

**JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
(A UNIT OF JAIPRAKASH ASSOCIATES LTD.)
AMBIENT AIR QUALITY MONITORING REPORT
Monthly Report (August -2016)**

PARTICULARS	RSPM(PM ₁₀) µg/m ³	RSPM(PM _{2.5}) µg/m ³	SO ₂ µg/m ³	NO _x µg/m ³
LOCATION: 1 NEAR TOWNSHIP				
Minimum	36.06	12.58	1.62	10.30
Maximum	49.80	21.00	2.38	12.79
Average	40.21	15.41	2.11	11.83
LOCATION 2: NEAR DEHNI VILLAGE				
Minimum	35.76	12.55	1.82	10.90
Maximum	43.68	25.25	2.44	13.05
Average	38.64	16.83	2.11	11.88
LOCATION 3: NEAR PADIYANA VILLAGE				
Minimum	35.08	12.58	1.83	9.90
Maximum	46.42	20.9	2.38	12.67
Average	39.92	15.39	2.14	11.45

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STACK MONITORING REPORT
MONTHLY REPORT (August'2016)

PARTICULARS	stack gas Temp. (°K)	Stack gases velocity (m/sec)	Dust Conc. (mg/Nm³)
Minimum	348.0	3.50	15.30
Maximum	357.0	4.46	26.67
Average	348.8	4.00	20.62

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AMBIENT NOISE LEVEL MEASUREMENT REPORT
MONTHLY REPORT (August, 2016)

LOCATION: 1 NEAR ADMIN BLOCK(Plant boundary)		
PARTICULARS	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
Minimum	67.90	63.50
Maximum	70.40	67.70
Average	69.20	65.35
LOCATION 2: NEAR PANDYANA VILLAGE		
Minimum	47.90	42.50
Maximum	49.60	44.20
Average	48.60	43.45
LOCATION 3: NEAR TOWNSHIP		
Minimum	46.30	42.70
Maximum	48.70	44.30
Average	47.78	43.68
LOCATION 4: NEAR BAGHERI VILLAGE		
MINIMUM	46.80	42.40
Maximum	49.30	44.30
Average	48.05	43.60
LOCATION 5: NEAR DEHNI VILLAGE		
MINIMUM	46.70	42.40
Maximum	49.00	44.30
Average	47.90	43.38

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SEWAGE TREATMENT PLANT REPORT
MONTHLY REPORT (August'2016)

SNo.	Parameters	Testing Values (After Treatment)		
		Minimum	Maximum	Average
1	pH	7.10	7.30	7.20
2	BOD	15.60	18.40	16.68
3	COD	32.50	42.30	37.00
4	TSS	26.30	32.50	29.20
5	Chloride	27.50	32.40	29.68
6	Oil & Grease	Negligible	Negligible	Negligible

Note: All parameters are in mg/litr, except pH
:Treated water is used in green belt & Horticulture.

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Ground Water (borewell) Quality Analysis Report
MONTHLY REPORT (August, 2016)

SNo.	Parameters	Min	Max	Avg
1	pH	7.00	7.20	7.08
2	Total Hardness as CaCo3(mg/L)	236.00	250.00	242.75
3	Chloride as Cl (mg/L)	18.00	21.00	19.38
4	Dissolved Solids(mg/L)	290.00	305.00	297.75