

Ambuja Cement

STACK EMISSION MONITORING RESULTS (For the month of JUNE - 2010)

| Sr. No. | Stacks Attached To | Particulate matter (mg/Nm ³) | | | | | |
|---------|--------------------|--|---------|----------|---------|------------|------------|
| | | Week | | | | Min. Value | Max. Value |
| | | I Week | II Week | III Week | IV Week | | |
| 1 | Glass Bag House | 40.28 | 38.68 | 41.74 | 37.00 | 37.00 | 41.74 |
| 2 | Cooler ESP | 49.30 | 50.26 | 52.64 | 46.08 | 46.08 | 52.64 |
| 3 | Cement Mill ESP | 42.87 | 51.92 | 44.77 | 45.51 | 42.87 | 51.92 |
| 4 | Coal Mill B/F | 49.83 | 40.67 | 43.30 | 50.86 | 40.67 | 50.86 |
| 5 | Main Crusher B/F | 51.27 | 50.10 | 49.11 | 52.32 | 49.11 | 52.32 |

WATER QUALITY ANALYSIS FOR GYANA KHAD (For the Month of JUNE - 2010)

| FREQUENCY | SAMPLING POINTS | PARAMTERS | | | |
|-------------------------|-----------------|-----------|---------------|---------------|--------------|
| | | pH | TSS (mg/Lit.) | TDS (mg/Lit.) | DO (mg/Lit.) |
| FIRST FORTNIGHT | 1 | 7.4 | 16.0 | 350.0 | 5.30 |
| | 2 | 7.2 | 15.0 | 355.0 | 5.40 |
| | 3 | 7.4 | 20.0 | 355.0 | 5.45 |
| | 4 | 7.5 | 25.0 | 355.0 | 5.10 |
| SECOND FORTNIGHT | 1 | 7.3 | 22.0 | 370.0 | 5.10 |
| | 2 | 7.5 | 20.0 | 330.0 | 4.85 |
| | 3 | 7.2 | 15.0 | 385.0 | 4.95 |
| | 4 | 7.3 | 23.0 | 370.0 | 5.25 |

Sampling Points

1. 500 mts. upstream of First Nallah before joining Gyana Khad.
2. 500 mts. upstream of Second Nallah before joining Gyana Khad.
3. V- Notch Installed In Gyana Khad (SE side of ML Area)
4. 500 mts. downstream from V- notch of Gyana Khad.

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| <p>AMBUJA CEMENTS LIMITED (UNIT SULI) P.O. Darlaghat-171 102 Tehsil Arki, Distt. Solan (H.P.) Phone : 01796-246468, 246401, 246283, Fax: 248335, 248316 (Regd. Off. : P.O. Ambuja Nagar, Taluka : Kodinar, Distt. Junagarh, Gujarat – 362 715)</p> |
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Ambuja Cement

AMBIENT AIR QUALITY MONITORING RESULTS (For the Month of JUNE - 2010) (Monthly Average)

| Stations | Suspended Particulate Matter ($\mu\text{g}/\text{m}^3$) | | | | |
|--------------------|---|-------------------|-------|------------|------------|
| | <10 μg (RPM) | >10 μg | SPM | Min. Value | Max. Value |
| KHATA | 72.2 | 87.4 | 159.6 | 116.8 | 183.5 |
| DARLAGHAT | 81.9 | 91.5 | 173.5 | 127.9 | 189.9 |
| BAHAN | 75.8 | 84.7 | 160.5 | 130.4 | 179.8 |
| MINES DORMITORY | 81.9 | 91.6 | 173.5 | 121.3 | 190.5 |
| RATHOH | 76.0 | 87.2 | 163.2 | 136.8 | 175.0 |
| MANGOO | 74.7 | 83.2 | 157.8 | 127.4 | 172.4 |
| CHANDI | 73.8 | 85.7 | 159.5 | 125.2 | 173.5 |
| PACHEUR | 71.0 | 80.2 | 151.2 | 117.1 | 173.7 |
| RAURI | 82.9 | 91.7 | 174.5 | 131.6 | 191.1 |
| BATEDH | 78.9 | 89.6 | 168.4 | 123.2 | 184.1 |

SEWAGE WATER RECLAMATION PLANT (Analysis Report – JUNE - 2010) (Monthly Average)

| Sr. No. | PARAMETERS | TREATED WATER RESULTS | | | STIPULATED LIMIT BY HP SPCB |
|---------|---------------------------|-----------------------|------|------|-----------------------------|
| | | Min. | Max. | Avg. | |
| 1. | pH | 7.0 | 7.5 | 7.3 | - |
| 2. | BOD (5 Days at 20 Deg. C) | 2 | 10 | 6 | 30 mg/Lit. |
| 3. | Total Suspended Solids | 18 | 32 | 23 | 100 mg/Lit. |

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