

EMTRC LAB

(EMTRC CONSULTANTS PRIVATE LIMITED)

F-66, Road No.2, Phase-I, UPSIDC Industrial Area
Masuri Gulawathi Road, Ghazibad (UP)-201009
Recognized by Ministry of Environment & Forests, GOI
Vide Notification No S.O.592 (E) 08.03.2013 to 07.03.2018

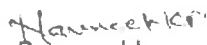
TEST REPORT

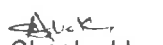
Issued To – M/s Delhi Buildwell Pvt. Ltd.
Address – M-11, Middle Circle, Connaught Circus
New Delhi - 110001
Party Code No. --DBPL/30/01
Name of Project –Park Centra at Village-Silokhera Sector-30 Gurgaon
Nature of Sample –Ambient Air Quality Monitoring
Sample Collected by –Scientists of EMTRC

AMBIENT AIR QUALITY TEST RESULTS

	Parameters	Unit	Locations		
			Project Site	Silokhera Village	National Standard
	Date of Monitoring		16-12-2013	16-12-2013	
1	PM _{2.5}	µg/m ³	48	42	60 (24-hours average)
2	PM ₁₀	µg/m ³	78	74	100(24-hours average)
3	Sulphur dioxide (SO ₂)	µg/m ³	12.6	10.6	80 (24-hours average)
4	Nitrogen dioxide (NO ₂)	µg/m ³	29.8	32.4	80 (24-hours average)

Test Method- Measurement of Ambient Air Pollutants (Vol-I), CPCB, May 2011


Prepared by
(Chemist)


Checked by
(Sr.Chemist)


Authorized Signatory
(Government Analyst)

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Address – M-11, Middle Circle, Connaught Circus
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Party Code No. -- DBPL/30/02
Name of Project – Park Centra at village-Silokhera Sector-30 Gurgaon
Nature of Sample – Ambient Air Quality Monitoring
Sample Collected by – Scientists of EMTRC

AMBIENT AIR QUALITY TEST RESULTS

	Parameters	Locations			
		Unit	Near Jalvayu Vihar	Sector-41 Main Gate	National Standard
Date of Monitoring			17-12-2013	17-12-2013	
1	PM _{2.5}	µg/m ³	45	49	60 (24-hours average)
2	PM ₁₀	µg/m ³	76	80	100(24-hours average)
3	Sulphur dioxide (SO ₂)	µg/m ³	11.2	12.8	80 (24-hours average)
4	Nitrogen dioxide (NO ₂)	µg/m ³	30.6	37.2	80 (24-hours average)

Test Method- Measurement of Ambient Air Pollutants (Vol-I), CPCB, May 2011

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 Address – M-11, Middle Circle, Connaught Circus
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 Party Code No. -- DBPL/30/03
 Name of Project – Park Centra at village-Silokhera Sector-30 Gurgaon
 Nature of Sample – Ground Water
 Date of Monitoring – 17-12-2013
 Sample Collected by – Scientists of EMTRC

WATER QUALITY TEST RESULTS

	Parameters	Unit	Test Methods	Project site	Silokhera village	Permissible limit IS:10500
1	pH	-	APHA-4500	7.84	7.66	6.5 – 8.5
2	Conductivity	µmhos/cm	APHA-2510	1150	1320	-
3	Turbidity	NTU	APHA-2030B	3	3	10
4	Total Dissolved Solids	mg/l	APHA-2540B	780	986	2000
5	Total Hardness as CaCO ₃	mg/l	APHA-2340C	300	330	600
6	Calcium as Ca	mg/l	APHA-4500B	76	92	200
7	Magnesium as Mg	mg/l	APHA-4500B	26.7	24.3	100
8	Chlorides as Cl	mg/l	APHA-4500B	78	116	1000
9	Nitrates as NO ₃	mg/l	APHA-4500	8.6	9.2	100
10	Fluoride as F	mg/l	APHA-4500D	0.76	0.72	1.5
11	Phosphates as PO ₄	mg/l	APHA-4500C	0.022	0.028	0.3
12	Iron as Fe	mg/l	APHA-3111B	0.018	0.026	1.0
13	Copper as Cu	mg/l	APHA-3111B	<0.02	<0.02	1.5
14	Lead as Pb	mg/l	APHA-3111B	<0.01	<0.01	0.05
15	Manganese as Mn	mg/l	APHA-3111B	<0.05	<0.05	0.3
16	Zinc as Zn	mg/l	APHA-3111B	1.1	1.3	15
17	Chromium	mg/l	APHA-3111B	<0.05	<0.05	0.05
18	Nickel as Ni	mg/l	APHA-3111B	<0.01	<0.01	0.05
19	Oil & Grease	mg/l	APHA-5520D	Nil	Nil	0.03
20	Cadmium as Cd	mg/l	APHA-3111B	<0.01	<0.01	0.05
21	Mercury as Hg	mg/l	APHA-3111B	<0.001	<0.001	0.001
22	Arsenic as As	mg/l	APHA-3111B	<0.001	<0.001	0.05
23	Selenium as Se	mg/l	APHA-3111B	<0.01	<0.01	0.05
24	Cobalt as Co	mg/l	APHA-3111B	<0.01	<0.01	0.05
25	Total coliform	MPN/100ml	APHA-9230B	Nil	Nil	Nil

Prepared by
(Chemist)

Checked by
(Sr.Chemist)

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(Government Analyst)

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Address – M-11, Middle Circle, Connaught Circus
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Party Code No. -- DBPL/30/04
Name of Project – Park Centra at village-Silokhera Sector-30 Gurgaon
Nature of Sample – Noise Quality
Sample Collected by – Scientists of EMTRC

AMBIENT NOISE LEVEL

Location Name	Date of Monitoring	Day time Leq; dB(A)	Day time Standard Leq; dB(A)	Night time Leq; dB(A)	Night time Standard Leq; dB(A)
Project Site	17-12-2013	52.6	55	42.6	45
Silokhera Village	17-12-2013	51.4	55	42.2	45
Near Jalvayu Vihar	16-12-2013	52.2	55	42.4	45
Sector-41 Main Gate	16-12-2013	52.8	55	42.6	45

Navneet K
Prepared by
(Chemist)

A. K.
Checked by
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Name of Project – Park Centra at village-Silokhera Sector-30 Gurgaon
Nature of Sample – Soil Quality
Date of Monitoring – 17-12-2013
Sample Collected by – Scientists of EMTRC

ANALYSIS RESULTS

	Parameters	Soil sample Project site
1	Bulk Density; g/cm ³	1.34
2	Color	Light Brown
3	Organic matter; %	0.58
4	Water Holding Capacity, %	32
5	pH (20% slurry)	8.16
6	Texture	Sandy loam
7	Carbonates, %	NT
9	Bicarbonates, %	0.0675
10	Conductivity (20% slurry), μ mhos/cm	320
11	Potassium, %	0.28
12	Phosphorus, %	0.024
13	Nitrogen, %	1.30

Nannu
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Abhishek
Checked by
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H. J. S.
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