

**RE SUSTAINABILITY IWM SOLUTIONS LIMITED
(TESTING LABORATORY)**
SF NO.135-140, 143-148, 152 Undurimikidakulam,
A.Mukkulam, Virudhunagar District-630611.

AMBIENT AIR QUALITY MONITORING TEST REPORT

Test Report No. :RSIWMSL VDR/AAQMR/25-26/04-01

Name & Address of the Customer :M/S Re Sustainability IWM Solutions Limited.
Undurmikidakulam, Tiruchuli Taluk, Virudhunagar Dist.

Date of Report :02.05.2025
Name of the Location :Near TSDF Main Gate
Sampled by :R.venkatesan, Laboratory
Sub Contracting of Tests :No
Sampling Method (as mentioned in Test methods) :IS 5182 (Part 23) : 2006, IS 5182 (Part 6) : 2006, IS 5182 (Part 2) : 2001 (Reaffirmed 2006), CPCB Guidelines for the measurement of ambient air pollutants, volume-1 (National Ambient Air Quality Series: NAAQMS/36/2001-13)
Samples Description :Ambient Air Quality Monitoring Samples-April-25

TEST RESULTS

S.No.	Dates of Monitoring		31.03.2025-01.04.2025	04.04.2025-05.04.2025	07.04.2025-08.04.2025	11.04.2025-12.04.2025	14.04.2025-15.04.2025	18.04.2025-19.04.2025	21.04.2025-22.04.2025	25.04.2025-26.04.2025	National Ambient Air Quality Standard Limit
	Sample Registration numbers		RSIWMSL VDR /AAQ/04-01	RSIWMSL VDR /AAQ/04-04	RSIWMSL VDR /AAQ/04-07	RSIWMSL VDR /AAQ/04-10	RSIWMSL VDR /AAQ/04-13	RSIWMSL VDR /AAQ/04-16	RSIWMSL VDR /AAQ/04-19	RSIWMSL VDR /AAQ/04-22	
A	Temperature (°C)	--	36	35	35	37.5	37.5	39	38	38.4	
B	Wind speed (Km/h)	--	4.8	2.6	3.2	3.7	3.2	2.7	2.7	2.2	
C	Wind direction	--	ESE	ESE	NW	WSW	NNW	ESE	NNW	ESE	
	Analysis starting date		02.04.2025	07.04.2025	09.04.2025	14.04.2025	16.04.2025	21.04.2025	23.04.2025	28.04.2025	
	Analysis completion date		03.04.2025	08.04.2025	10.04.2025	15.04.2025	17.04.2025	22.04.2025	24.04.2025	29.04.2025	
	Parameter	Methods									
1	Particulate Matter (PM10 (µg/m3)	IS 5182 (Part 23) : 2006	34.50	34.40	37.30	38.40	35.60	36.20	37.40	36.80	100
2	Oxides of Nitrogen (µg/m³)	IS 5182 (Part 6) : 2006	7.24	8.12	7.88	9.24	8.74	7.87	8.20	6.69	80
3	Sulphur Dioxide (µg/m³)	IS 5182 (Part 2) : 2001 (Reaffirmed 2006)	5.24	5.54	6.12	7.21	5.34	5.25	5.12	4.54	80
4	Particulate Matter (PM2.5 (µg/m3)	CPCB Guidelines for the measurement of ambient air pollutants, volume-1 (National Ambient Air Quality Series: NAAQMS/36/2012-13)	12.88	12.80	18.80	15.40	13.40	14.80	13.20	14.54	60
5	Ozone (µg/m³)		2.66	2.87	2.51	4.42	3.89	4.04	3.89	2.89	180
6	Ammonia (µg/m³)		2.12	<1.0	1.13	<1.0	<1.0	1.80	1.40	<1.0	400
7	Nickel (ng/m³)		<1	<1	<1	<1	<1	<1	<1	<1	20
8	Lead (µg/m3)		<1	<1	<1	<1	<1	<1	<1	<1	1
9	Arsenic (ng/m³)		<5	<5	<5	<5	<5	<5	<5	<5	6

End of the Report

Remarks: Nil

*Reports pertained only to the collected samples.

*Test reports shall not be reproduced expect in full, without approval from Quality Manager of the Laboratory.

Checked by

Authorised by

S.Suresh
(Quality Manager)

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A.Mukkulam, Virudhunagar District-630611.

AMBIENT AIR QUALITY MONITORING TEST REPORT

Test Report No. :RSIWMSL VDR/AAQMR/25-26/04-02

Name & Address of the Customer :M/S Re Sustainability IWM Solutions Limited.
Undurmikidakulam, Tiruchuli Taluk, Virudhunagar Dist.

Date of Report :02.05.2025
Name of the Location :Near Stabilization Plant
Sampled by :R.venkatesan, Laboratory
Sub Contracting of Tests :No
Sampling Method (as mentioned in Test methods) :IS 5182 (Part 23) : 2006, IS 5182 (Part 6) : 2006, IS 5182 (Part 2) : 2001 (Reaffirmed 2006), CPCB Guidelines for the measurement of ambient air pollutants, volume-1 (National Ambient Air Quality Series: NAAQMS/36/2001-13)
Samples Description :Ambient Air Quality Monitoring Samples-April-25

TEST RESULTS

S.No.	Dates of Monitoring	31.03.2025-01.04.2025	04.04.2025-05.04.2025	07.04.2025-08.04.2025	11.04.2025-12.04.2025	14.04.2025-15.04.2025	18.04.2025-19.04.2025	21.04.2025-22.04.2025	25.04.2025-26.04.2025	National Ambient Air Quality Standard Limit
	Sample Registration numbers	RSIWMSL VDR /AAQ/04-02	RSIWMSL VDR /AAQ/04-05	RSIWMSL VDR /AAQ/04-08	RSIWMSL VDR /AAQ/04-11	RSIWMSL VDR /AAQ/04-14	RSIWMSL VDR /AAQ/04-17	RSIWMSL VDR /AAQ/04-20	RSIWMSL VDR /AAQ/04-23	
A	Temperature (°C)	36	35	35	37.5	37.5	39	38	38.4	
B	Wind speed (Km/h)	4.8	2.6	3.2	3.7	3.2	2.7	2.7	2.2	
C	Wind direction	ESE	ESE	NW	WSW	NNW	ESE	NNW	ESE	
	Analysis starting date	02.04.2025	07.04.2025	09.04.2025	14.04.2025	16.04.2025	21.04.2025	23.04.2025	28.04.2025	
	Analysis completion date	03.04.2025	08.04.2025	10.04.2025	15.04.2025	17.04.2025	22.04.2025	24.04.2025	29.04.2025	
	Parameter	Methods								
1	Particulate Matter (PM ₁₀) (µg/m ³)	IS 5182(Part 23) : 2006	30.34	28.88	33.50	35.50	33.20	26.40	29.40	100
2	Oxides of Nitrogen (µg/m ³)	IS 5182 (Part 6) : 2006	3.36	2.89	3.12	2.54	3.12	2.97	4.14	80
3	Sulphur Dioxide (µg/m ³)	IS 5182 (Part 2) : 2001 (Reaffirmed 2006)	2.12	1.89	2.08	1.98	2.12	1.86	2.87	80
4	Particulate Matter (PM _{2.5}) (µg/m ³)	CPCB Guidelines for the measurement of ambient air pollutants, volume-1 (National Ambient Air Quality Series: NAAQMS/36/2012-13)	15.40	13.20	12.80	13.40	11.80	12.90	10.80	60
5	Ozone (µg/m ³)		1.40	2.40	1.80	2.20	1.20	1.40	2.40	180
6	Ammonia (µg/m ³)		1.2	<1.0	1.4	1.20	<1.0	<1.0	1.4	400
7	Nickel (ng/m ³)		<1	<1	<1	<1	<1	<1	<1	20
8	Lead (µg/m ³)		<1	<1	<1	<1	<1	<1	<1	1
9	Arsenic (ng/m ³)		<5	<5	<5	<5	<5	<5	<5	6

End of the Report

Remarks: Nil
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AMBIENT AIR QUALITY MONITORING TEST REPORT

Test Report No. :RSIWMSL VDR/AAQMR/25-26/04-03

Name & Address of the Customer :M/S Re Sustainability IWM Solutions Limited.
Undurimikidakulam, Tiruchuli Taluk, Virudhunagar Dist.

Date of Report :02.05.2025
Name of the Location :Near Landfill
Sampled by :R.venkatesan, Laboratory
Sub Contracting of Tests :No
Sampling Method (as mentioned in Test methods) :IS 5182 (Part 23) : 2006, IS 5182 (Part 6) : 2006, IS 5182 (Part 2) : 2001 (Reaffirmed 2006), CPCB Guidelines for the measurement of ambient air pollutants, volume-1 (National Ambient Air Quality Series: NAAQMS/36/2001-13)
Samples Description :Ambient Air Quality Monitoring Samples-April-25

TEST RESULTS

S.No.	Dates of Monitoring	31.03.2025-01.04.2025	04.04.2025-05.04.2025	07.04.2025-08.04.2025	11.04.2025-12.04.2025	14.04.2025-15.04.2025	18.04.2025-19.04.2025	21.04.2025-22.04.2025	25.04.2025-26.04.2025	National Ambient Air Quality Standard Limit
	Sample Registration numbers	RSIWMSL VDR /AAQ/03-03	RSIWMSL VDR /AAQ/03-06	RSIWMSL VDR /AAQ/03-09	RSIWMSL VDR /AAQ/03-12	RSIWMSL VDR /AAQ/03-15	RSIWMSL VDR /AAQ/03-18	RSIWMSL VDR /AAQ/03-21	RSIWMSL VDR /AAQ/03-24	
A	Temperature (°C)	--	36	35	35	37.5	39	38	38.4	
B	Wind speed (Km/h)	--	4.8	2.6	3.2	3.7	3.2	2.7	2.2	
C	Wind direction	--	ESE	ESE	NW	WSW	NNW	ESE	NNW	
	Analysis starting date	02.04.2025	07.04.2025	09.04.2025	14.04.2025	16.04.2025	21.04.2025	23.04.2025	28.04.2025	
	Analysis completion date	03.04.2025	08.04.2025	10.04.2025	15.04.2025	17.04.2025	22.04.2025	24.04.2025	29.04.2025	
	Parameter	Methods								
1	Particulate Matter (PM ₁₀) (µg/m ³)	IS 5182(Part 23) : 2006	35.42	36.62	34.80	33.50	38.70	33.80	30.40	100
2	Oxides of Nitrogen (µg/m ³)	IS 5182 (Part 6) : 2006	2.12	3.12	2.78	2.54	3.12	3.24	3.44	80
3	Sulphur Dioxide (µg/m ³)	IS 5182 (Part 2) : 2001 (Reaffirmed 2006)	1.89	1.56	2.02	1.98	1.54	1.32	1.44	80
4	Particulate Matter (PM _{2.5}) (µg/m ³)	CPCB Guidelines for the measurement of ambient air pollutants, volume-1 (National Ambient Air Quality Series: NAAQMS/36/2012-13)	14.20	15.20	18.80	17.20	16.40	13.60	12.80	60
5	Ozone (µg/m ³)		1.80	2.40	3.40	1.20	1.40	1.80	2.40	180
6	Ammonia (µg/m ³)									400
7	Nickel (ng/m ³)		<1	<1	<1	<1	<1	<1	<1	20
8	Lead (µg/m ³)		<1	<1	<1	<1	<1	<1	<1	1
9	Arsenic (ng/m ³)		<5	<5	<5	<5	<5	<5	<5	6

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