



## **Kamarajar Port Limited**

Vallur Post, Chennai-600 120, Tamil Nadu, India

### **Reports on Environmental Monitoring of Kamarajar Port Limited**



**Study Period: March 2026**

**Prepared By**



### **NITYA LABORATORIES**

**Address:** Plot No.118, Church Road, Behind Kausik Vatika, Bhagat Singh Colony, Ballabgarh,  
Faridabad, Delhi NCR, India

**Tel.:** +91-129-2241021

**Mobile No.:** +91-9873924093, +91-9013591021, +91-9013552273

**E-Mail ID:** info@nityalab.com

**Website:** www.nityalab.com

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**CORPORATE OFFICE & CENTRAL LABORATORIES :-**

PLOT NO. 118, CHURCH ROAD, BEHIND KAUSIK VATIKA, BHAGAT SINGH COLONY, BALLABHGARH, FARIDABAD - 121004, HARYANA, INDIA

+91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com

www.nityalab.com

### introduction

Kamaraj Port Trust is the First Corporatized Port in India and the 12<sup>th</sup> Major Port. It Works on the model of 'Landlord' concept. KPL's policy is to manage the port in a pro-active manner to minimize any impacts from port operations or new developments. Kamaraj port handles coal for Tamil Nadu Electric Board, POL products and export of automobiles. Data generations on environmental quality constitute the basis for environmental appraisal of the project. Thus, data on environmental quality has to be periodically monitored and also to comply with the TNPCB / MOEF conditions.

With this background and need Kamaraj Port Limited has appointed M/s. Nitya Laboratories to undertake the same. KPL has awarded the work to M/s. Nitya Laboratories vide work order No. KPL/MS/HSE/EM/05/2023 dated 10.03.2023.

Accordingly, environmental quality data on Ambient Air and Effluent (Sewage) for the month of March 2026 is presented in this report.

### 2.0 Scope and Methodology:

The scope of work, works carried out and methodology adopted for the survey are described below:

#### 2.1 Ambient Air Quality

As a part of study, Ambient Air Quality Parameters were measured during the monitoring day's date of PM<sub>10</sub>.

PM<sub>2.5</sub>, SO<sub>2</sub>, NO<sub>2</sub>, Methane and CO were monitored.



### AMBIENT AIR QUALITY MONITORING:

Ambient air quality was monitored at different locations inside the port. The study area covers the periphery of Port and other parts of the port. A Total of 8 Ambient Air Quality Monitoring Stations covering both upwind and downwind were monitored during March 2026.

Table: Details of Ambient Air Quality Monitoring Locations

Sr. No	Stations Code	Sampling Locations
1	AAQM-1	Security Main Gate
2	AAQM-2	Inside the Port Administrative Building
3	AAQM-3	Signal Station
4	AAQM-4	Finger Jetty
5	AAQM-5	At the Car Parking Yard
6	AAQM-6	At General Cargo Berth
7	AAQM-7	At Fire Station
8	AAQM-8	Guest House

Ambient Air Quality Monitoring was carried out at 8 locations, with 2 samples per week. A Total of 72 Samples, each of PM10 & PM2.5, Samples of SO2, NO2, Methane and CO, were monitored by using a Respirable dust sampler—fine Particulate Sampler, Methane & CO Analyser.



## Test Reports of Ambient Air Quality Monitoring

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(SANDEEP SAINI)

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Authorised  
(RAVINDER MITAL)

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### CORPORATE OFFICE & CENTRAL LABORATORIES :-

43, Sector-A1 Ext., Bhalia Enclave, Channi Himmat, Jammu-180 015, J&K (UT), India

+91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com

www.nityalab.com

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Vallur Post, Chennai, India

ULR No.: TC1481426D0000922F,944F,985F,1018F,1064F,  
1108F,1137F,1160F,1288  
Test Report Date: 08/04/2026

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Main Gate**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
1	02/03/2026	24.20	63.30	15.40	24.30	ND
2	05/03/2026	34.50	60.40	14.60	22.80	ND
3	09/03/2026	26.20	59.80	16.20	26.70	ND
4	12/03/2026	28.40	58.10	17.20	23.60	ND
5	16/03/2026	29.60	61.40	18.40	27.40	ND
6	19/03/2026	25.10	64.50	13.40	26.60	ND
7	23/03/2026	24.80	60.60	16.60	24.00	ND
8	26/03/2026	27.20	65.50	18.90	25.50	ND
9	30/03/2026	28.00	62.30	17.20	24.90	ND
<b>NAAQM Standards</b>		<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>		<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark**

NAAQM: National Ambient Air Quality Standards, Schedule-VII, (Rule 3 (28)), (Part-II-sec. 36) 15.11.2009. ND-Not Detected, DL: Detection Limit, the lowest concentration of a substance that can be accurately measured under specified experimental conditions. Sample Analyzed within Seven days from the date of sampling, CPCB-Central Pollution Control Board

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**(SANDEEP SAINI)**



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Valur Post, Chennai, India

Test Report No.: 202603020110-117  
Test Report Date: 08/04/2026

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Main Gate**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration
		Methane (%)
1	02/03/2026	ND
2	05/03/2026	ND
3	09/03/2026	ND
4	12/03/2026	ND
5	15/03/2026	ND
6	19/03/2026	ND
7	23/03/2026	ND
8	26/03/2026	ND
9	30/03/2026	ND
<b>Test Method</b>		<b>PID Based Methane Analyser</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards, Schedule-VI, (Rule 3 (36)) (Part-IV-sec-3(i)) 18.11.2009, ND-Not Detected.  
DL-Detection Limit, the lowest concentration, of a substance that can be accurately measured under specified experimental conditions.  
Sample Analysed within Seven days from the date of sampling. CPCB-Central Pollution Control Board

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labsnitya@gmail.com

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ULR No.: TC14814260000923F,945F,986F,1019F,1065F,1109F,  
1138F,1161F,1289  
Test Report Date: 08/04/2026

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Guest House**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
1	02/03/2026	33.40	41.80	19.40	30.50	ND
2	05/03/2026	30.20	43.50	20.30	28.40	ND
3	09/03/2026	32.40	52.30	18.00	32.20	ND
4	12/03/2026	33.60	48.80	20.40	26.00	ND
5	16/03/2026	26.20	49.10	19.60	31.10	ND
6	19/03/2026	25.50	53.40	21.50	27.40	ND
7	23/03/2026	28.40	34.80	15.50	30.50	ND
8	26/03/2026	27.80	51.10	18.60	28.50	ND
9	30/03/2026	28.00	53.50	18.20	27.70	ND
<b>NAAQM Standards</b>		<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>		<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards, Schedule-VI, (Rule 3 (2B)) (Part-I) (S.O. 3003) 15.11.2009. ND=Not Detected.  
DL: Detection Limit, the lowest concentration, of a substance that can be accurately measured under specified experimental conditions.  
Sample Analyzed within Seven days from the date of sampling. CPCB-Central Pollution Control Board



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+91-129-2241021

+91-9013591021, +91-9013552273

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ULR No.: TC14814260000924F,946F, 967F, 1020F, 1066F,  
1110F, 1139F, 1162F, 1290  
Test Report Date: 08/04/2026

Sample Particulars  
Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Admin Building**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
1	02/03/2026	31.80	58.40	16.40	24.10	ND
2	05/03/2026	34.50	61.30	18.20	27.70	ND
3	09/03/2026	28.40	49.30	15.40	26.60	ND
4	12/03/2026	33.30	53.30	18.80	27.00	ND
5	16/03/2026	30.70	57.70	16.20	21.80	ND
6	19/03/2026	29.40	60.40	18.50	26.50	ND
7	23/03/2026	25.80	64.20	17.10	30.10	ND
8	26/03/2026	27.70	62.10	18.30	26.80	ND
9	30/03/2026	29.10	61.30	19.40	25.50	ND
<b>NAAQM Standards</b>		<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>		<b>40CFR Appendix L Part 53 CPM Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

Remark:

NAAQM: National Ambient Air Quality Standards, Schedule-VII, (Rule 3 (B)), (Part-IV-sec-3(i)) 16.11.2009, ND:Not Detected.  
DL:Detection Limit, the lowest concentration of a substance that can be accurately measured under specified experimental conditions.  
Sample Analyzed within: Seven days from the date of sampling. CPCB-Central Pollution Control Board



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43, Sector-A1 Ext., Bhaila Enclave, Channi Himmat, Jammu-180 015, J&K (UT), India

+91-129-2241021

+91-9013591021, +91-9013552273

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TC14814260000925F,947F, 988F, 1021F, 1067F,  
1111F, 1140F,1163F,1291F

Test Report De:

08/04/2026

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
 Purpose of Monitoring : **To Check the Pollution Load**  
 Sampling Location : **Signal Station**  
 Method of Sampling : **IS 5182 (Part 14)**  
 Monitoring Conducted By : **Mr. Surya**  
 Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
1	02/03/2026	26.20	60.20	16.20	31.20	ND
2	05/03/2026	25.50	64.30	16.40	28.40	ND
3	09/03/2026	24.60	59.40	17.30	27.60	ND
4	12/03/2026	27.20	58.10	20.50	26.40	ND
5	16/03/2026	25.80	62.20	23.40	25.80	ND
6	19/03/2026	23.40	61.80	17.80	30.40	ND
7	23/03/2026	29.50	57.80	18.10	31.40	ND
8	26/03/2026	28.80	60.40	19.40	25.50	ND
9	30/03/2026	27.10	59.10	20.80	24.80	ND
<b>NAAQM Standards</b>		<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>		<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards; Schedule-VI, (Rule 3 (3)(5) (Part-B-sec-3(i)) 16.11.2009; ND:Not Detected.  
 DL:Detection Limit, the lowest concentration of a substance that can be accurately measured under specified experimental conditions.  
 Sample Analysed within Seven days from the date of sampling. CPCB-Central Pollution Control Board



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+91-129-2241021

+91-9013591021, +91-9013552273

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Test Report No.: 202603020134-141  
Test Report Date: 08/04/2026

**Sample Particulars**


Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Signal Station**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration
		Methane (%)
1	02/03/2026	ND
2	05/03/2026	ND
3	09/03/2026	ND
4	12/03/2026	ND
5	16/03/2026	ND
6	19/03/2026	ND
7	23/03/2026	ND
8	26/03/2026	ND
9	30/03/2026	ND
<b>Test Method</b>		<b>PID Based Methane Analyser</b>

**Remark:**

NAAQSS: National Ambient Air Quality Standards, Schedule-VI, (Rule 3 (3B)) (Part-II-sec-3(i)) 16.11.2008. ND-Not Detected.  
DL-Detection Limit: the lowest concentration of a substance that can be accurately measured under specified experimental conditions.  
Sample Analyzed within Seven days from the date of sampling. CPCB-Central Pollution Control Board.

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Vallur Post, Chennai, India

ULR No.: TC14814260000926F.948F.989F.1022F.1068F.1112F.1141F.1164F.1292F  
Test Report Date: 08/04/2026

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Finger Jetty**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
1	02/03/2026	26.30	41.80	24.60	28.40	ND
2	05/03/2026	30.40	43.30	26.20	30.10	ND
3	09/03/2026	24.50	46.80	30.40	34.50	ND
4	12/03/2026	21.80	60.30	28.60	32.50	ND
5	16/03/2026	25.70	52.40	24.30	31.40	ND
6	19/03/2026	31.40	51.80	27.20	32.60	ND
7	23/03/2026	28.40	54.40	29.20	27.40	ND
8	26/03/2026	27.70	52.80	28.50	35.50	ND
9	30/03/2026	28.40	51.30	25.10	30.40	ND
<b>NAAQM Standards</b>		<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>		<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark:**

NAAQM: National Ambient Air Quality Standards; Schedule-VI, (Part 3 (B)) (Part-III sec-3(i)) 16.11.2009, ND-Not Detected, DL-Detection Limit, the lowest concentration, of a substance that can be accurately measured under specified experimental conditions. Sample Analysed within Seven days from the date of sampling. CPCB-Central Pollution Control Board



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Test Report No.: 202603020142-149  
Test Report Date: 08/04/2026

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Finger Jetty**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration
		Methane (%)
1	02/03/2026	ND
2	05/03/2026	ND
3	09/03/2026	ND
4	12/03/2026	ND
5	16/03/2026	ND
6	19/03/2026	ND
7	23/03/2026	ND
8	26/03/2026	ND
9	30/03/2026	ND
<b>Test Method</b>		<b>PID Based Methane Analyser</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards, Schedule-VI, (Rule 3 (2)(b)) [Part-I-sec-3(i)] 18/11/2009, ND-Not Detected.  
DL-Detection Limit, the lowest concentration of a substance that can be accurately measured under specified experimental conditions.  
Sample Analyzed within Seven days from the date of sampling; CPCB-Central Pollution Control Board.

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(AUTHORISED SIGNATORY)  
  
(RAVINDER MITTAL)

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+91-129-2241021

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ULR No.: TC14814280000927F.949F.990F.1023F.1069F.1113F.  
1142F.1165F.1293F  
Test Report Date: 06/04/2026

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **General Cargo Berth**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO2) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO2) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
1	02/03/2026	23.20	42.50	17.20	26.20	ND
2	05/03/2026	24.10	43.70	20.40	23.40	ND
3	09/03/2026	29.20	46.80	21.80	26.10	ND
4	12/03/2026	27.50	47.80	22.60	26.40	ND
5	16/03/2026	26.80	49.40	15.60	31.20	ND
6	19/03/2026	28.80	50.10	18.40	27.80	ND
7	23/03/2026	31.40	49.40	19.80	26.00	ND
8	26/03/2026	29.60	51.80	21.40	24.50	ND
9	30/03/2026	30.10	52.20	22.30	23.30	ND
<b>NAAQM Standards</b>		<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>		<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark:**

NAAQM: National Ambient Air Quality Standards, Schedule-VI, (Part I) (38), (Part I)-sec. 3(i) 16.11.2009, ND-Not Detected, DL-Detection Limit, the lowest concentration of a substance that can be accurately measured under specified experimental conditions. Sample Analyzed within Seven days from the date of sampling. CPCB-Central Pollution Control Board.

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43, Sector-A1 Ext., Bhalla Enclave, Channi Himmat, Jammu-180 015, J&K (UT), India

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+91-9013591021, +91-9013552273

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**Issued To** Mrs Kamarajar Port Trust  
Vallur Post, Chennai, India

**Test Report No.:** 202603020150-157  
**Test Report Date:** 08/04/2026

**Sample Particulars**

- Nature of the Sample : Ambient Air Quality Monitoring
- Purpose of Monitoring : To Check the Pollution Load
- Sampling Location : General Cargo Berth
- Method of Sampling : IS 5182 (Part 14)
- Monitoring Conducted By : Mr. Surya
- Sampling Duration (Hrs.) : 24 Hrs.

**Analysis Report**

Sr. No.	Date of Sampling	Concentration
		Methane (%)
1	02/03/2026	ND
2	05/03/2026	ND
3	09/03/2026	ND
4	12/03/2026	ND
5	16/03/2026	ND
6	19/03/2026	ND
7	23/03/2026	ND
8	26/03/2026	ND
9	30/03/2026	ND
<b>Test Method</b>		<b>PID Based Methane Analyser</b>

**Remark:**

NAQS: National Ambient Air Quality Standards; Schedule-VII, (Rule 3 (3B)), (Part-II-sec-3(i)) 16-11-2009. ND-Not Detected.  
 DL-Detection Limit, the lowest concentration, of a substance that can be accurately measured under specified experimental conditions.  
 Sample Analysed within Seven days from the date of sampling. CPCB-Central Pollution Control Board

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(SANDEEP SAINI)

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Authorised  
(RAVINDER MITTAL)

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ULR No.: TC148142600000928F.950F.991F.1024F.1070F.1114F,  
1143F,1166F,1294F  
Test Report Date: 08/04/2026

**Sample Particulars**

- Nature of the Sample : **Ambient Air Quality Monitoring**
- Purpose of Monitoring : **To Check the Pollution Load**
- Sampling Location : **Car Parking**
- Method of Sampling : **IS 5182 (Part 14)**
- Monitoring Conducted By : **Mr. Surya**
- Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration				
		Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO <sub>2</sub> ) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) $\text{mg}/\text{m}^3$
1	02/03/2026	29.40	46.60	16.10	28.40	ND
2	06/03/2026	30.20	48.20	17.20	30.10	ND
3	09/03/2026	31.40	47.20	15.40	32.20	ND
4	12/03/2026	27.70	45.50	18.20	33.60	ND
5	16/03/2026	30.40	49.20	19.30	22.40	ND
6	19/03/2026	29.80	50.10	20.40	25.50	ND
7	23/03/2026	32.50	48.50	22.50	23.40	ND
8	26/03/2026	28.00	45.80	23.50	25.50	ND
9	30/03/2026	27.60	49.40	21.10	24.80	ND
<b>NAAQM Standards</b>		<b>60</b>	<b>100</b>	<b>80</b>	<b>80</b>	<b>2</b>
<b>Test Method</b>		<b>40CFR Appendix L Part 53 CPCB Guidelines</b>	<b>IS:5182 (P-23)</b>	<b>IS:5182 (P-2)</b>	<b>IS:5182 (P-6)</b>	<b>IS:5182 (P-10)</b>

**Remark:**

NAAQM: National Ambient Air Quality Standards, Schedule-VII, (Rule 3 (2)(e)) (Part-II-sec-301) 15.11.2009, ND=Not Detected  
 DL=Detection Limit, the lowest concentration, of a substance that can be accurately measured under specified experimental conditions.  
 Sample Analysed within Seven days from the date of sampling. CPCB-Central Pollution Control Board

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(SANDEEP SAINI)



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Test Report No. : 202603020158-165  
Test Report Date: 08/04/2026

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Car Parking**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration
		Methane (%)
1	02/03/2026	ND
2	05/03/2026	ND
3	09/03/2026	ND
4	12/03/2026	ND
5	16/03/2026	ND
6	19/03/2026	ND
7	23/03/2026	ND
8	26/03/2026	ND
9	30/03/2026	ND
<b>Test Method</b>		<b>PID Based Methane Analyser</b>

**Remark:**

NAAQS: National Ambient Air Quality Standards, Schedule-VI, [Rule 3 (3B)], [Part-I-Ann-3(i)] 96/11/2002, ND-Not Detected.  
DL: Detection Limit, the lowest concentration of a substance that can be accurately measured under specified experimental conditions.  
Sample Analyzed within Seven days from the date of sampling. CPCB-Central Pollution Control Board

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Test Report No.: 202603020166-173  
Test Report Date: 08/04/2026

**Sample Particulars**

Nature of the Sample : **Ambient Air Quality Monitoring**  
Purpose of Monitoring : **To Check the Pollution Load**  
Sampling Location : **Fire Station**  
Method of Sampling : **IS 5182 (Part 14)**  
Monitoring Conducted By : **Mr. Surya**  
Sampling Duration (Hrs.) : **24 Hrs.**

**Analysis Report**

Sr. No.	Date of Sampling	Concentration
		Methane (%)
1	02/03/2026	ND
2	05/03/2026	ND
3	09/03/2026	ND
4	12/03/2026	ND
5	16/03/2026	ND
6	19/03/2026	ND
7	23/03/2026	ND
8	26/03/2026	ND
9	30/03/2026	ND
<b>Test Method</b>		<b>PID-Based Methane Analyser</b>

**Remark**

NAAQS: National Ambient Air Quality Standards; Schedule-VI, (Rule 3 (2)(b); (Part-II-see-3)) 16.11.2009; ND-Not Detected;  
DL: Detection Limit; the lowest concentration; of a substance that can be accurately measured under specified experimental conditions  
Sample Analysed within Seven days from the date of sampling, CPCB-Central Pollution Control Board.

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43, Sector-A1 Ext., Bhalla Enclave, Channi Himmat, Jammu-180 015, J&K (UT), India

+91-129-2241021

+91-9013591021, +91-9013552273

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## Test Reports of Wastewater (STP)

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(RAVINDER MITTAL)

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+91-129-2241021

+91-9013591021, +91-9013552273

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Issued To: **M/s Kamarajar Port Trust**  
Vallur Post, Chennai, India

ULR No.: TC14814260001072F-1073F  
Test Report Date: 26/03/2026

**Sample Particulars**

- Nature of the Sample : **Wastewater (STP)**
- Sample Quantity & Packaging : **1.0 Liter, Pet Bottle (Each)**
- Sample Received at Lab : **20/03/2026**
- Test Started On : **20/03/2026**
- Test Completed On : **25/03/2026**
- Method of Sampling : **SOP/B/D-3**
- Date of Sampling : **16/03/2026**
- Monitoring Conducted By : **Mr. Surya**
- Sample Description : **W-1: STP O/L of Admin Building  
W-2: STP O/L of Car Parking**

**Analysis Report**

Sr. No.	Parameter	Unit	Result		Permissible Limits	Protocol
			W-1	W-2		
1	pH	---	7.12	7.21	5.5 to 9.0	IS:3025 (P-11)
2	Total Suspended Solids (TSS)	mg/l	34	28	50	IS:3025 (P-17)
3	Chemical Oxygen Demand (COD)	mg/l	34	28	150	IS:3025 (P-58)
4	Bio-Chemical Oxygen Demand (5 days at 20°C) (BOD)	mg/l	5	4	30	IS:3025 (P-44)



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+91-9013591021, +91-9013552273

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Vallur Post, Chennai, India

Test Report No.: 202603160110-111  
Test Report Date: 26/03/2026

**Sample Particulars**

Nature of the Sample : **Wastewater (STP)**  
Sample Quantity & Packaging : **1.0 Liter, Pet Bottle (Each)**  
Sample Received at Lab : **20/03/2026**  
Test Started On : **20/03/2026**  
Test Completed On : **25/03/2026**  
Method of Sampling : **SOP/B/D-3**  
Date of Sampling : **16/03/2026**  
Monitoring Conducted By : **Mr. Surya**  
Sample Description : **W-1: STP O/L of Admin Building  
W-2: STP O/L of Car Parking**

**Analysis Report**

Sr. No.	Parameter	Unit	Result		Permissible Limits	Protocol
			W-1	W-2		
1	Faecal Coliform*	MPN/100 ml	500	350	<1000	IS:1622

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**(SANDEEP SAINI)**

(AUTHORISED SIGNATORY)  
**(DHANU PRIYA\*)**

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**(RAVINDER MITTAL)**

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+91-9013591021, +91-9013552273

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