

1-hour TSP Monitoring Results

Station AM5

| Date | Start Time | Finish Time | Weather | TSP Concentration (µg/m ³) | Action Level (µg/m ³) | Limit Level (µg/m ³) | Site Conditions / Observations / Remarks | Temperature (°C) | Wind Speed* (m/s) | Sampler ID | Filter ID |
|-----------|------------|-------------|---------|--|-----------------------------------|----------------------------------|--|------------------|-------------------|------------|-----------|
| 02-Aug-10 | 08:00 | 09:00 | Sunny | 196 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 29.4 | <5 | 2145 | 235 |
| | 09:35 | 10:35 | Sunny | 52 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 29.4 | <5 | 2145 | 237 |
| | 10:38 | 11:38 | Sunny | 118 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 29.4 | <5 | 2145 | 238 |
| 06-Aug-10 | 08:00 | 09:00 | Sunny | 65 | 332 | 500 | Operation of hydraulic excavator and bentonite filtering plant | 28.4 | <5 | 2145 | 242 |
| | 09:35 | 10:35 | Sunny | 94 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 28.4 | <5 | 2145 | 243 |
| | 10:38 | 11:38 | Sunny | 83 | 332 | 500 | Operation of hydraulic excavator and bentonite filtering plant | 28.4 | <5 | 2145 | 244 |
| 12-Aug-10 | 08:00 | 09:00 | Sunny | 181 | 332 | 500 | Operation of hydraulic excavator and bentonite filtering plant | 29.3 | <5 | 2145 | 250 |
| | 16:15 | 17:15 | Fine | 41 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 29.3 | <5 | 2145 | 251 |
| | 17:30 | 18:30 | Fine | 75 | 332 | 500 | Operation of hydraulic excavator and bentonite filtering plant | 29.3 | <5 | 2145 | 252 |
| 18-Aug-10 | 08:00 | 09:00 | Fine | 141 | 332 | 500 | Operation of hydraulic excavator and bentonite filtering plant | 28.6 | <5 | 2145 | 257 |
| | 13:50 | 14:50 | Fine | 47 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 28.6 | <5 | 2145 | 258 |
| | 17:30 | 18:30 | Fine | 19 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 28.6 | <5 | 2145 | 259 |
| 24-Aug-10 | 08:00 | 09:00 | Sunny | 90 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 26.5 | <5 | 2145 | 264 |
| | 09:40 | 10:40 | Sunny | 63 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 26.5 | <5 | 2145 | 265 |
| | 10:50 | 11:50 | Sunny | 65 | 332 | 500 | Operation of mobile crane, hydraulic excavator and bentonite filtering plant | 28.6 | <5 | 2145 | 266 |
| 30-Aug-10 | 09:50 | 10:50 | Sunny | 217 | 331.9 | 500 | Operation of hydraulic excavator and bentonite filtering plant | 29.7 | <5 | 2145 | 272 |
| | 10:53 | 11:53 | Sunny | 228 | 331.9 | 500 | Operation of mobile crane and bentonite filtering plant | 29.7 | <5 | 2145 | 273 |
| | 13:00 | 14:00 | Sunny | 188 | 331.9 | 500 | Operation of mobile crane and bentonite filtering plant | 29.7 | <5 | 2145 | 274 |
| | | | | Min. | 19 | | | | | | |
| | | | | Max. | 228 | | | | | | |
| | | | | Average | 109 | | | | | | |

* Please refer to the Wind Speed data in the EM&A Report