## Contract Nos. KDB300 & KDB400 Tunnels, Jordan Road to Nam Cheong Station Overrun

## Air Quality Impact Monitoring Results (24-Hour TSP)

| Location               | Monitoring<br>Date | Weather<br>Conditions | Wind Speed<br>with Direction<br>(m/s) | Temp<br>(oC) | Pressure<br>(mmHg) | Timer-I | Timer-F | Time<br>(mins) | Flow-I<br>(CFM/<br>Inches) | (m3/min) |   | Flow-avg<br>(m3/min) |   | Weight-I<br>(g) | Weight-f<br>(g) | Weight-diff.<br>(g) | 24-hr TSP<br>(mg/m3) | Action/Limit<br>Levels<br>(mg/m3) | Remark |
|------------------------|--------------------|-----------------------|---------------------------------------|--------------|--------------------|---------|---------|----------------|----------------------------|----------|---|----------------------|---|-----------------|-----------------|---------------------|----------------------|-----------------------------------|--------|
| AM4a - RCP at Man      |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   |        |
| Cheong Street          |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   | •      |
|                        |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      | -                                 |        |
|                        |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   |        |
| AM5 - Charming         |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   |        |
| Garden                 |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   |        |
|                        |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   |        |
|                        |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   |        |
| AM6 - Olympic City III |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   |        |
|                        |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   | •      |
|                        |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      |                                   | •      |
|                        |                    |                       |                                       |              |                    |         |         |                |                            |          |   |                      |   |                 |                 |                     |                      | -                                 |        |
|                        |                    |                       |                                       |              |                    |         |         |                | l                          |          | l |                      | l |                 |                 |                     |                      |                                   |        |

#### Contract Nos. KDB300 & KDB400 Tunnels, Jordan Road to Nam Cheong Station Overrun

Air Quality Impact Monitoring Results (1-Hour TSP)

| Location                 | Monitoring<br>Date | Start<br>Time | Weather<br>Conditions | Wind Speed<br>with Direction<br>(m/s) | Temp<br>(oC) | Pressure<br>(mmHg) | Timer-I | Timer-F | Time<br>(mins) | Flow-I<br>(CFM/<br>Inches) | Flow-F<br>(CFM/<br>Inches) | Flow-I<br>(m3/min) | Flow-F<br>(m3/min) | Flow-avg<br>(m3/min) | Volume<br>(m3) | Weight-I<br>(g) | Weight-f<br>(g) | Weight-diff.<br>(g) | 1-hr TSP<br>(mg/m3) | Average<br>1-Hr TSP<br>(mg/m3) | Action/Limit<br>Levels<br>(mg/m3) | Remark |
|--------------------------|--------------------|---------------|-----------------------|---------------------------------------|--------------|--------------------|---------|---------|----------------|----------------------------|----------------------------|--------------------|--------------------|----------------------|----------------|-----------------|-----------------|---------------------|---------------------|--------------------------------|-----------------------------------|--------|
| AM4a - RCP at Man        |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
| Cheong Street            |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                | -                                 |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     | 1                              |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     | ]                              |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
| AM5 - Charming<br>Garden |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          | -                  |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    | -                    |                |                 |                 |                     |                     | _                              | -                                 |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     | 1                              |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
| AM6 - Olympic City III   |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                | -                                 |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     | -  '                           |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |
|                          |                    |               |                       |                                       |              |                    |         |         |                |                            |                            |                    |                    |                      |                |                 |                 |                     |                     |                                |                                   |        |

## Contract Nos. KDB300 & KDB400 Tunnels, Jordan Road to Nam Cheong Station Overrun

# **Construction Noise Impact Monitoring Results**

| Monitoring Locations   | Date | Weather    | Temperature | Wind Speed | Wind Direction | Start Time | End Time | Limit Levels | L <sub>eq</sub> (30min) | L <sub>10</sub> (30min) | L <sub>90</sub> (30min) | Remark |
|------------------------|------|------------|-------------|------------|----------------|------------|----------|--------------|-------------------------|-------------------------|-------------------------|--------|
|                        |      | Conditions | (oC)        | (m/s)      |                |            |          | dB(A)        | dB(A)                   | dB(A)                   | dB(A)                   |        |
| NM4a - RCP at Man      |      |            |             |            |                |            |          |              |                         |                         |                         |        |
| Cheong Street          |      |            |             |            |                |            |          |              |                         |                         |                         |        |
|                        |      |            |             |            |                |            |          | 75           |                         |                         |                         |        |
|                        |      |            |             |            |                |            |          |              |                         |                         |                         |        |
|                        |      |            |             |            |                |            |          |              |                         |                         |                         |        |
| NM5 - Charming         |      |            |             |            |                |            |          | 75           |                         |                         |                         |        |
| Garden                 |      |            |             |            |                |            |          |              |                         |                         |                         |        |
|                        |      |            |             |            |                |            |          |              |                         |                         |                         |        |
|                        |      |            |             |            |                |            |          |              |                         |                         |                         |        |
|                        |      |            |             |            |                |            |          |              |                         |                         |                         |        |
| NM6 - Olympic City III |      |            |             |            |                |            |          |              |                         |                         |                         |        |
|                        |      |            |             |            |                |            |          | 75           |                         |                         |                         |        |
|                        | •    |            |             |            |                |            |          |              |                         |                         |                         | _      |
|                        | •    |            |             |            |                |            |          |              |                         |                         |                         | _      |
|                        | •    |            |             |            |                |            |          |              |                         |                         |                         | _      |