

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
(A UNIT OF JAIPRAKASH ASSOCIATES LTD.)
AMBIENT AIR QUALITY MONITORING REPORT
Monthly Report (October -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 | 60.64 | 21.05 | 1.94 | 12.08 |
| Maximum | 68.63 | 38.29 | 2.90 | 14.40 |
| Average | 63.58 | 29.64 | 2.41 | 12.88 |
| LOCATION 2: NEAR DEHNI VILLAGE | | | | |
| Minimum | 57.97 | 25.30 | 1.80 | 11.20 |
| Maximum | 68.53 | 33.95 | 3.08 | 14.08 |
| Average | 63.11 | 31.05 | 2.44 | 12.20 |
| LOCATION 3: NEAR PADIYANA VILLAGE | | | | |
| Minimum | 56.00 | 25.44 | 1.90 | 11.36 |
| Maximum | 71.39 | 38.39 | 3.26 | 14.40 |
| Average | 64.49 | 32.54 | 2.29 | 12.41 |

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
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STACK MONITORING REPORT
MONTHLY REPORT (October'2016)

| PARTICULARS | stack gas Temp. (°K) | Stack gases velocity (m/sec) | Dust Conc. (mg/Nm³) |
|--------------------|---------------------------------|---|---|
| Minimum | 345.0 | 3.56 | 22.31 |
| Maximum | 349.0 | 4.13 | 27.33 |
| Average | 346.8 | 3.84 | 24.63 |

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
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AMBIENT NOISE LEVEL MEASUREMENT REPORT
MONTHLY REPORT (October, 2016)

| LOCATION: 1 NEAR ADMIN BLOCK(Plant boundary) | | |
|--|-------------------|------------|
| PARTICULARS | NOISE LEVEL dB(A) | |
| | DAY TIME | NIGHT TIME |
| Minimum | 67.90 | 61.70 |
| Maximum | 71.60 | 67.70 |
| Average | 69.61 | 64.85 |
| LOCATION 2: NEAR PANDYANA VILLAGE | | |
| Minimum | 47.90 | 42.70 |
| Maximum | 50.40 | 43.90 |
| Average | 49.18 | 43.45 |
| LOCATION 3: NEAR TOWNSHIP | | |
| Minimum | 45.70 | 40.80 |
| Maximum | 48.30 | 43.50 |
| Average | 46.98 | 42.03 |
| LOCATION 4: NEAR BAGHERI VILLAGE | | |
| MINIMUM | 46.30 | 41.20 |
| Maximum | 48.70 | 43.20 |
| Average | 47.55 | 42.30 |
| LOCATION 5: NEAR DEHNI VILLAGE | | |
| MINIMUM | 46.90 | 40.40 |
| Maximum | 48.10 | 42.40 |
| Average | 47.55 | 41.55 |

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
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SEWAGE TREATMENT PLANT REPORT
MONTHLY REPORT (October'2016)

| SNo. | Parameters | Testing Values (After Treatment) | | |
|------|--------------|-------------------------------------|------------|------------|
| | | Minimum | Maximum | Average |
| 1 | pH | 7.20 | 7.40 | 7.30 |
| 2 | BOD | 14.00 | 18.00 | 16.25 |
| 3 | COD | 32.00 | 40.00 | 35.50 |
| 4 | TSS | 28.00 | 34.00 | 30.25 |
| 5 | Chloride | 28.00 | 36.00 | 32.50 |
| 6 | Oil & Grease | Negligible | Negligible | Negligible |

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

JAYPEE HIMACHAL CEMENT GRINDING AND BLENDING UNIT, BAGHERI
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Ground Water (borewell) Quality Analysis Report
MONTHLY REPORT (October, 2016)

| SNo. | Parameters | Min | Max | Avg |
|------|-------------------------------|--------|--------|--------|
| 1 | pH | 7.00 | 7.20 | 7.10 |
| 2 | Total Hardness as CaCo3(mg/L) | 245.00 | 250.00 | 247.75 |
| 3 | Chloride as Cl (mg/L) | 22.00 | 26.00 | 24.00 |
| 4 | Dissolved Solids(mg/L) | 285.00 | 294.00 | 288.75 |