



Kamarajar Port Limited

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

Reports on Environmental Monitoring of Kamarajar Port Limited



Study Period: November 2024

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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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 12th 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 November 2024 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 days date of PM₁₀, PM_{2.5}, SO₂, NO₂, Methane and CO were monitored.



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AMBIENT AIR QUALITY MONITORING:

Ambient air quality was monitored at different locations inside the port. The study area covers the periphery of Port and different parts of the port. A Total of 8 Ambient Air Quality Monitoring Stations covering both upwind and downwind were monitored during November 2024.

Table: Detail of Ambient Air Quality Monitoring Locations

Sr. No	Stations Code	Sampling Locations
1	AAQM-1	Security Main Gate
2	AAQM-2	Inside Port Administrative Building
3	AAQM-3	Signal Station
4	AAQM-4	Finger Jetty
5	AAQM-5	At 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 with a frequency of two samples per week i, e, at 8 Locations. A Total of 72 Samples each of PM₁₀ & PM_{2.5}, Samples of SO₂, NO₂, Methane and CO each were monitored by using Respirable dust sampler. Fine Particulate Sampler, Methane & CO Analyzer.



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Test Reports of Ambient Air Quality Monitoring



(RAVINDER MITTAL)

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2

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

Test Report Date: 07/12/2024

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. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/11/2024	TC148142400000068F	23.50	54.60	17.40	22.60	ND
2	04/11/2024	TC148142400000085F	27.35	56.40	15.60	23.10	ND
3	07/11/2024	TC148142400000141F	22.64	52.30	15.50	28.40	ND
4	11/11/2024	TC148142400000222F	22.50	56.70	17.50	22.60	ND
5	25/11/2024	TC148142400000447F	23.50	52.50	18.60	28.50	ND
NAAQM Standards			60	100	80	80	2
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

Remark:

NAAQS: 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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(RAVINDER MITTAL)

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Vallur Post, Chennai, India

Test Report Date: 07/12/2024

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. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/11/2024	202411010110	ND
2	04/11/2024	202411040110	ND
3	07/11/2024	202411070110	ND
4	11/11/2024	202411110110	ND
5	25/11/2024	202411250110	ND
Test Method			PID Based Methane Analyser

Remark:

NAAQS: 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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Test Report Date: 07/12/2024

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. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/11/2024	TC148142400000069F	21.36	31.60	12.30	27.30	ND
2	04/11/2024	TC148142400000086F	22.50	32.70	14.50	20.30	ND
3	07/11/2024	TC148142400000142F	25.60	35.50	15.60	21.20	ND
4	11/11/2024	TC148142400000223F	24.90	36.79	14.80	14.60	ND
5	25/11/2024	TC148142400000448F	22.40	38.50	16.50	28.40	ND
NAAQM Standards			60	100	80	80	2
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

Remark:

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

Test Report Date: 07/12/2024

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. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/11/2024	202411010111	ND
2	04/11/2024	202411040111	ND
3	07/11/2024	202411070111	ND
4	11/11/2024	202411110111	ND
5	25/11/2024	202411250111	ND
Test Method			PID Based Methane Analyser

Remark:

NAAQS: 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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Test Report Date: 07/12/2024

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. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/11/2024	TC148142400000070F	27.50	45.50	14.70	22.60	ND
2	04/11/2024	TC148142400000087F	30.90	43.30	16.40	24.50	ND
3	07/11/2024	TC148142400000143F	27.60	42.40	12.50	23.60	ND
4	11/11/2024	TC148142400000224F	29.80	49.10	16.30	22.50	ND
5	25/11/2024	TC148142400000449F	29.20	46.60	17.40	19.80	ND
NAAQM Standards			60	100	80	80	2
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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Test Report Date: 07/12/2024

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. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/11/2024	202411010112	ND
2	04/11/2024	202411040112	ND
3	07/11/2024	202411070112	ND
4	11/11/2024	202411110112	ND
5	25/11/2024	202411250112	ND
Test Method			PID Based Methane Analyser

Remark:

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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. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/11/2024	TC148142400000071F	23.50	46.30	14.40	21.40	ND
2	04/11/2024	TC148142400000088F	26.30	50.60	16.30	22.50	ND
3	07/11/2024	TC148142400000144F	23.40	48.90	15.40	20.20	ND
4	11/11/2024	TC148142400000225F	23.10	51.60	17.50	19.50	ND
5	25/11/2024	TC148142400000450F	24.20	52.80	18.40	22.10	ND
NAAQM Standards			60	100	80	80	2
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

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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. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/11/2024	202411010113	ND
2	04/11/2024	202411040113	ND
3	07/11/2024	202411110113	ND
4	11/11/2024	202411250113	ND
5	25/11/2024	202406240113	ND
Test Method			PID Based Methane Analyser

Remark:

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Sample Particulars

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Purpose of Monitoring : To Check the Pollution Load
Sampling Location : Finger Jetty
Method of Sampling : IS 5182 (Part 14)
Monitoring Conducted By : Mr. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) µg/m3	Carbon Monoxide (as CO) mg/m3
1	01/11/2024	TC148142400000072F	29.20	32.40	22.40	27.20	ND
2	04/11/2024	TC148142400000089F	33.20	33.80	19.40	22.20	ND
3	07/11/2024	TC148142400000145F	26.60	33.50	22.30	23.80	ND
4	11/11/2024	TC148142400000226F	23.60	38.90	20.20	21.60	ND
5	25/11/2024	TC148142400000451F	26.60	41.60	24.40	24.90	ND
NAAQM Standards			60	100	80	80	2
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

Remark:

NAAQS: 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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+91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com

www.nityalab.com

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

Test Report Date: 07/12/2024

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. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/11/2024	202411010114	ND
2	04/11/2024	202411040114	ND
3	07/11/2024	202411070114	ND
4	11/11/2024	202411110114	ND
5	25/11/2024	202411250114	ND
Test Method			PID Based Methane Analyser

Remark:

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(ii)] 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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labsnitya@gmail.com

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Vallur Post, Chennai, India

Test Report Date: 07/12/2024

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. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) µg/m3	Carbon Monoxide (as CO) mg/m3
1	01/11/2024	TC148142400000073F	23.40	33.50	16.20	21.30	ND
2	04/11/2024	TC148142400000090F	24.20	27.30	17.40	22.40	ND
3	07/11/2024	TC148142400000146F	27.80	29.40	18.10	23.40	ND
4	11/11/2024	TC148142400000227F	27.20	25.40	16.30	26.40	ND
5	25/11/2024	TC148142400000452F	26.30	27.20	17.30	21.50	ND
NAAQM Standards			60	100	80	80	2
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

Remark:

NAAQS: 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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Vallur Post, Chennai, India

Test Report Date: 07/12/2024

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. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/11/2024	202411010115	ND
2	04/11/2024	202411040115	ND
3	07/11/2024	202411070115	ND
4	11/11/2024	202411110115	ND
5	25/11/2024	202411250115	ND
Test Method			PID Based Methane Analyser

Remark:

NAAQS: 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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(RAVINDER MITTAL)

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Vallur Post, Chennai, India

Test Report Date: 07/12/2024

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. Shridhar
Sampling Duration (Hrs.) : 24 Hrs.

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) µg/m3	Particulate Matter (PM10) µg/m3	Sulphur Dioxide (as SO2) µg/m3	Nitrogen Dioxide (as NO2) ug/m3	Carbon Monoxide (as CO) mg/m3
1	01/11/2024	TC148142400000074F	27.40	32.50	17.30	22.50	ND
2	04/11/2024	TC148142400000091F	25.20	32.70	20.40	23.40	ND
3	07/11/2024	TC148142400000147F	28.50	33.10	21.20	25.20	ND
4	11/11/2024	TC148142400000228F	23.30	32.50	19.50	23.30	ND
5	25/11/2024	TC148142400000453F	26.20	31.40	18.30	21.40	ND
NAAQM Standards			60	100	80	80	2
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

Remark:

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(ii)] 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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Vallur Post, Chennai, India

Test Report Date: 07/12/2024

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. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/11/2024	202411010116	ND
2	04/11/2024	202411040116	ND
3	07/11/2024	202411070116	ND
4	11/11/2024	202411110116	ND
5	25/11/2024	202411250116	ND
Test Method			PID Based Methane Analyser

Remark:

NAAQS: 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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Test Report Date: 07/12/2024

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. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	ULR No	Concentration				
			Particulate Matter (PM2.5) $\mu\text{g}/\text{m}^3$	Particulate Matter (PM10) $\mu\text{g}/\text{m}^3$	Sulphur Dioxide (as SO ₂) $\mu\text{g}/\text{m}^3$	Nitrogen Dioxide (as NO ₂) $\mu\text{g}/\text{m}^3$	Carbon Monoxide (as CO) mg/m^3
1	01/11/2024	TC148142400000075F	24.40	42.50	22.10	23.40	ND
2	04/11/2024	TC148142400000092F	23.20	37.20	21.20	30.70	ND
3	07/11/2024	TC148142400000148F	26.40	34.30	23.40	28.50	ND
4	11/11/2024	TC148142400000229F	29.60	40.60	20.70	31.30	ND
5	25/11/2024	TC148142400000454F	25.10	41.60	19.40	27.30	ND
NAAQM Standards			60	100	80	80	2
Test Method			40CFR Appendix L Part 53 CPCB Guidelines	IS:5182 (P-23)	IS:5182 (P-2)	IS:5182 (P-6)	IS:5182 (P-10)

Remark:

NAAQS: National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(ii)] 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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labsnitya@gmail.com

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Vallur Post, Chennai, India

Test Report Date: 07/12/2024

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. Shridhar**
Sampling Duration (Hrs.) : **24 Hrs.**

Analysis Report

Sr. No.	Date of Sampling	Test Report No.	Concentration
			Methane (%)
1	01/11/2024	202411010117	ND
2	04/11/2024	202411040117	ND
3	07/11/2024	202411070117	ND
4	11/11/2024	202411110117	ND
5	25/11/2024	202411250117	ND
Test Method			PID Based Methane Analyser

Remark:

NAAQS: 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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+91-129-2241021

+91-9013591021, +91-9013552273

labsnitya@gmail.com

www.nityalab.com

Test Reports of Wastewater (STP)


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(RAVINDER MITTAL)

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Vallur Post, Chennai, India

ULR No.: TC14814240000076F-077F
Test Report Date: 12/11/2024

Sample Particulars

Nature of the Sample : **Wastewater (STP)**
Sample Quantity & Packaging : 1.0 Liter, Pet Bottle (Each)
Sample Received at Lab : 06/11/2024
Test Started On : 06/11/2024
Test Completed On : 11/11/2024
Method of Sampling : SOP/B/D-3
Date of Sampling : 01/11/2024
Monitoring Conducted By : Mr. Shridhar
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	...	7.53	7.33	5.5 to 9.0	IS:3025 (P-11)
2	Total Suspended Solids (TSS)	mg/l	58	84	50	IS:3025 (P-17)
3	Chemical Oxygen Demand (COD)	mg/l	80	70	150	IS:3025 (P-58)
4	Bio-Chemical Oxygen Demand (5 days at 20°C) (BOD)	mg/l	16	14	30	IS:3025 (P-44)



TC-14814

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Test Report No.: 202411010110
Test Report Date: 12/11/2024

Sample Particulars

Nature of the Sample : **Wastewater (STP)**
Sample Quantity & Packaging : 1.0 Liter, Pet Bottle (Each)
Sample Received at Lab : 06/11/2024
Test Started On : 06/11/2024
Test Completed On : 11/11/2024
Method of Sampling : SOP/B/D-3
Date of Sampling : 01/11/2024
Monitoring Conducted By : Mr. Shridhar
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	542	500	<1000	IS:1622

(AUTHORISED SIGNATORY)

(RHYTHM BASSON*)

(AUTHORISED SIGNATORY)

(RAVINDER MITTAL)

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