

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 BPTP Parklands Pride Ltd.
 Address – M-11, Middle Circle, Connaught Circus
 New Delhi - 110001
 Name of Project – Residential Plotted Colony at Village-Mauja Nimka,
 Sector-77-78, Faridabad
 Party Code No. --BPTP/11/01
 Nature of Sample – Ambient Air Quality Monitoring
 Sample Collected by – Scientists of EMTRC

AMBIENT AIR QUALITY TEST RESULTS

	Parameters	Unit	Locations		
			Project Site	Sadeepura (Commercial Zone)	National Standard
Date of Monitoring			24-12-2013	24-12-2013	
1	PM _{2.5}	µg/m ³	49	45	60 (24-hours average)
2	PM ₁₀	µg/m ³	90	84	100(24-hours average)
3	Sulphur dioxide (SO ₂)	µg/m ³	10.6	10.2	80 (24-hours average)
4	Nitrogen dioxide (NO ₂)	µg/m ³	27.8	24.8	80 (24-hours average)

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

Naynand K. S.
 Prepared by
 (Chemist)

Abhishek
 Checked by
 (Sr.Chemist)

M. K. Singh
 Authorized Signatory
 (Government Analyst)

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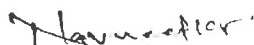
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Name of Project – Residential Plotted Colony at Village-Mauja Nimka,
Sector-77-78, Faridabad
Party Code No. --BPTP/11/02
Nature of Sample – Ambient Air Quality Monitoring
Sample Collected by – Scientists of EMTRC

AMBIENT AIR QUALITY TEST RESULTS

	Parameters	Locations			
		Unit	Badauli Village	Bhuapura Village	National Standard
Date of Monitoring			25-12-2013	25-12-2013	
1	PM _{2.5}	µg/m ³	47	45	60 (24-hours average)
2	PM ₁₀	µg/m ³	88	82	100(24-hours average)
3	Sulphur dioxide (SO ₂)	µg/m ³	10.8	9.6	80 (24-hours average)
4	Nitrogen dioxide (NO ₂)	µg/m ³	30.2	24.5	80 (24-hours average)

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


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Name of Project : Residential Plotted Colony at Village-Mauja Nimka,
Sector-77-78, Faridabad
Party Code No. : --BPTP/11/03
Nature of Sample : Ground Water
Date of Monitoring : 25-12-2013
Sample Collected by : Scientists of EMTRC

WATER QUALITY TEST RESULTS

	Parameters	Unit	Test Methods	Project site	Sadeepura	Permissible limit IS:10500
1	pH	-	APHA-4500	7.47	7.54	6.5 - 8.5
2	Conductivity	µmhos/cm	APHA-2510	1020	1290	-
3	Turbidity	NTU	APHA-2030B	2	3	10
4	Total Dissolved Solids	mg/l	APHA-2540B	750	946	2000
5	Total Hardness as CaCO ₃	mg/l	APHA-2340C	310	380	600
6	Calcium as Ca	mg/l	APHA-4500B	76	96	200
7	Magnesium as Mg	mg/l	APHA-4500B	29.2	34	100
8	Chlorides as Cl	mg/l	APHA-4500B	172	232	1000
9	Nitrates as NO ₃	mg/l	APHA-4500	8.6	9.6	100
10	Fluoride as F	mg/l	APHA-4500D	0.65	0.72	1.5
11	Phosphates as PO ₄	mg/l	APHA-4500C	0.026	0.045	0.3
12	Iron as Fe	mg/l	APHA-3111B	0.092	0.12	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	0.01
15	Manganese as Mn	mg/l	APHA-3111B	<0.05	<0.05	0.3
16	Zinc as Zn	mg/l	APHA-3111B	0.24	0.38	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

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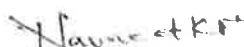
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Name of Project – Residential Plotted Colony at Village-Mauja Nimka,
Sector-77-78, Faridabad
Party Code No. --BPTP/11/04
Nature of Sample – Noise Quality
Sample Collected by – Scientists of EMTRC

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	25-12-2013	52.8	55	41.8	45
Badauli Village	25-12-2013	50.6	55	41.2	45
Bhuapura Village	24-12-2013	49.4	55	40.6	45
Sadeepura (Commercial Zone)	24-12-2013	55.8	65	46.4	55


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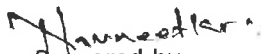
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Party Code No. --BPTP/11/05
Nature of Sample - Soil Quality
Date of Monitoring - 25-12-2013
Sample Collected by - Scientists of EMTRC

ANALYSIS RESULTS

	Parameters	Soil sample Project site
1	Bulk Density; g/cm ³	1.33
2	Color	Brown
3	Organic matter; %	0.48
4	Water Holding Capacity, %	32
5	pH (20% slurry)	7.96
6	Texture	Sandy loam
7	Carbonates, %	NT
9	Bicarbonates, %	0.04
10	Conductivity (20% slurry), μ mhos/cm	240
11	Potassium, %	0.24
12	Phosphorus, %	0.026
13	Nitrogen, %	1.28


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