{m}^3$	80	17.49	Within the standards
4	Oxides of Nitrogen, $\mu\text{gm} / \text{m}^3$	80	27.22	Within the standards
5	Carbon Monoxide, mg / m^3	4	1.21	Within the standards
6	Lead, $\mu\text{gm} / \text{m}^3$	1.0	BDL	Within the standards
7	Ozone, $\mu\text{gm} / \text{m}^3$	180	BDL	Within the standards
8	Ammonia, $\mu\text{gm} / \text{m}^3$	400	BDL	Within the standards
9	Benzene, $\mu\text{gm} / \text{m}^3$	5.0	BDL	Within the standards
10	Benzo (a) pyrene, ng / m^3	1.0	BDL	Within the standards
11	Arsenic, ng / m^3	6.0	BDL	Within the standards
12	Nickel, ng / m^3	20.0	BDL	Within the standards



PART – D

HAZARDOUS WASTE

(As specified under Hazardous Wastes/ Management and Transboundary Rules, 2016)

	<i>Total Quantity</i>	
	<i>During the previous Financial year (2024 – 2025)</i>	<i>During the current Financial year (2025 – 2026)</i>
(A) From Process		
1. Spent Catalyst from PACOL, MT	12.60	15.985
2. Spent catalyst from MOLEX, MT	0.0	153.33
3. Slop Oil, MT	755	477.00
4. Used / Spent Oil, MT	6.82	9.96
5. Oil sludge, MT	9.79	6.185
6. Oil soaked cotton waste, MT	0.0	0.475
7. Empty Barrel, MT	0.0	18.65
(B) From pollution control facility		
1. ETP Sludge, MT	20.73	14.185
2. Calcium Fluoride Sludge, MT	29.76	32.09
3. Oil skimming residue, MT	0.0	0.0

PART – E
SOLID WASTE

	<i>Total Quantity (MT)</i>	
	<i>During the previous Financial year (2024 – 2025)</i>	<i>During the current Financial year (2025– 2026)</i>
a) From process	Nil	Nil
b) Pollution control facility	Nil	Nil
c) Quantity recycled or reutilised	Nil	Nil
d) Sold	Nil	Nil
e) Disposed : General solid waste collected from Dust bins	Nil	20.10



PART – F

Please specify the characterisation (in terms of composition and Quantum) of Hazardous as well as Solid waste and indicate disposal practice adopted for both these categories of wastes).

A) From Process

1. **Hazardous Waste Category No: Schedule 1, S.No: 1.6: Spent Catalyst.**

- a) Quantity : 15.985 MT
 b) Composition : Spent catalyst.
 c) Disposal practice : Sent to Reprocessor at USA.

2. **Hazardous Waste Category No: Schedule 1, S.No: 1.6: Spent Catalyst.**

- a) Quantity : 153.33 MT
 b) Composition : Spent catalyst & from Hydrobon section.
Disposal practice : Sent to authorised landfill facility.
 3) Composition : Molecular sieve.
 a) Disposal practice : Sent to authorised landfill facility.

4. **Hazardous Waste Category No: Schedule 1, S.No – 1.7 : Slop Oil**

- a) Quantity : 477.0 MT
 b) Composition
 Specific gravity : 0.75 g/cc
 Percentage of solid : Nil
 Carbon : 82 %
 Hydrogen : 18 %
 Flash Point : 40 °c
 Reactivity : Medium
 Toxicity : Not known
 Explosivity : Not exposure
 Calorific value : 1000 Kcal/kg approximate
 Biodegradability : Partial
 c) Disposal practice : Utilised as fuel in our heater.

5. **Hazardous Waste Category No: Schedule 1, S.No: 5.1 - Used / Spent Oil**

- a) Quantity : 9.96 MT
 b) Composition : Spent Oil.
 c) Disposal practice : Disposed to SPCB authorised Recycler.

6. **Hazardous Waste Category No: Schedule 1, S.No:5.2 – Oil sludge**

- a) Quantity : 6.185 MT
 b) Composition : Oil sludge
 c) Disposal practice : Sent to authorised TSDF



7. Hazardous Waste Category No: Schedule 1, S.No: 5.2 – Oil soaked cotton waste

- a) Quantity : 0.475 MT
- b) Composition : Oil soaked Cotton waste
- c) Disposal practice : Sent to authorised TSDF

8. Hazardous Waste Category No: Schedule 1, S.No: 33.1 – Discarded Empty Barrels

- a) Quantity : 18.65 MT
- b) Composition : Empty barrel
- c) Disposal practice : Sent to authorised recycler

B) From Pollution Control facility

1. Hazardous Waste Category No: Schedule 1, S.No:35.3 – ETP Sludge

- a) Quantity : 14.185 MT
- b) Composition
 - Cadmium : 5.0 ppm
 - Chromium (Cr ³⁺) : < 0.01 ppm
 - Chromium (Cr ⁶⁺) : < 0.01 ppm
 - Zinc : 84 ppm
 - Flouride : 358 ppm
 - Phosphate : < 0.15 ppm
- c) Disposal practice : Sent to authorised landfill facility.

2. Hazardous Waste Category No: Schedule 2, C4 Calcium Fluoride Sludge

- a) Quantity : 32.09 MT
- b) Composition
 - pH : 11.4
 - Colour : Slightly yellow
 - Calcium : 65000 ppm
 - Sodium : 2300 ppm
 - Chromium : Nil
 - Lead : 9.1 ppm
 - Nickel : 15.5 ppm
 - Zinc : 55.5 ppm
- c) Disposal practice : Sent to authorised landfill facility.

3. Hazardous Waste Category No: Schedule 1, S.No:35.4 – Oil Skimming Residue

- a) Quantity : 0.0 MT
- b) Composition : Oil Skimming residue
- c) Disposal practice : Sent to authorised TSDF



PART – G

Impact of the Pollution abatement measures taken as conservation of natural resources and the cost of production

- ✓ The roof top solar power panel 442kw was installed to enhance the Renewable power usage.
- ✓ Replacement of conventional energy with renewable source of power through third party purchase has been achieved by replacing a portion of purchased power from conventional sources with Solar power to further reduce our carbon footprint.
- ✓ Installation of a waste heat boiler in CPP stack serving our LNG gas-based DG sets. This energy recovery measure has delivered a significant reduction in CO2 emissions, helping us advance our sustainable decarbonization goals.
- ✓ Re-gasified Liquefied Natural Gas is being used as fuel in all heaters and Boiler replacing furnace oil to reduce emission level.
- ✓ Tertiary Treated Reverse Osmosis (TTRO) water from Chennai Metro Water Supply and Sewerage Board is being used instead of Metro water thus achieving reduction of effluent generation and freshwater conservation.
- ✓ The effluent is treated in the ETP and RO plant. RO permeate (47843 KL) is utilised in the cooling tower makeup up and RO rejects (13948 KL) is utilised in the ECH – PO plant process thus by achieving Zero Liquid Discharge (ZLD).
- ✓ Apart from continuous emission monitoring for measuring pollutants at various stacks in LAB plant, we have been checked the VOC emission and ensured no VOC emission at stacks achieved.
- ✓ Air preheater of Hot oil heater revamped to further enhance the heat recovery from the flue gas resulting in a reduction of LNG fuel consumption.
- ✓ Additional tubes are installed in convection section of Pacol & Hot oil heaters to further recover waste heat from exiting the flue gas.
- ✓ Installation of Vacuum pump in place of steam ejector in the finishing column resulted in reduction of fuel consumption thus achieving reduced emission load.
- ✓ High efficiency steam traps are provided to reduce waste of steam and indirectly fuel.



TPL - LAB

- ✓ Upgradation of 'Advance process control system' ensures more stable operation resulting in reduction of fuel consumption and consequent reduction in emission load.
- ✓ Online Continuous Ambient Air Quality Monitoring Station is provided for monitoring PM₁₀, PM_{2.5}, Benzene, Sulphur dioxide, Oxides of Nitrogen and Carbon Monoxide in ambient air and monitoring data has been uploaded to TNPCB server. Online Continuous Emission Monitoring System (OCEMS) is provided for the following stacks to monitor PM, SO₂, NO_x, and CO and the monitoring data has been connected to TNPCB / CPCB server.
 - Hot Oil heater
 - PACOL heater
 - Hydrobon heater
 - Boiler
 - Captive Power Plant (DG Sets)
- ✓ Surveillance camera with data uploading facility is provided for the stacks attached to Flare (Normal and Emergency) and monitoring data has been connected to TNPCB server.
- ✓ Online Continuous Effluent Monitoring System (OCEMS) is provided in the ETP outlet to monitor pH, Flow, TSS, BOD and COD and connected to TNPCB / CPCB server
- ✓ Online flow meters are provided at various inlet streams to ETP, RO Permeate and RO Reject and monitoring data connected to TNPCB for continuous monitoring



PART – H

Additional investment proposal for environment protection including abatement of pollution.

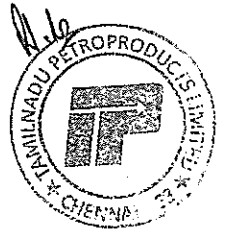
The migration of FO fuel-based DG sets to LNG based DG sets was achieved.

PART – I

Any other Particulars for improving the Quality of the Environment

- ✓ ***Green Belt Development:*** Near to LAB plant, 18 acre of green belt area developed for abatement of air pollution. Approximately 18,000 trees have been planted.
- ✓ Be a socially responsible entity, we have been maintaining the green belt area of around 13.39 acres which is developed during 2022-23 at Morai village, Pandeswaram village, Tiruvallur District and Korattur lake bund.

Mission LiFE -Lifestyle of Environment.” awareness programme conducted for employees and their declarations have received towards LiFE action points.



PRODUCTION

April 2025 to March 2026

S.No	PRODUCTS	2025 - 2026
1	Linear Alkyl Benzene, MT	77138.0
2	Heavy Alkylate, MT	2767.0
3	Heavy Normal Parrafin, MT	0.0

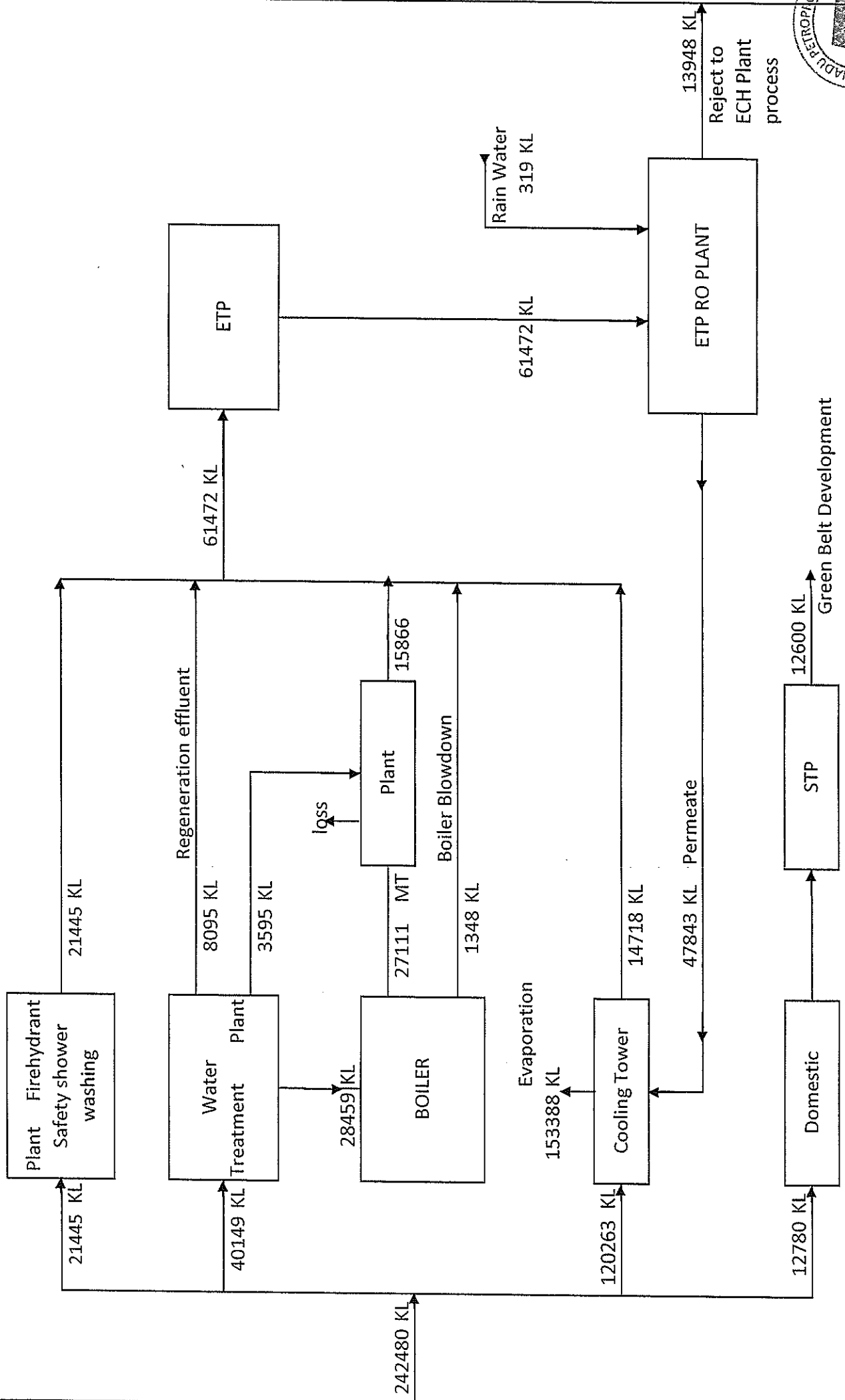


WATER CONSUMPTION

<i>April 2025 to March 2026</i>

MONTH	TTRO Water			ETP - RO Permeate	TOTAL CONSUMPTION
	PROCESS	COOLING		COOLING	
Apr-25	4115	12943	1100	3752	21911
May-25	4796	10975	1050	3616	20437
Jun-25	4585	12203	1050	4252	22089
Jul-25	5839	11606	1020	4162	22627
Aug-25	5861	12336	1000	4114	23312
Sep-25	4776	10498	1050	3840	20163
Oct-25	5666	8648	1050	4564	19927
Nov-25	6417	8756	1080	4363	20616
Dec-25	4651	7771	1050	4738	18210
Jan-26	4236	6756	1080	4037	16109
Feb-26	4667	8385	1080	2856	16988
Mar-26	5985	9386	1170	3550	20091
TOTAL	61594	120263	12780	47843	242480





RAW MATERIAL CONSUMPTION

April 2025 to March 2026

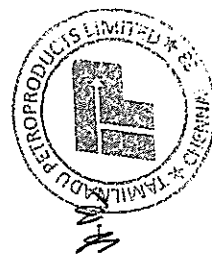
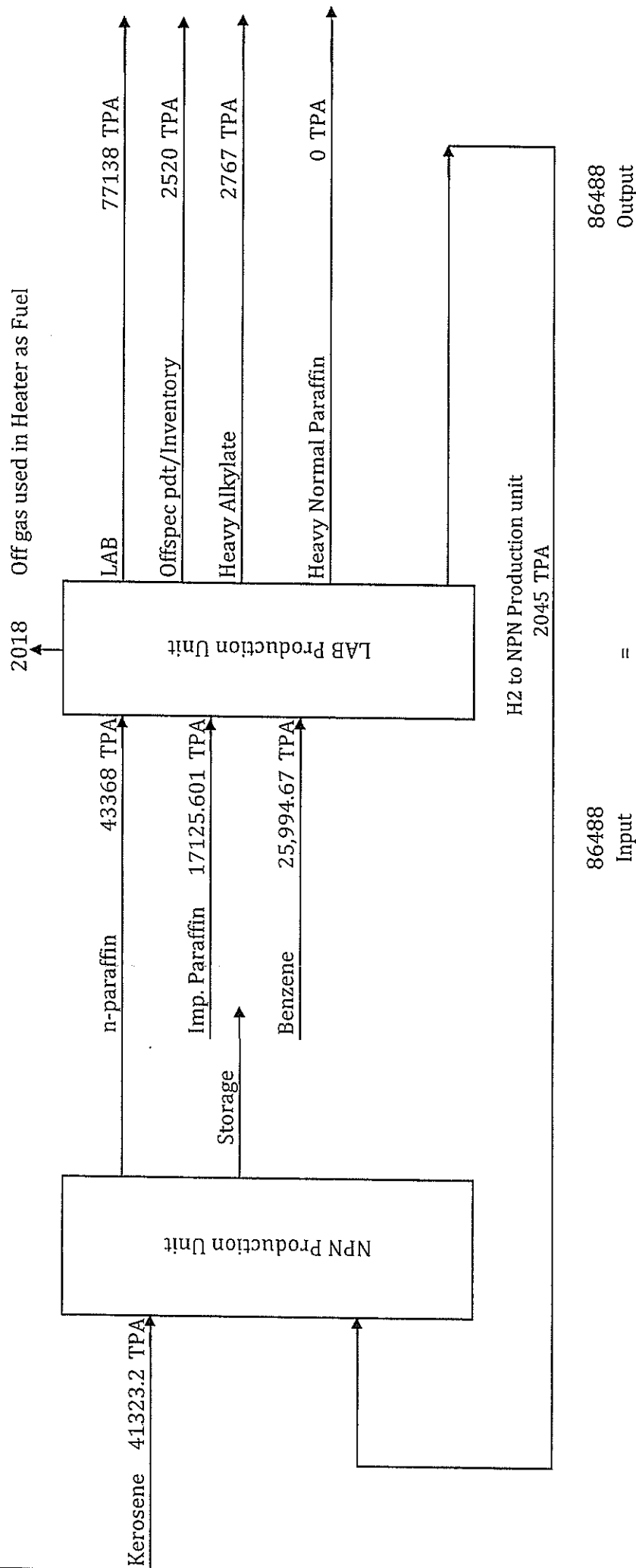
S.No	RAW MATERIAL	2025 - 2026
1	N Paraffin,MT	43368.00
2	Benzene, MT	25994.67
3	Imported Paraffin, MT	17125.60



Annexure-5

TAMILNADU PETROPRODUCTS LIMITED

TPL - - LAB Material Balance -FY 25-26





TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory, Manali
AMBIENT AIR QUALITY SURVEY – Report of Analysis

Report No. 09/AAQS/2026-27

Date: 17.06.2026

1. Name of the Industry : **M/s. TPL (LAB),**
2. Address of the Industry : **Manali Express Highway, Chennai - 68.**
3. Date of Survey : **10.06.2026**
4. Duration of Survey : **8 Hours / 24 hours**
5. Category : **Red / Orange / Green – Large / Medium / Small**
6. Land use classification : **Industrial / Commercial / Residential / Sensitive**

Meteorological Conditions

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	35	38		54	62
Weather Condition	Partially Cloudy		Rain Fall (mm)	Nil	
Predominant Wind Direction	WNW – ESE		Mean Wind Speed (km/hr)	18.5	

Ambient Air Quality Survey Results

Sl. No.	Location	Direction *	Distance (m) *	Height Form GL (m)	Pollutants Concentration (microgram / m ³)			
					PM 2.5	PM 10	SO ₂	NO ₂
1	On top of platform near hot oil heater	NE	100	2.0	--	77	7	17
2	On top of platform adjacent to Raw water pond	E	75	2.0	--	61	12	14
3	On top of CP station near flare stack	SE	100	2.0	34	78	13	19
4	On top of CP station – I	SW	100	2.0	--	84	9	24
5	On Top of Drivers rest Room	W	80	2.0	--	76	7	21
6	On top of the weigh bridge office room	NW	150	2.0	39	67	8	23

Note: * With respect to major emission sources. The analytical results are restricted to the sampling period of **8 hrs/24hrs**

Handwritten signature
Chief Scientific Officer

**District Environmental Laboratory
Tamil Nadu Pollution Control Board
Manali**

Test Performed	Test Method
PM10	IS 5182 : (Part 23) – 2006
SO2	Modified West – Gaeke / IS 5182 : (Part 2) – 2001 RA: 2012
NO2	Jacobs – Hochheiser / IS 5182 : (Part 6) – 2006 RA:2012



TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Manali

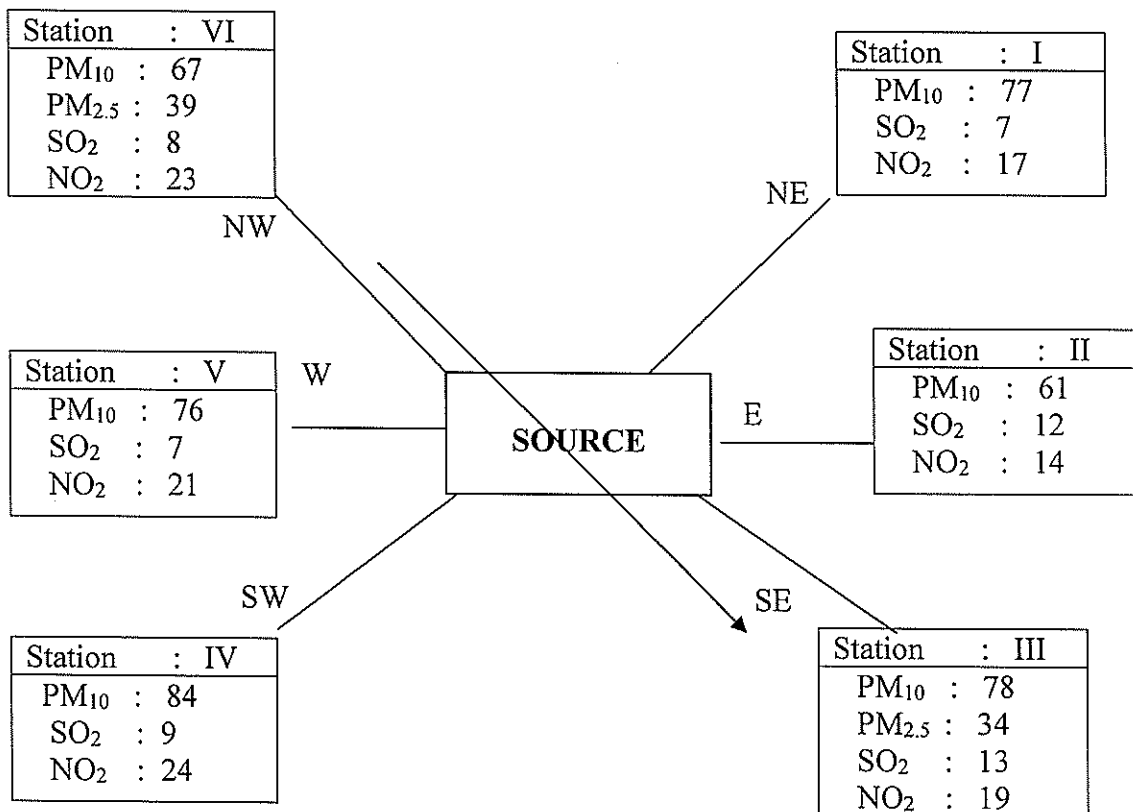
AMBIENT AIR QUALITY SURVEY

Schematic Diagram Showing Location of Sampling

Report No.09 /AAQ/SM/2026-27

Name and Address of the Industry : **M/s. TPL (LAB)**
Manali Express Highway, Chennai – 68.

Date of Survey : 10.06.2026



Note: All the values are expressed in $\mu\text{g}/\text{m}^3$ and restricted to sampling period of 8 hrs/24hrs

Meteorological Conditions:	
Predominant Wind Direction	WNW – ESE
Wind Speed (Km/hr)	18.5
Weather Condition	Partially Cloudy
Rainfall	Nil

17/6/26
Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Manali



TAMIL NADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Manali

STACK MONITORING SURVEY – Report of Analysis

Report No. 09/ SM/2026-27

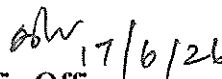
Date: 17.06.2026

1. Name of the Industry : **M/s. TPL (LAB),**
2. Address of the Industry : **Manali Express Highway, Chennai – 68**
3. Date of Survey : **10.06.2026**
4. Type of Industry : **Coal/Chemical/Sugar/Paper & Pulp/
Power plant / Textile Processing/Petroproducts**

Stack Monitoring Survey Results

Sl. No.	Stack attached to	Fuel used	Stack Temp °K	Velocity in (m/ sec)	Discharge rate In Nm ³ /hr	Pollutants (mg / Nm ³)		
						PM	SO ₂	NO _x
1	Boiler – 8T	LNG	511	12.5	49484	4	17	40
2	PACOL Heater	LNG	916	13.0	33849	3	14	25
3	Hydrobon Heater	LNG	396	18.4	19436	2	13	42
4	CPP-II	LNG	455	20.9	62125	2	14	41
5	Hot Oil Heater	LNG	441	11.6	271836	4	17	43

Test Performed	Test Method
PM	IS 11255 : (Part 1) – 1985
SO ₂	IS 11255 : (Part 2) – 1985
NO _x	IS 11255 : (Part 7) – 2005


Chief Scientific Officer
 District Environmental Laboratory
 Tamil Nadu Pollution Control Board
 Manali



TAMILNADU POLLUTION CONTROL BOARD

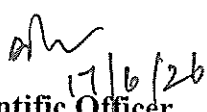
District Environmental Laboratory, Manali

Stack Details

Report No.09/AAQ/SM/2026-27

1. Name and Address of the Industry : **M/s. TPL (LAB)**
Manali Express Highway, Chennai – 68
2. Date of Survey : 10.06.2026

Sl. No.	Particulars	1	2	3
1.	Stack attached to	Boiler	Heater	Heater
2.	Details of process stack	Boiler- 8T	PACOL	Hydrobon
3.	Height from G Level in (m)	30	56	30
4.	Diameter in (m)	1.4	1.1	0.69
5.	Port hole height from Ground Level or bends or ducts in (m)	16.7	40.0	20.0
6.	Fuel Used (with % Sulphur content)	LNG	LNG	LNG
7.	Fuel Consumption rate per hr (mention units)	10 kg / hr	880 kg / hr	120 kg / hr
8.	Type of Stack and capacity	Round	Round	Round
9.	Production on 10.06.2026	Linear Alkyl Benzene - 381.00 MT Heavy Alkylate – 9.00 MT N-Paraffin – 240 MT		
10.	APC Measures provided	Stack Provided	Stack Provided	Stack Provided
11.	APC functional status	Functioning	Functioning	Functioning
12.	Ambient temp in °K	400	400	307
13.	Temp of flue gas in °K	511	916	396
14.	Velocity of flue gas in m/sec	12.5	13.0	18.4
15.	Volume of flue gas sampled in m ³	1.031	1.031	1.062
16.	Gaseous Discharge rate per day in Nm ³ /hr	49484	33849	19436


Chief Scientific Officer
 District Environmental Laboratory
 Tamil Nadu Pollution Control Board
 Manali

**TAMILNADU POLLUTION CONTROL BOARD**

District Environmental Laboratory, Manali

Stack Details**Report No.09/AAQ/SM/2026-27**

1. Name and Address of the Industry : **M/s. TPL (LAB)**
Manali Express Highway, Chennai – 68
2. Date of Survey : 10.06.2026

Sl. No.	Particulars	4	5
1.	Stack attached to	CPP	Heater
2.	Details of process stack	CPP-II	Hot Oil Heater
3.	Height from G Level in (m)	30	76
4.	Diameter in (m)	1.2	3.4
5.	Port hole height from Ground Level or bends or ducts in (m)	26	68
6.	Fuel Used (with % Sulphur content)	LNG	LNG
7.	Fuel Consumption rate per hr (mention units)	950 kg / hr	3500 kg / hr
8.	Type of Stack and capacity	Round	Round
9.	Production on 10.06.2026	Linear Alkyl Benzene - 381.00 MT Heavy Alkylate – 9.00 MT N-Paraffin – 240 MT	
10.	APC Measures provided	Stack Provided	Stack Provided
11.	APC functional status	Functioning	Functioning
13.	Ambient temp in °K	309	307
14.	Temp of flue gas in °K	455	441
15.	Velocity of flue gas in m/sec	20.9	11.6
16.	Volume of flue gas sampled in m ³	1.020	1.031
17.	Gaseous Discharge rate per day in Nm ³ /hr	62125	271836

Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Manali



TAMIL NADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Manali

STACK MONITORING SURVEY – Additional details

Report No. 09/ SM/2026-27

Date: 17.06.2026

1. Name of the Industry : M/s. TPL (LAB)
2. Address of the Industry : Manali Express Highway, Chennai – 68
3. Date of Survey : 10.06.2026
4. Type of Industry : Coal/Chemical/Sugar/Paper & Pulp/
Power plant / Textile Processing/ Petroproducts

Stack Monitoring Additional details

Sl. No.	Details of stack mentioned in the Air Consent order	Details of stack available and in working condition	Details of stack for which stack Emission sampling have been done	Justification for the left out of stack Emission Sampling
1.	Boiler – 8T	Working	Sampling Done	--
2.	PACOL Heater	Working	Sampling Done	--
3.	Hydrobon Heater	Working	Sampling Done	--
4.	CPP-II	Working	Sampling Done	--
5.	Hot Oil Heater	Working	Sampling Done	--

17/6/26
Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Manali



TAMIL NADU POLLUTION CONTROL BOARD
District Environmental Laboratory, Manali
AMBIENT/SOURCE NOISE LEVEL SURVEY - Report of Analysis

Report No. 09/ NLS/2026-27

Date: 17.06.2026

1.	Name of the Industry	M/s. TPL (LAB)		
2.	Address of the Industry	Manali Express Highway, Chennai - 68		
3.	Date of Survey	10.06.2026		
Category		RL	Land use Classification	Industrial
Type of Survey		Ambient/Source	Time of Survey	Day
Meteorological conditions			Calm/Windy/Rainy	Windy

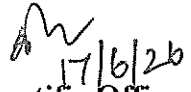
Logging Parameters

Instrument Used	CESVA Model SC310		Serial No		T243103
Logging Interval	10 Minutes each point		Measuring Range		50-110 dB(A)
Weighting	“ A”	Peak Weighting	“C”	Time Weighting	FAST
Sound Incidence		RANDOM		Time in hrs	14.00 – 15.30

Report of Noise Level Monitoring

Sl No	Location	Duration (min)	Distance (M)	Direction	Sound Level – dB (A)		
					L _{eq}	Min	Max
1	Near Hot Oil Heater	10	100	NE	64.0	52.6	77.0
2	Near Raw Water Pond	10	75	E	61.1	58.9	76.9
3	Top of CP Station Near Flare Stack	10	100	SE	69.8	61.2	77.4
4	Near CP Station -I	10	100	SW	62.4	55.0	74.9
5	Top of Drivers Rest Room	10	80	W	65.5	60.2	75.3
6	Top of weigh bridge near office room	10	150	NW	61.4	56.2	75.6

Note: Leq value is the average energy for the measured period.


Chief Scientific Officer
 District Environmental Laboratory
 Tamil Nadu Pollution Control Board
 Manali



TAMIL NADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Manali

INFERENCE REPORT ON A.A.Q.S./ S.M.

1. Name of Industry : M/s. TPL (LAB)
2. Pollution Category : Red Large
3. Date of A.A.Q. Survey : 10.06.2026
4. Predominant Wind Direction : WNW - ESW
5. Weather condition : Partially Cloudy

STATUS OF POLLUTANTS LEVEL

I. AMBIENT AIR QUALITY :-

1. Total No. of A.A.Q. stations monitored : 6
2. No. of A.A.Q. stations in which Pollutants
Level exceeded the Boards standards : Nil

Maximum and Minimum values of Pollutants Level observed:

Sl. No.	POLLUTANT	Values in microgram/m ³		BOARD's STANDARD (As per consent order)
		Maximum	Minimum	
1.	PM ₁₀	84	61	100
	PM _{2.5}	39	34	60
2.	<u>GASEOUS POLLUTANTS:-</u>			
	(i) SO ₂	13	7	80
	(ii) NO ₂	24	14	80

II. STACK MONITORING:-

1. Total No. of Stacks Monitored : 5
2. No. of Stacks in which Pollutants level
Exceeded the Boards standards : Nil

Handwritten signature
17/6/26

**Chief Scientific Officer
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Manali**



TAMILNADU POLLUTION CONTROL BOARD

District Environmental Laboratory, Manali

TVOC Survey – Report of Analysis

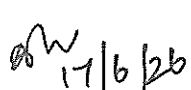
Report No.09 /TVOC/2026-27

dated :17.06.2026

1. Name of the Industry : M/s. TPL (LAB)
2. Address of the Industry : Manali Express Highway, Chennai - 68
3. Date of Survey : 10.06.2026
4. Pollution Category : Red Large

TVOC – Analysis Report

Sl.No.	Location	Direction	Distance (mts)	TVOC (ppm)
1	Near Hot Oil Heater	NE	100	0.0
2	Near Raw Water Pond	E	75	0.0
3	Top of CP Station Near Flare Stack	SE	100	0.0
4	Near CP Station -I	SW	100	0.0
5	Top of Drivers Rest Room	W	80	0.0
6	Top of weigh bridge near office room	NW	150	0.0


Chief Scientific Officer,
District Environmental Laboratory
Tamil Nadu Pollution Control Board
Manali

WORLD OZONE DAY

16th SEP-2026

@



TAMILNADU PETROPRODUCTS LIMITED

MANALI EXPRESS HIGH WAY

MANALI,CHENNAI-68

We successfully conducted an Awareness Programme in observance of **World Ozone Day** on 16th September 2026, followed by an awareness session on Single-Use Plastics, highlighting their environmental impacts and the importance of adopting sustainable alternatives.

Theme'26: 'Global action for a cooler planet – Celebrating 10 years of sustainable cooling under the Kigali Amendment to the Montreal Protocol'

This programme has addressed strategies for protecting the ozone layer and **phasing out ozone-depleting substances (ODSs) and hydrofluorocarbons (HFCs)**. It also provided awareness on the Kigali Amendment to the Montreal Protocol, which aims to reduce the global consumption and production of HFCs due to their high global warming potential.

The programme also covered the causes and environmental impacts of single-use plastics, including:

- Avoid excessive use of plastic bags, bottles, cups, straws and packaging.
- Improper disposal of plastics causes land and water pollution.
- Plastic waste can block drains and waterways, causing flooding.
- Reduce, reuse and recycle plastics wherever possible.
- Employees were encouraged to use reusable and eco-friendly alternatives.
- Plastic persists for long periods and can form microplastics, affecting ecosystems and food chains.
- Plastic waste can harm marine and terrestrial animals through ingestion and entanglement.



Tamilnadu Petroproducts Limited

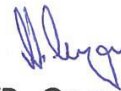
15/09/2026

Circular

World Ozone Day – 2026

In observance of **World Ozone Day**, which is celebrated annually on September 16, we will be organizing an **Ozone Day Awareness** Program on Wednesday, 16th September 2026, at 10:30 hrs. in the ECC Hall – LAB Plant.

All employees are encouraged to actively participate in this program and help spread awareness about the importance of protecting the ozone layer among your family, friends, and community.



VP– Operations

The theme of the World Ozone Day for the year 2026 is

“Global action for a cooler planet – Celebrating 10 years of sustainable cooling under the Kigali Amendment to the Montreal Protocol”

World Ozone Day Awareness Program at TPL





Awareness Video played for Employees and students to prevent the Ozone layer depletion