

## 1-hour TSP Monitoring Results

Station CM\_AB1a, The Hong Kong Ice and Cold Storage (Aberdeen)

| Date      | Start Time | Finish Time | Weather | TSP Concentration ( $\mu\text{g}/\text{m}^3$ ) | Action Level ( $\mu\text{g}/\text{m}^3$ ) | Limit Level ( $\mu\text{g}/\text{m}^3$ ) | Site Conditions / Observations / Remarks           | Temperature ( $^{\circ}\text{C}$ ) | Wind Speed (m/s) | Sampler ID | Filter ID |
|-----------|------------|-------------|---------|--|---|--|--|------------------------------------|------------------|------------|-----------|
| 03-Jan-12 | 13:05      | 14:05       | Cloudy  | 240.5  | 282.5                                     | 500                                      | Loading  | 17                                 | <5               | LD-3B-001  | N/A       |
| 03-Jan-12 | 14:05      | 15:05       | Cloudy  | 273.5  | 282.5                                     | 500                                      | Loading  | 17                                 | <5               | LD-3B-001  | N/A       |
| 03-Jan-12 | 15:05      | 16:05       | Cloudy  | 271.3  | 282.5                                     | 500                                      | Loading  | 17                                 | <5               | LD-3B-001  | N/A       |
| 09-Jan-12 | 09:10      | 10:10       | Cloudy  | 201.0  | 282.5                                     | 500                                      | Driling  | 15.8                               | <5               | LD-3B-001  | N/A       |
| 09-Jan-12 | 10:10      | 11:10       | Cloudy  | 188.9  | 282.5                                     | 500                                      | Driling  | 15.8                               | <5               | LD-3B-001  | N/A       |
| 09-Jan-12 | 11:10      | 12:10       | Cloudy  | 185.6  | 282.5                                     | 500                                      | Driling  | 15.8                               | <5               | LD-3B-001  | N/A       |
| 13-Jan-12 | 13:00      | 14:00       | Cloudy  | 176.8  | 282.5                                     | 500                                      | Preparing blasting materials                       | 15.9                               | <5               | LD-3B-001  | N/A       |
| 13-Jan-12 | 14:00      | 15:00       | Cloudy  | 187.8  | 282.5                                     | 500                                      | Preparing blasting materials                       | 15.9                               | <5               | LD-3B-001  | N/A       |
| 13-Jan-12 | 15:00      | 16:00       | Cloudy  | 241.6  | 282.5                                     | 500                                      | Preparing blasting materials                       | 15.9                               | <5               | LD-3B-001  | N/A       |
| 19-Jan-12 | 09:09      | 10:09       | Cloudy  | 134.0  | 282.5                                     | 500                                      | Operation of dump track,excavator and mobile crane | 19.4                               | <5               | LD-3B-001  | N/A       |
| 19-Jan-12 | 10:09      | 11:09       | Cloudy  | 107.6  | 282.5                                     | 500                                      | Operation of dump track,excavator and mobile crane | 19.4                               | <5               | LD-3B-001  | N/A       |
| 19-Jan-12 | 11:09      | 12:09       | Cloudy  | 106.5  | 282.5                                     | 500                                      | Operation of dump track,excavator and mobile crane | 19.4                               | <5               | LD-3B-001  | N/A       |
| 26-Jan-12 | 13:00      | 14:00       | Cloudy  | 185.6  | 282.5                                     | 500                                      | Welding and maintenance                            | 11.2                               | <5               | LD-3B-001  | N/A       |
| 26-Jan-12 | 14:00      | 15:00       | Cloudy  | 193.3  | 282.5                                     | 500                                      | Welding and maintenance                            | 11.2                               | <5               | LD-3B-001  | N/A       |
| 26-Jan-12 | 15:00      | 16:00       | Cloudy  | 216.4  | 282.5                                     | 500                                      | Welding and maintenance                            | 11.2                               | <5               | LD-3B-001  | N/A       |
| 31-Jan-12 | 09:08      | 10:08       | Cloudy  | 121.9  | 282.5                                     | 500                                      | operation of excavator                             | 15.1                               | <5               | LD-3B-001  | N/A       |
| 31-Jan-12 | 10:08      | 11:08       | Cloudy  | 104.3  | 282.5                                     | 500                                      | operation of excavator                             | 15.1                               | <5               | LD-3B-001  | N/A       |
| 31-Jan-12 | 11:08      | 12:08       | Cloudy  | 103.2  | 282.5                                     | 500                                      | operation of excavator                             | 15.1                               | <5               | LD-3B-001  | N/A       |
|           |            |             |         | <b>Min.</b>                                    | <b>103</b>                                |  |  |                                    |                  |            |           |
|           |            |             |         | <b>Max.</b>                                    | <b>273</b>                                |  |  |                                    |                  |            |           |
|           |            |             |         | <b>Average</b>                                 | <b>180</b>                                |  |  |                                    |                  |            |           |