

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
(A UNIT OF JAIPRAKASH ASSOCIATES LTD.)
AMBIENT AIR QUALITY MONITORING REPORT
Monthly Report (September -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	43.95	21.07	2.04	12.10
Maximum	62.78	29.66	3.05	13.50
Average	54.81	23.93	2.61	12.82
LOCATION 2: NEAR DEHNI VILLAGE				
Minimum	45.35	16.78	2.16	10.94
Maximum	66.19	29.71	3.28	13.14
Average	56.54	23.92	2.71	12.48
LOCATION 3: NEAR PADIYANA VILLAGE				
Minimum	46.26	21	1.97	11.48
Maximum	63.82	33.78	3.06	13.40
Average	57.10	25.29	2.53	12.68

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STACK MONITORING REPORT
MONTHLY REPORT (September'2016)

PARTICULARS	stack gas Temp. (°K)	Stack gases velocity (m/sec)	Dust Conc. (mg/Nm³)
Minimum	345.0	3.56	21.28
Maximum	351.0	3.97	28.30
Average	348.0	3.79	24.53

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

LOCATION: 1 NEAR ADMIN BLOCK(Plant boundary)		
PARTICULARS	NOISE LEVEL dB(A)	
	DAY TIME	NIGHT TIME
Minimum	68.70	62.80
Maximum	71.30	66.20
Average	70.03	64.35
LOCATION 2: NEAR PANDYANA VILLAGE		
Minimum	47.20	42.70
Maximum	49.30	43.60
Average	48.25	43.18
LOCATION 3: NEAR TOWNSHIP		
Minimum	46.80	40.80
Maximum	50.20	44.20
Average	48.13	42.65
LOCATION 4: NEAR BAGHERI VILLAGE		
MINIMUM	46.50	41.70
Maximum	48.30	43.10
Average	47.48	42.40
LOCATION 5: NEAR DEHNI VILLAGE		
MINIMUM	46.80	40.20
Maximum	49.70	43.60
Average	48.15	42.10

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SEWAGE TREATMENT PLANT REPORT
MONTHLY REPORT (September'2016)

SNo.	Parameters	Testing Values (After Treatment)		
		Minimum	Maximum	Average
1	pH	7.20	7.40	7.28
2	BOD	12.60	17.20	15.13
3	COD	42.70	50.20	46.05
4	TSS	26.30	32.40	29.73
5	Chloride	28.80	32.00	30.23
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 (September, 2016)

SNo.	Parameters	Min	Max	Avg
1	pH	6.90	7.10	7.00
2	Total Hardness as CaCo3(mg/L)	230.00	246.00	237.75
3	Chloride as Cl (mg/L)	19.60	22.00	20.95
4	Dissolved Solids(mg/L)	278.00	292.00	283.50