

Appendix 3-8 Cumulative Results for Separated Grids at Different Levels for "Without Project" Scenario in Year 2021

Cumulative Results for Grid [25,30] - Without Project

| PATH Grid | ASR ID | ASR Descriptions | X | Y | Z (m) ^[1] | NO ₂ | | | RSP | | | FSP | | | |
|-----------|--------|--|----------|----------|----------------------|--------------------|---|-------------------|-------------------|--|-------------------|-------------------|--|-------------------|-------------------|
| | | | | | | Max 1-hour Average | 10 th Highest 1-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average |
| | | | | | | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ |
| 25_30 | A017 | Lai King Estate Ming King House | 831029.9 | 823438.3 | 1.5 | 265.68 | 190.3 | 12 | 45.5 | 79.60 | 1 | 43.04 | 59.81 | 1 | 30.63 |
| 25_30 | A018 | Lai King Estate Yat King House | 831099.8 | 823436.2 | 1.5 | 266.80 | 191.0 | 12 | 46.3 | 79.62 | 1 | 43.06 | 59.84 | 1 | 30.65 |
| 25_30 | A019 | HKEAA Lai King Assessment Centre | 831031.0 | 823405.5 | 1.5 | 265.27 | 189.0 | 11 | 44.8 | 79.52 | 1 | 43.00 | 59.73 | 1 | 30.59 |
| 25_30 | A020 | Lai King Restaurant Playground | 831038.6 | 823364.8 | 1.5 | 264.83 | 188.0 | 11 | 43.8 | 79.41 | 1 | 42.94 | 59.63 | 1 | 30.54 |
| 25_30 | A021 | Lai King Restaurant | 831015.9 | 823355.3 | 1.5 | 263.88 | 186.8 | 11 | 43.6 | 79.41 | 1 | 42.93 | 59.63 | 1 | 30.53 |
| 25_30 | A023 | Yuet Lai Court - Lai Hung House (Block D) | 831142.7 | 823291.0 | 1.5 | 266.31 | 192.1 | 13 | 42.2 | 79.44 | 1 | 42.88 | 59.66 | 1 | 30.48 |
| 25_30 | A024 | Yuet Lai Court - Lai Wah House (Block B) | 831146.4 | 823206.1 | 1.5 | 265.20 | 191.2 | 12 | 41.7 | 79.40 | 1 | 42.86 | 59.63 | 1 | 30.46 |
| 25_30 | A025 | Lai King Estate - Yeung King House | 831032.9 | 823143.3 | 1.5 | 264.07 | 187.7 | 12 | 44.0 | 79.53 | 1 | 42.95 | 59.76 | 1 | 30.55 |
| 25_30 | A026 | Lai King Estate - On King House | 831007.1 | 823097.6 | 1.5 | 263.27 | 187.8 | 12 | 43.3 | 79.53 | 1 | 42.92 | 59.76 | 1 | 30.53 |
| 25_30 | A027 | Lai King Estate - Flatted Factories | 830996.8 | 823048.6 | 1.5 | 258.70 | 186.5 | 10 | 41.9 | 79.41 | 1 | 42.85 | 59.65 | 1 | 30.45 |
| 25_30 | A028 | China Holiness College | 831002.4 | 822964.3 | 1.5 | 247.91 | 183.7 | 10 | 40.7 | 79.30 | 1 | 42.79 | 59.55 | 1 | 30.40 |
| 25_30 | A029 | OUHK CITA Learning Centre | 831102.8 | 823086.0 | 1.5 | 263.97 | 187.4 | 12 | 43.4 | 79.49 | 1 | 42.90 | 59.72 | 1 | 30.50 |
| 25_30 | A030 | Lai King Community Hall | 831112.4 | 823014.7 | 1.5 | 262.21 | 187.0 | 11 | 42.2 | 79.43 | 1 | 42.85 | 59.66 | 1 | 30.45 |
| 25_30 | A031 | Asbury Methodist Primary School | 831131.9 | 822963.2 | 1.5 | 250.33 | 186.4 | 11 | 41.6 | 79.37 | 1 | 42.82 | 59.61 | 1 | 30.43 |
| 25_30 | A032 | Mariners' Club | 830866.0 | 822981.9 | 1.5 | 248.15 | 186.2 | 10 | 61.1 | 80.98 | 1 | 43.96 | 60.83 | 1 | 31.48 |
| 25_30 | A033 | Container Terminal 2 Office | 830756.6 | 823064.1 | 1.5 | 243.67 | 183.7 | 9 | 54.2 | 80.01 | 1 | 43.46 | 60.19 | 1 | 31.02 |
| 25_30 | A034 | Container Terminal 2 Workshop | 830761.5 | 823119.6 | 1.5 | 244.54 | 183.7 | 9 | 55.2 | 80.03 | 1 | 43.54 | 60.21 | 1 | 31.09 |
| 25_30 | A035 | Container Terminal 5 Administration Building | 830687.1 | 823361.0 | 16.5 | 243.64 | 183.7 | 10 | 49.4 | 79.57 | 1 | 43.20 | 59.76 | 1 | 30.78 |
| 25_30 | A036 | Container Terminal 5 Godown | 830701.0 | 823494.2 | 16.5 | 243.64 | 184.4 | 10 | 50.4 | 79.68 | 1 | 43.25 | 59.85 | 1 | 30.83 |
| 25_30 | A060 | Cho Yiu Chuen Kai Min Lau | 831240.8 | 823247.2 | 1.5 | 264.57 | 192.0 | 11 | 40.8 | 79.37 | 1 | 42.83 | 59.60 | 1 | 30.44 |
| 25_30 | A061 | Cho Yiu Chuen Kai Hang Lau | 831225.6 | 823116.7 | 1.5 | 262.86 | 190.3 | 12 | 41.0 | 79.36 | 1 | 42.84 | 59.60 | 1 | 30.44 |
| 25_30 | A062 | Cho Yiu Chuen Chung Ling Sheh | 831158.4 | 823053.9 | 1.5 | 263.05 | 190.6 | 12 | 41.3 | 79.37 | 1 | 42.82 | 59.60 | 1 | 30.43 |
| 25_30 | A063 | Lai King Estate - Lok King House (Block 7) | 831044.9 | 823078.7 | 1.5 | 266.57 | 196.7 | 14 | 46.9 | 80.15 | 1 | 43.19 | 60.35 | 1 | 30.77 |
| 25_30 | A066 | Yin Lai Court - Yin Kwong House (Block A) | 831081.0 | 823350.3 | 1.5 | 265.59 | 188.3 | 11 | 44.5 | 79.43 | 1 | 42.96 | 59.65 | 1 | 30.56 |
| 25_30 | A067 | Yin Lai Court - Yin Tak House (Block B) | 831076.0 | 823318.2 | 1.5 | 265.30 | 187.9 | 11 | 44.3 | 79.42 | 1 | 42.95 | 59.65 | 1 | 30.55 |
| 25_30 | A070 | Lai King Sports Centre | 831181.3 | 823410.6 | 1.5 | 267.04 | 189.0 | 12 | 42.1 | 79.47 | 1 | 42.88 | 59.71 | 1 | 30.49 |
| 25_30 | A017 | Lai King Estate Ming King House | 831029.9 | 823438.3 | 5 | 264.86 | 189.3 | 11 | 44.8 | 79.50 | 1 | 42.99 | 59.73 | 1 | 30.59 |
| 25_30 | A018 | Lai King Estate Yat King House | 831099.8 | 823436.2 | 5 | 266.52 | 189.6 | 12 | 45.3 | 79.54 | 1 | 43.01 | 59.77 | 1 | 30.61 |
| 25_30 | A019 | HKEAA Lai King Assessment Centre | 831031.0 | 823405.5 | 5 | 264.64 | 187.9 | 11 | 44.2 | 79.44 | 1 | 42.96 | 59.66 | 1 | 30.56 |
| 25_30 | A021 | Lai King Restaurant | 831015.9 | 823355.3 | 5 | 263.54 | 186.6 | 11 | 43.1 | 79.35 | 1 | 42.90 | 59.57 | 1 | 30.50 |
| 25_30 | A023 | Yuet Lai Court - Lai Hung House (Block D) | 831142.7 | 823291.0 | 5 | 266.18 | 192.3 | 13 | 41.7 | 79.42 | 1 | 42.86 | 59.65 | 1 | 30.46 |
| 25_30 | A024 | Yuet Lai Court - Lai Wah House (Block B) | 831146.4 | 823206.1 | 5 | 265.22 | 191.3 | 12 | 41.4 | 79.40 | 1 | 42.85 | 59.62 | 1 | 30.45 |
| 25_30 | A025 | Lai King Estate - Yeung King House | 831032.9 | 823143.3 | 5 | 263.52 | 187.1 | 12 | 43.2 | 79.46 | 1 | 42.91 | 59.69 | 1 | 30.51 |
| 25_30 | A026 | Lai King Estate - On King House | 831007.1 | 823097.6 | 5 | 262.52 | 186.7 | 11 | 42.6 | 79.44 | 1 | 42.88 | 59.68 | 1 | 30.49 |
| 25_30 | A027 | Lai King Estate - Flatted Factories | 830996.8 | 823048.6 | 5 | 251.82 | 184.9 | 10 | 41.4 | 79.35 | 1 | 42.82 | 59.59 | 1 | 30.43 |
| 25_30 | A028 | China Holiness College | 831002.4 | 822964.3 | 5 | 247.64 | 182.4 | 10 | 40.5 | 79.27 | 1 | 42.78 | 59.51 | 1 | 30.39 |
| 25_30 | A029 | OUHK CITA Learning Centre | 831102.8 | 823086.0 | 5 | 263.50 | 186.9 | 11 | 42.2 | 79.40 | 1 | 42.85 | 59.63 | 1 | 30.46 |
| 25_30 | A030 | Lai King Community Hall | 831112.4 | 823014.7 | 5 | 262.00 | 186.8 | 11 | 41.4 | 79.38 | 1 | 42.82 | 59.62 | 1 | 30.43 |
| 25_30 | A031 | Asbury Methodist Primary School | 831131.9 | 822963.2 | 5 | 250.00 | 186.3 | 11 | 40.9 | 79.34 | 1 | 42.80 | 59.58 | 1 | 30.41 |
| 25_30 | A032 | Mariners' Club | 830866.0 | 822981.9 | 5 | 247.81 | 183.2 | 10 | 58.9 | 80.89 | 1 | 43.82 | 60.75 | 1 | 31.35 |
| 25_30 | A033 | Container Terminal 2 Office | 830756.6 | 823064.1 | 5 | 243.64 | 183.7 | 9 | 53.7 | 79.98 | 1 | 43.43 | 60.16 | 1 | 30.99 |
| 25_30 | A034 | Container Terminal 2 Workshop | 830761.5 | 823119.6 | 5 | 244.12 | 183.7 | 9 | 54.6 | 79.99 | 1 | 43.51 | 60.17 | 1 | 31.06 |
| 25_30 | A035 | Container Terminal 5 Administration Building | 830687.1 | 823361.0 | 20 | 243.64 | 182.7 | 10 | 48.6 | 79.51 | 1 | 43.16 | 59.71 | 1 | 30.74 |
| 25_30 | A036 | Container Terminal 5 Godown | 830701.0 | 823494.2 | 20 | 243.64 | 184.2 | 10 | 49.1 | 79.59 | 1 | 43.19 | 59.76 | 1 | 30.77 |
| 25_30 | A060 | Cho Yiu Chuen Kai Min Lau | 831240.8 | 823247.2 | 5 | 264.47 | 191.6 | 11 | 40.6 | 79.34 | 1 | 42.82 | 59.57 | 1 | 30.43 |
| 25_30 | A061 | Cho Yiu Chuen Kai Hang Lau | 831225.6 | 823116.7 | 5 | 262.74 | 190.3 | 12 | 40.6 | 79.35 | 1 | 42.82 | 59.58 | 1 | 30.43 |
| 25_30 | A062 | Cho Yiu Chuen Chung Ling Sheh | 831158.4 | 823053.9 | 5 | 262.98 | 190.1 | 12 | 40.9 | 79.36 | 1 | 42.81 | 59.59 | 1 | 30.42 |
| 25_30 | A063 | Lai King Estate - Lok King House (Block 7) | 831044.9 | 823078.7 | 5 | 266.38 | 195.5 | 14 | 46.5 | 80.09 | 1 | 43.17 | 60.31 | 1 | 30.75 |
| 25_30 | A066 | Yin Lai Court - Yin Kwong House (Block A) | 831081.0 | 823350.3 | 5 | 265.45 | 187.5 | 11 | 43.7 | 79.38 | 1 | 42.92 | 59.61 | 1 | 30.52 |
| 25_30 | A067 | Yin Lai Court - Yin Tak House (Block B) | 831076.0 | 823318.2 | 5 | 265.16 | 187.5 | 11 | 43.6 | 79.37 | 1 | 42.92 | 59.60 | 1 | 30.52 |

Cumulative Results for Grid [25,30] - Without Project

| PATH Grid | ASR ID | ASR Descriptions | X | Y | Z (m) ⁽¹⁾ | NO ₂ | | | | RSP | | | FSP | | |
|-----------|--------|--|----------|----------|----------------------|-------------------------|---|-------------------|-------------------------|--|-------------------|-------------------------|--|-------------------|-------------------------|
| | | | | | | Max 1-hour Average | 19 th Highest 1-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average |
| | | | | | | <u>µg/m³</u> | <u>µg/m³</u> | No. of Exceedance | <u>µg/m³</u> | <u>µg/m³</u> | No. of Exceedance | <u>µg/m³</u> | <u>µg/m³</u> | No. of Exceedance | <u>µg/m³</u> |
| 25_30 | A017 | Lai King Estate Ming King House | 831029.9 | 823438.3 | 10 | <u>264.08</u> | 186.9 | 11 | <u>43.8</u> | 79.40 | 1 | 42.94 | 59.63 | 1 | 30.54 |
| 25_30 | A018 | Lai King Estate Yat King House | 831099.8 | 823436.2 | 10 | <u>266.22</u> | 188.7 | 12 | <u>43.8</u> | 79.44 | 1 | 42.94 | 59.68 | 1 | 30.54 |
| 25_30 | A019 | HKEAA Lai King Assessment Centre | 831031.0 | 823405.5 | 10 | <u>264.08</u> | 186.7 | 11 | <u>43.2</u> | 79.35 | 1 | 42.91 | 59.58 | 1 | 30.51 |
| 25_30 | A021 | Lai King Restaurant | 831015.9 | 823355.3 | 10 | <u>263.40</u> | 185.8 | 11 | <u>42.3</u> | 79.29 | 1 | 42.86 | 59.52 | 1 | 30.47 |
| 25_30 | A023 | Yuet Lai Court - Lai Hung House (Block D) | 831142.7 | 823291.0 | 10 | <u>265.92</u> | 192.2 | 12 | <u>40.9</u> | 79.39 | 1 | 42.83 | 59.61 | 1 | 30.43 |
| 25_30 | A024 | Yuet Lai Court - Lai Wah House (Block B) | 831146.4 | 823206.1 | 10 | <u>265.13</u> | 191.3 | 12 | <u>40.8</u> | 79.37 | 1 | 42.82 | 59.60 | 1 | 30.43 |
| 25_30 | A025 | Lai King Estate - Yeung King House | 831032.9 | 823143.3 | 10 | <u>262.97</u> | 186.8 | 12 | <u>42.2</u> | 79.36 | 1 | 42.86 | 59.60 | 1 | 30.46 |
| 25_30 | A026 | Lai King Estate - On King House | 831007.1 | 823097.6 | 10 | <u>261.78</u> | 186.5 | 10 | <u>41.7</u> | 79.35 | 1 | 42.83 | 59.59 | 1 | 30.44 |
| 25_30 | A027 | Lai King Estate - Flatted Factories | 830996.8 | 823048.6 | 10 | <u>248.31</u> | 183.6 | 10 | <u>40.8</u> | 79.28 | 1 | 42.79 | 59.53 | 1 | 30.40 |
| 25_30 | A028 | China Holiness College | 831002.4 | 822964.3 | 10 | <u>247.47</u> | 182.3 | 10 | <u>40.3</u> | 79.23 | 1 | 42.77 | 59.48 | 1 | 30.38 |
| 25_30 | A029 | OCHK CITA Learning Centre | 831102.8 | 823086.0 | 10 | <u>263.17</u> | 186.4 | 11 | <u>40.9</u> | 79.32 | 1 | 42.80 | 59.56 | 1 | 30.41 |
| 25_30 | A030 | Lai King Community Hall | 831112.4 | 823014.7 | 10 | <u>261.82</u> | 186.1 | 11 | <u>40.4</u> | 79.32 | 1 | 42.78 | 59.56 | 1 | 30.39 |
| 25_30 | A031 | Asbury Methodist Primary School | 831131.9 | 822963.2 | 10 | <u>249.83</u> | 185.0 | 11 | <u>40.1</u> | 79.30 | 1 | 42.77 | 59.54 | 1 | 30.38 |
| 25_30 | A032 | Mariners' Club | 830866.0 | 822981.9 | 10 | <u>245.17</u> | 181.2 | 10 | <u>55.6</u> | 80.79 | 1 | 43.60 | 60.66 | 1 | 31.14 |
| 25_30 | A033 | Container Terminal 2 Office | 830756.6 | 823064.1 | 10 | <u>243.64</u> | 183.3 | 9 | <u>52.4</u> | 79.89 | 1 | 43.35 | 60.08 | 1 | 30.92 |
| 25_30 | A034 | Container Terminal 2 Workshop | 830761.5 | 823119.6 | 10 | <u>243.64</u> | 183.3 | 9 | <u>53.2</u> | 79.89 | 1 | 43.41 | 60.09 | 1 | 30.98 |
| 25_30 | A035 | Container Terminal 5 Administration Building | 830687.1 | 823361.0 | 25 | <u>243.64</u> | 181.1 | 10 | <u>47.3</u> | 79.43 | 1 | 43.09 | 59.63 | 1 | 30.67 |
| 25_30 | A036 | Container Terminal 5 Godown | 830701.0 | 823494.2 | 25 | <u>243.64</u> | 183.6 | 10 | <u>47.4</u> | 79.46 | 1 | 43.10 | 59.64 | 1 | 30.68 |
| 25_30 | A060 | Cho Yiu Chuen Kai Min Lau | 831240.8 | 823247.2 | 10 | <u>264.29</u> | 191.2 | 11 | <u>40.2</u> | 79.29 | 1 | 42.79 | 59.53 | 1 | 30.40 |
| 25_30 | A061 | Cho Yiu Chuen Kai Hang Lau | 831225.6 | 823116.7 | 10 | <u>262.55</u> | 190.4 | 12 | <u>40.2</u> | 79.31 | 1 | 42.79 | 59.55 | 1 | 30.40 |
| 25_30 | A062 | Cho Yiu Chuen Chung Ling Sheh | 831158.4 | 823053.9 | 10 | <u>262.81</u> | 188.4 | 12 | <u>40.3</u> | 79.34 | 1 | 42.79 | 59.57 | 1 | 30.40 |
| 25_30 | A063 | Lai King Estate - Lok King House (Block 7) | 831044.9 | 823078.7 | 10 | <u>265.83</u> | 193.8 | 14 | <u>45.4</u> | 79.91 | 1 | 43.10 | 60.16 | 1 | 30.68 |
| 25_30 | A066 | Yin Lai Court - Yin Kwong House (Block A) | 831081.0 | 823350.3 | 10 | <u>265.39</u> | 187.0 | 11 | <u>42.6</u> | 79.31 | 1 | 42.87 | 59.55 | 1 | 30.48 |
| 25_30 | A067 | Yin Lai Court - Yin Tak House (Block B) | 831076.0 | 823318.2 | 10 | <u>265.10</u> | 187.0 | 11 | <u>42.4</u> | 79.31 | 1 | 42.87 | 59.54 | 1 | 30.47 |

Note:

1. The heights Z are 1.5m, 5m and 10m above ground, except some heights of ASRs which are podium or in higher terrain such as buildings in hilly region have been adjusted.

2. AQO requirements:

| | | |
|---------------------|--------------------------------------|---------------|
| NO2 1-hour average | 200 µg/m ³ with less than | 19 exceedance |
| NO2 Annual average | 40 µg/m ³ | |
| RSP 24-hour average | 100 µg/m ³ with less than | 10 exceedance |
| RSP Annual average | 50 µg/m ³ | |
| FSP 24-hour average | 75 µg/m ³ with less than | 10 exceedance |
| FSP Annual average | 35 µg/m ³ | |

3. Underlined means the pollutant concentration has exceeded the AQO limit.

Appendix 3-8 Cumulative Results for Separated Grids at Different Levels for "Without Project" Scenario in Year 2021

Cumulative Results for Grid [25,31] - Without Project

| PATH Grid | ASR ID | ASR Descriptions | X | Y | Z (m) ¹¹ | NO ₂ | | | RSP | | | FSP | | | |
|-----------|--------|---|-----------|----------|---------------------|--------------------|---|-------------------|-------------------|--|-------------------|-------------------|--|-------------------|-------------------|
| | | | | | | Max 1-hour Average | 19 th Highest 1-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average |
| | | | | | | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ |
| 25_31 | A001 | Kwai Tsing Theatre | 831041.6 | 824134.6 | 1.5 | <u>265.15</u> | 191.10 | 13 | <u>40.79</u> | 76.03 | 0 | 41.34 | 57.09 | 0 | 29.46 |
| 25_31 | A003 | Kwai Tsing District Police Headquarters & Divisional Police Station | 831350.0 | 824183.2 | 1.5 | <u>269.67</u> | 188.69 | 13 | 39.62 | 75.94 | 0 | 41.19 | 57.08 | 0 | 29.33 |
| | | Proposed Residential (Group E) 1 Development at Ex-Kwai Chung Police Married Quarters at Kwai Yi Road | | | | <u>267.86</u> | 187.59 | 13 | <u>46.44</u> | 76.25 | 0 | 41.47 | 57.35 | 0 | 29.59 |
| 25_31 | A004 | Road | 831363.5 | 824097.8 | 1.5 | | | | | | | | | | |
| 25_31 | A005 | Kwai Fong Terrace Block 2 | 831290.7 | 824014.5 | 16.4 | <u>265.39</u> | 187.83 | 13 | 37.30 | 75.79 | 0 | 41.10 | 56.94 | 0 | 29.25 |
| 25_31 | A006 | Kwai Yi Road Playground & Sports Ground | 831262.6 | 823970.9 | 1.5 | <u>265.19</u> | 190.05 | 13 | <u>49.68</u> | 76.38 | 0 | 41.68 | 57.35 | 0 | 29.78 |
| 25_31 | A007 | Tin Hau Temple | 831371.1 | 824034.2 | 1.5 | <u>274.64</u> | 196.65 | 16 | <u>42.67</u> | 76.41 | 0 | 41.50 | 57.37 | 0 | 29.62 |
| 25_31 | A011 | Lingnam Dr. Chung Wing Kwong Memorial Secondary School | 831160.7 | 823770.7 | 1.5 | <u>267.33</u> | 197.33 | 14 | <u>43.33</u> | 76.39 | 0 | 41.46 | 57.35 | 0 | 29.58 |
| 25_31 | A012 | Lai King Catholic Secondary School | 831130.4 | 823751.5 | 1.5 | <u>268.63</u> | 198.17 | 16 | <u>44.35</u> | 76.46 | 0 | 41.56 | 57.42 | 0 | 29.68 |
| | | Ho Kwai Chung Polyclinic & Special Education Services Centre | | | | <u>268.26</u> | 197.05 | 15 | <u>42.03</u> | 76.34 | 0 | 41.42 | 57.31 | 0 | 29.54 |
| 25_31 | A013 | Lai King Hill Road North Sitting-out Area | 8311224.3 | 823707.5 | 1.5 | | | | | | | | | | |
| 25_31 | A014 | Lai King Estate Wo King House | 831178.6 | 823604.5 | 1.5 | <u>264.44</u> | 193.93 | 14 | <u>43.55</u> | 76.49 | 0 | 41.35 | 57.46 | 0 | 29.48 |
| 25_31 | A015 | Lai King Estate Fung King House | 831121.4 | 823592.1 | 1.5 | <u>265.02</u> | 194.61 | 14 | <u>41.86</u> | 76.25 | 0 | 41.35 | 57.27 | 0 | 29.48 |
| 25_31 | A016 | Lai King Estate Fung King House | 831067.5 | 823562.2 | 1.5 | <u>265.58</u> | 193.69 | 13 | <u>40.98</u> | 76.25 | 0 | 41.37 | 57.23 | 0 | 29.50 |
| 25_31 | A037 | Container Terminal 5 Office | 830624.1 | 823623.6 | 1.5 | <u>243.10</u> | 189.07 | 13 | <u>50.46</u> | 77.00 | 0 | 41.70 | 57.87 | 0 | 29.80 |
| 25_31 | A038 | Fedlity Godown | 830714.3 | 823729.0 | 1.5 | <u>262.87</u> | 187.37 | 13 | <u>47.69</u> | 76.55 | 0 | 41.61 | 57.50 | 0 | 29.72 |
| 25_31 | A039 | Kerry (Kwai Chung) Godown | 830766.8 | 823705.1 | 1.5 | <u>262.98</u> | 188.43 | 13 | <u>48.75</u> | 76.58 | 0 | 41.67 | 57.53 | 0 | 29.78 |
| 25_31 | A040 | Cargo Consolidation Complex | 830794.1 | 823681.4 | 21.3 | <u>244.80</u> | 181.74 | 13 | 39.69 | 76.02 | 0 | 41.18 | 57.15 | 0 | 29.33 |
| 25_31 | A041 | Ever Gain Plaxa Tower 1 | 830872.8 | 823701.0 | 47.9 | <u>240.64</u> | 180.15 | 12 | 33.28 | 75.59 | 0 | 40.89 | 56.75 | 0 | 29.06 |
| 25_31 | A042 | Ever Gain Plaxa Tower 2 | 830904.7 | 823798.4 | 47.9 | <u>250.44</u> | 179.95 | 12 | 33.18 | 75.43 | 0 | 40.89 | 56.61 | 0 | 29.06 |
| 25_31 | A043 | Kwai Shun Industrial Centre North Tower | 830863.1 | 823846.0 | 1.5 | <u>261.15</u> | 186.79 | 13 | <u>53.23</u> | 76.86 | 0 | 41.87 | 57.78 | 0 | 29.96 |
| 25_31 | A044 | Golden Industrial Building | 830819.5 | 823864.2 | 1.5 | <u>261.27</u> | 185.66 | 12 | <u>48.99</u> | 76.65 | 0 | 41.61 | 57.60 | 0 | 29.72 |
| 25_31 | A045 | Kwai Shun Street Cooked Food Market | 830839.2 | 823900.8 | 1.5 | <u>261.20</u> | 185.79 | 12 | <u>49.19</u> | 76.62 | 0 | 41.64 | 57.56 | 0 | 29.74 |
| 25_31 | A046 | Kwai Shun Street Playground | 830821.6 | 823933.5 | 1.5 | <u>260.73</u> | 185.69 | 13 | <u>48.74</u> | 76.59 | 0 | 41.62 | 57.53 | 0 | 29.73 |
| 25_31 | A047 | Kwai Tak Industrial Building Block 2 | 830787.8 | 823924.4 | 1.5 | <u>257.32</u> | 185.34 | 12 | <u>48.78</u> | 76.66 | 0 | 41.60 | 57.60 | 0 | 29.71 |
| 25_31 | A048 | Profit Industrial Building | 830871.9 | 823970.7 | 1.5 | <u>265.91</u> | 196.63 | 16 | <u>44.77</u> | 76.24 | 0 | 41.64 | 57.22 | 0 | 29.74 |
| 25_31 | A049 | Join-in Hang Sing Centre | 830959.1 | 823952.6 | 1.5 | <u>266.39</u> | 196.57 | 15 | <u>47.03</u> | 76.31 | 0 | 41.73 | 57.28 | 0 | 29.83 |
| 25_31 | A050 | Petrol Station Office at Container Port Road | 830985.3 | 823920.0 | 1.5 | <u>267.97</u> | 197.40 | 14 | <u>44.13</u> | 76.35 | 0 | 41.57 | 57.31 | 0 | 29.68 |
| 25_31 | A051 | Marvel Industrial Building Block B | 830815.4 | 824045.5 | 5.5 | <u>267.18</u> | 197.64 | 14 | <u>44.77</u> | 76.28 | 0 | 41.63 | 57.25 | 0 | 29.74 |
| 25_31 | A052 | Wing Hang Industrial Building | 830774.6 | 824161.2 | 7.5 | <u>261.35</u> | 186.68 | 13 | <u>42.60</u> | 76.03 | 0 | 41.42 | 57.15 | 0 | 29.54 |
| 25_31 | A053 | Kwai Shing Swimming Pool | 830744.3 | 824375.0 | 1.5 | <u>261.68</u> | 177.21 | 12 | 37.57 | 75.68 | 0 | 41.18 | 56.84 | 0 | 29.33 |
| 25_31 | A054 | Hing Shing Road Basketball Court | 830810.9 | 824336.1 | 1.5 | <u>262.74</u> | 184.86 | 13 | 38.76 | 75.90 | 0 | 41.29 | 57.04 | 0 | 29.43 |
| 25_31 | A055 | Kwai Chung Sports Ground | 830939.9 | 824258.1 | 1.5 | <u>262.81</u> | 187.39 | 13 | <u>45.03</u> | 76.13 | 0 | 41.56 | 57.11 | 0 | 29.67 |
| 25_31 | A056 | Kwai Chung Plaza Block 1 | 831136.3 | 824345.1 | 1.5 | <u>265.66</u> | 189.35 | 13 | 38.31 | 75.95 | 0 | 41.20 | 57.08 | 0 | 29.34 |
| 25_31 | A057 | New Kwai Fong Gardens Block A | 831183.9 | 824086.6 | 1.5 | <u>270.83</u> | 191.77 | 13 | <u>41.88</u> | 76.15 | 0 | 41.43 | 57.14 | 0 | 29.55 |
| 25_31 | A058 | Hisbiscus Park Block 2 | 830902.8 | 824410.2 | 5.1 | <u>260.71</u> | 178.13 | 12 | 35.18 | 75.50 | 0 | 41.02 | 56.67 | 0 | 29.18 |
| 25_31 | A064 | Wing Hong Factory Building | 830882.5 | 824034.6 | 1.5 | <u>265.66</u> | 194.66 | 14 | <u>43.79</u> | 76.23 | 0 | 41.54 | 57.21 | 0 | 29.64 |
| 25_31 | A065 | Metroplaza Tower 2 | 831049.0 | 824241.6 | 1.5 | <u>264.44</u> | 187.59 | 13 | 38.89 | 75.93 | 0 | 41.20 | 57.06 | 0 | 29.34 |
| 25_31 | A068 | Wah Fung Industrial Centre | 830931.7 | 824126.4 | 6.5 | <u>264.20</u> | 188.61 | 13 | <u>41.83</u> | 76.11 | 0 | 41.33 | 57.21 | 0 | 29.46 |
| 25_31 | A069 | Fook Yip Building | 831019.3 | 824035.8 | 1.8 | <u>264.91</u> | 190.65 | 13 | <u>46.17</u> | 76.34 | 0 | 41.55 | 57.31 | 0 | 29.66 |

Cumulative Results for Grid [25,31] - Without Project

| PATH Grid | ASR ID | ASR Descriptions | X | Y | Z (m) ^[1] | NO ₂ | | | | RSP | | | FSP | | |
|-----------|--------|---|----------|----------|----------------------|--------------------|---|-------------------|-------------------|--|-------------------|-------------------|--|-------------------|-------------------|
| | | | | | | Max 1-hour Average | 19 th Highest 1-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average |
| | | | | | | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ |
| 25_31 | A001 | Kwai Tsing Theatre | 831041.6 | 824134.6 | 5 | <u>264.67</u> | 190.59 | 13 | <u>40.17</u> | 75.98 | 0 | 41.29 | 57.09 | 0 | 29.42 |
| 25_31 | A003 | Kwai Tsing District Police Headquarters & Divisional Police Station | 831350.0 | 824183.2 | 5 | <u>269.60</u> | 188.10 | 13 | <u>39.07</u> | 75.90 | 0 | 41.16 | 57.05 | 0 | 29.31 |
| | | Proposed Residential (Group E) 1 Development at Ex-Kwai Chung Police Married Quarters at Kwai Yi Road | | | 5 | <u>267.88</u> | 187.52 | 13 | <u>43.14</u> | 76.09 | 0 | 41.34 | 57.22 | 0 | 29.47 |
| 25_31 | A004 | | 831363.5 | 824097.8 | 5 | | | | | | | | | | |
| 25_31 | A005 | Kwai Fong Terrace Block 2 | 831290.7 | 824014.5 | 19.9 | <u>265.36</u> | 184.43 | 13 | <u>36.25</u> | 75.73 | 0 | 41.05 | 56.88 | 0 | 29.21 |
| 25_31 | A007 | Tin Hau Temple | 831371.1 | 824034.2 | 5 | <u>271.56</u> | 192.25 | 14 | <u>39.93</u> | 76.27 | 0 | 41.30 | 57.24 | 0 | 29.44 |
| | | Lingnam Dr. Chung Wing Kwong Memorial Secondary School | 831160.7 | 823770.7 | 5 | <u>267.00</u> | 196.80 | 14 | <u>42.75</u> | 76.37 | 0 | 41.42 | 57.33 | 0 | 29.55 |
| 25_31 | A011 | | 831160.7 | 823770.7 | 5 | | | | | | | | | | |
| 25_31 | A012 | Lai King Catholic Secondary School | 831130.4 | 823751.5 | 5 | <u>268.06</u> | 197.21 | 14 | <u>43.55</u> | 76.42 | 0 | 41.50 | 57.38 | 0 | 29.62 |
| | | Ho Kwai Chung Polyclinic & Special Education Services Centre | 831224.3 | 823707.5 | 5 | <u>264.87</u> | 192.93 | 13 | <u>38.93</u> | 76.17 | 0 | 41.19 | 57.22 | 0 | 29.34 |
| 25_31 | A013 | | 831224.3 | 823707.5 | 5 | | | | | | | | | | |
| 25_31 | A015 | Lai King Estate Wo King House | 831121.4 | 823592.1 | 5 | <u>264.19</u> | 193.85 | 14 | <u>40.78</u> | 76.15 | 0 | 41.28 | 57.25 | 0 | 29.42 |
| 25_31 | A016 | Lai King Estate Fung King House | 831067.5 | 823562.2 | 5 | <u>263.68</u> | 188.81 | 13 | <u>39.85</u> | 76.23 | 0 | 41.27 | 57.21 | 0 | 29.41 |
| 25_31 | A037 | Container Terminal 5 Office | 830624.1 | 823623.6 | 5 | <u>241.43</u> | 188.41 | 13 | <u>47.92</u> | 76.86 | 0 | 41.57 | 57.74 | 0 | 29.69 |
| 25_31 | A038 | Fidelity Godown | 830714.3 | 823729.0 | 5 | <u>262.61</u> | 187.26 | 13 | <u>45.69</u> | 76.42 | 0 | 41.51 | 57.41 | 0 | 29.63 |
| 25_31 | A039 | Kerry (Kwai Chung) Godown | 830766.8 | 823705.1 | 5 | <u>262.69</u> | 187.28 | 13 | <u>46.91</u> | 76.51 | 0 | 41.57 | 57.46 | 0 | 29.69 |
| 25_31 | A040 | Cargo Consolidation Complex | 830794.1 | 823681.4 | 24.8 | <u>244.32</u> | 181.29 | 12 | <u>38.31</u> | 75.92 | 0 | 41.11 | 57.06 | 0 | 29.26 |
| 25_31 | A041 | Ever Gain Plaxa Tower 1 | 830872.8 | 823701.0 | 51.4 | <u>240.78</u> | 180.35 | 12 | <u>33.09</u> | 75.59 | 0 | 40.89 | 56.76 | 0 | 29.06 |
| 25_31 | A042 | Ever Gain Plaxa Tower 2 | 830904.7 | 823798.4 | 51.4 | <u>252.35</u> | 180.21 | 12 | <u>33.01</u> | 75.44 | 0 | 40.89 | 56.62 | 0 | 29.06 |
| 25_31 | A043 | Kwai Shun Industrial Centre North Tower | 830863.1 | 823846.0 | 5 | <u>261.10</u> | 185.40 | 12 | <u>49.77</u> | 76.65 | 0 | 41.67 | 57.65 | 0 | 29.78 |
| 25_31 | A044 | Golden Industrial Building | 830819.5 | 823864.2 | 5 | <u>261.16</u> | 184.75 | 12 | <u>47.24</u> | 76.50 | 0 | 41.52 | 57.52 | 0 | 29.64 |
| 25_31 | A045 | Kwai Shun Street Cooked Food Market | 830839.2 | 823900.8 | 5 | <u>261.04</u> | 185.55 | 12 | <u>49.49</u> | 76.66 | 0 | 41.63 | 57.60 | 0 | 29.74 |
| 25_31 | A047 | Kwai Tak Industrial Building Block 2 | 830787.8 | 823924.4 | 5 | <u>255.99</u> | 184.19 | 12 | <u>47.50</u> | 76.57 | 0 | 41.52 | 57.56 | 0 | 29.64 |
| 25_31 | A048 | Profit Industrial Building | 830871.9 | 823970.7 | 5 | <u>266.75</u> | 196.21 | 16 | <u>45.28</u> | 76.22 | 0 | 41.70 | 57.20 | 0 | 29.80 |
| 25_31 | A049 | Join-in Hang Sing Centre | 830959.1 | 823952.6 | 5 | <u>265.57</u> | 195.64 | 13 | <u>44.95</u> | 76.28 | 0 | 41.58 | 57.25 | 0 | 29.68 |
| 25_31 | A050 | Petrol Station Office at Container Port Road | 830985.3 | 823920.0 | 5 | <u>267.56</u> | 196.54 | 14 | <u>43.48</u> | 76.31 | 0 | 41.52 | 57.28 | 0 | 29.63 |
| 25_31 | A051 | Marvel Industrial Building Block B | 830815.4 | 824045.5 | 9 | <u>265.41</u> | 194.56 | 14 | <u>43.12</u> | 76.25 | 0 | 41.50 | 57.22 | 0 | 29.62 |
| 25_31 | A052 | Wing Hang Industrial Building | 830774.6 | 824161.2 | 11 | <u>260.73</u> | 186.10 | 13 | <u>40.80</u> | 75.90 | 0 | 41.31 | 57.05 | 0 | 29.44 |
| 25_31 | A053 | Kwai Shing Swimming Pool | 830744.3 | 824375.0 | 5 | <u>261.27</u> | 177.21 | 12 | <u>36.98</u> | 75.64 | 0 | 41.14 | 56.80 | 0 | 29.29 |
| 25_31 | A056 | Kwai Chung Plaza Block 1 | 831136.3 | 824345.1 | 5 | <u>265.00</u> | 187.76 | 13 | <u>37.17</u> | 75.81 | 0 | 41.12 | 56.96 | 0 | 29.27 |
| 25_31 | A057 | New Kwai Fong Gardens Block A | 831183.9 | 824086.6 | 5 | <u>269.81</u> | 189.56 | 13 | <u>40.45</u> | 76.10 | 0 | 41.29 | 57.13 | 0 | 29.43 |
| 25_31 | A058 | Hisbiscus Park Block 2 | 830902.8 | 824410.2 | 8.6 | <u>259.43</u> | 178.13 | 12 | <u>34.98</u> | 75.48 | 0 | 41.01 | 56.66 | 0 | 29.17 |
| 25_31 | A064 | Wing Hong Factory Building | 830882.5 | 824034.6 | 5 | <u>264.65</u> | 194.55 | 13 | <u>42.91</u> | 76.21 | 0 | 41.46 | 57.20 | 0 | 29.57 |
| 25_31 | A065 | Metroplaza Tower 2 | 831049.0 | 824241.6 | 5 | <u>264.32</u> | 187.36 | 13 | <u>38.57</u> | 75.90 | 0 | 41.18 | 57.03 | 0 | 29.32 |
| 25_31 | A068 | Wah Fung Industrial Centre | 830931.7 | 824126.4 | 10 | <u>263.71</u> | 188.12 | 13 | <u>40.28</u> | 75.98 | 0 | 41.25 | 57.11 | 0 | 29.39 |
| 25_31 | A069 | Fook Yip Building | 831019.3 | 824035.8 | 5.3 | <u>264.10</u> | 189.37 | 13 | <u>43.83</u> | 76.18 | 0 | 41.41 | 57.25 | 0 | 29.53 |

Cumulative Results for Grid [25,31] - Without Project

| PATH Grid | ASR ID | ASR Descriptions | X | Y | Z (m) ^[1] | NO ₂ | | | RSP | | | FSP | | | |
|-----------|--------|---|----------|----------|----------------------|--------------------|---|-------------------|-------------------|--|-------------------|-------------------|--|-------------------|-------------------|
| | | | | | | Max 1-hour Average | 19 th Highest 1-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average |
| | | | | | | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ |
| 25_31 | A001 | Kwai Tsing Theatre | 831041.6 | 824134.6 | 10 | <u>263.61</u> | 189.16 | 13 | 38.78 | 75.87 | 0 | 41.19 | 57.01 | 0 | 29.33 |
| 25_31 | A003 | Kwai Tsing District Police Headquarters & Divisional Police Station | 831350.0 | 824183.2 | 10 | <u>269.42</u> | 185.44 | 13 | 37.66 | 75.81 | 0 | 41.10 | 56.96 | 0 | 29.26 |
| | | Proposed Residential (Group E) 1 Development at Ex-Kwai Chung Police Married Quarters at Kwai Yi Road | 831363.5 | 824097.8 | | <u>267.93</u> | 187.29 | 13 | 39.08 | 75.89 | 0 | 41.18 | 57.04 | 0 | 29.32 |
| 25_31 | A004 | Kwai Fong Terrace Block 2 | 831290.7 | 824014.5 | 24.9 | <u>265.36</u> | 180.62 | 13 | 35.15 | 75.66 | 0 | 41.00 | 56.82 | 0 | 29.16 |
| 25_31 | A007 | Tin Hau Temple | 831371.1 | 824034.2 | 10 | <u>268.52</u> | 187.94 | 13 | 37.54 | 75.97 | 0 | 41.15 | 57.11 | 0 | 29.30 |
| 25_31 | A011 | Lingnam Dr. Chung Wing Kwong Memorial Secondary School | 831160.7 | 823770.7 | 10 | <u>266.04</u> | 195.55 | 13 | <u>41.21</u> | 76.23 | 0 | 41.33 | 57.28 | 0 | 29.47 |
| 25_31 | A012 | Lai King Catholic Secondary School | 831130.4 | 823751.5 | 10 | <u>266.58</u> | 195.55 | 14 | <u>41.85</u> | 76.33 | 0 | 41.39 | 57.30 | 0 | 29.52 |
| | | Ho Kwai Chung Polyclinic & Special Education Services Centre | 831224.3 | 823707.5 | 10 | <u>262.82</u> | 187.55 | 13 | 36.49 | 75.90 | 0 | 41.06 | 57.04 | 0 | 29.21 |
| 25_31 | A013 | Lai King Estate Wo King House | 831121.4 | 823592.1 | 10 | <u>262.94</u> | 187.95 | 13 | 38.76 | 76.00 | 0 | 41.17 | 57.13 | 0 | 29.32 |
| 25_31 | A015 | Lai King Estate Fung King House | 831067.5 | 823562.2 | 10 | <u>261.69</u> | 186.98 | 13 | 38.21 | 76.01 | 0 | 41.16 | 57.12 | 0 | 29.31 |
| 25_31 | A016 | Container Terminal 5 Office | 830624.1 | 823623.6 | 10 | <u>239.73</u> | 183.51 | 12 | <u>46.73</u> | 76.70 | 0 | 41.51 | 57.73 | 0 | 29.63 |
| 25_31 | A037 | Fidelity Godown | 830714.3 | 823729.0 | 10 | <u>261.91</u> | 186.91 | 13 | <u>44.07</u> | 76.29 | 0 | 41.41 | 57.37 | 0 | 29.54 |
| 25_31 | A039 | Kerry (Kwai Chung) Godown | 830766.8 | 823705.1 | 10 | <u>261.98</u> | 186.69 | 13 | <u>44.91</u> | 76.37 | 0 | 41.46 | 57.41 | 0 | 29.58 |
| 25_31 | A040 | Cargo Consolidation Complex | 830794.1 | 823681.4 | 29.8 | <u>243.76</u> | 180.84 | 12 | 36.67 | 75.80 | 0 | 41.03 | 56.95 | 0 | 29.19 |
| 25_31 | A041 | Ever Gain Plaxa Tower 1 | 830872.8 | 823701.0 | 56.4 | <u>246.04</u> | 181.04 | 12 | 33.02 | 75.63 | 0 | 40.89 | 56.79 | 0 | 29.06 |
| 25_31 | A042 | Ever Gain Plaxa Tower 2 | 830904.7 | 823798.4 | 56.4 | <u>256.37</u> | 180.81 | 12 | 32.94 | 75.48 | 0 | 40.89 | 56.66 | 0 | 29.06 |
| 25_31 | A043 | Kwai Shun Industrial Centre North Tower | 830863.1 | 823846.0 | 10 | <u>260.96</u> | 183.61 | 12 | <u>46.30</u> | 76.36 | 0 | 41.48 | 57.47 | 0 | 29.61 |
| 25_31 | A044 | Golden Industrial Building | 830819.5 | 823864.2 | 10 | <u>260.89</u> | 183.60 | 12 | <u>45.17</u> | 76.31 | 0 | 41.42 | 57.42 | 0 | 29.55 |
| 25_31 | A045 | Kwai Shun Street Cooked Food Market | 830839.2 | 823900.8 | 10 | <u>260.58</u> | 184.16 | 12 | <u>47.10</u> | 76.48 | 0 | 41.51 | 57.51 | 0 | 29.63 |
| 25_31 | A047 | Kwai Tak Industrial Building Block 2 | 830787.8 | 823924.4 | 10 | <u>253.88</u> | 182.93 | 12 | <u>45.92</u> | 76.37 | 0 | 41.42 | 57.46 | 0 | 29.54 |
| 25_31 | A048 | Profit Industrial Building | 830871.9 | 823970.7 | 10 | <u>265.39</u> | 194.66 | 15 | <u>43.50</u> | 76.18 | 0 | 41.56 | 57.16 | 0 | 29.66 |
| 25_31 | A049 | Join-in Hang Sing Centre | 830959.1 | 823952.6 | 10 | <u>264.95</u> | 189.92 | 13 | <u>42.44</u> | 76.08 | 0 | 41.41 | 57.20 | 0 | 29.53 |
| 25_31 | A050 | Petrol Station Office at Container Port Road | 830985.3 | 823920.0 | 10 | <u>266.49</u> | 191.42 | 13 | <u>41.98</u> | 76.15 | 0 | 41.40 | 57.22 | 0 | 29.53 |
| 25_31 | A051 | Marvel Industrial Building Block B | 830815.4 | 824045.5 | 14 | <u>262.97</u> | 187.83 | 13 | <u>40.37</u> | 76.03 | 0 | 41.30 | 57.15 | 0 | 29.43 |
| 25_31 | A052 | Wing Hang Industrial Building | 830774.6 | 824161.2 | 16 | <u>248.53</u> | 185.23 | 13 | 38.41 | 75.74 | 0 | 41.17 | 56.89 | 0 | 29.32 |
| 25_31 | A053 | Kwai Shing Swimming Pool | 830744.3 | 824375.0 | 10 | <u>257.90</u> | 177.21 | 12 | 35.86 | 75.55 | 0 | 41.06 | 56.72 | 0 | 29.22 |
| 25_31 | A056 | Kwai Chung Plaza Block 1 | 831136.3 | 824345.1 | 10 | <u>264.13</u> | 179.41 | 12 | 35.84 | 75.65 | 0 | 41.04 | 56.81 | 0 | 29.20 |
| 25_31 | A057 | New Kwai Fong Gardens Block A | 831183.9 | 824086.6 | 10 | <u>269.16</u> | 188.83 | 13 | 38.85 | 75.92 | 0 | 41.18 | 57.06 | 0 | 29.33 |
| 25_31 | A058 | Hisbiscus Park Block 2 | 830902.8 | 824410.2 | 13.6 | <u>256.94</u> | 178.13 | 12 | 34.59 | 75.45 | 0 | 40.99 | 56.63 | 0 | 29.15 |
| 25_31 | A064 | Wing Hong Factory Building | 830882.5 | 824034.6 | 10 | <u>263.67</u> | 191.18 | 13 | <u>41.49</u> | 76.06 | 0 | 41.35 | 57.17 | 0 | 29.48 |
| 25_31 | A065 | Metroplaza Tower 2 | 831049.0 | 824241.6 | 10 | <u>263.91</u> | 186.80 | 13 | 37.69 | 75.81 | 0 | 41.13 | 56.95 | 0 | 29.28 |
| 25_31 | A068 | Wah Fung Industrial Centre | 830931.7 | 824126.4 | 15 | <u>263.00</u> | 179.84 | 13 | 38.39 | 75.82 | 0 | 41.16 | 56.95 | 0 | 29.30 |
| 25_31 | A069 | Fook Yip Building | 831019.3 | 824035.8 | 10.3 | <u>263.98</u> | 187.55 | 13 | 40.85 | 75.97 | 0 | 41.27 | 57.11 | 0 | 29.41 |

Note:

1. The heights Z are 1.5m, 5m and 10m above ground, except some heights of ASRs which are podium or in higher terrain such as buildings in hilly region have been adjusted.

2. AQO requirements:

| | | |
|--------------------------------|--------------------------------------|---------------|
| NO ₂ 1-hour average | 200 µg/m ³ with less than | 19 exceedance |
| NO ₂ Annual average | 40 µg/m ³ | |
| RSP 24-hour average | 100 µg/m ³ with less than | 10 exceedance |
| RSP Annual average | 50 µg/m ³ | |
| FSP 24-hour average | 75 µg/m ³ with less than | 10 exceedance |
| FSP Annual average | 35 µg/m ³ | |

3. Underlined means the pollutant concentration has exceeded the AQO limit.

Appendix 3-8 Cumulative Results for Separated Grids at Different Levels for "Without Project" Scenario in Year 2021

Cumulative Results for Grid [26,30] - Without Project

| PATH Grid | ASR ID | ASR Descriptions | X | Y | Z (m) ¹⁾ | NO ₂ | | | RSP | | | FSP | | | |
|-----------|--------|-----------------------|----------|----------|---------------------|-------------------------|---|-------------------|--|-------------------------|-------------------|--|-------------------------|-------------------|-------------------------|
| | | | | | | Max 1-hour Average | 19 th Highest 1-hour Average | Annual Average | 10 th Highest 24-hour Average | | Annual Average | 10 th Highest 24-hour Average | | Annual Average | |
| | | | | | | <u>µg/m³</u> | <u>µg/m³</u> | No. of Exceedance | <u>µg/m³</u> | <u>µg/m³</u> | No. of Exceedance | <u>µg/m³</u> | <u>µg/m³</u> | No. of Exceedance | <u>µg/m³</u> |
| 26_30 | A059 | Highland Park Block 6 | 831427.6 | 823491.1 | 3.3 | <u>266.1</u> | 184.41 | 7 | 29.71 | 75.512 | 0 | 40.137 | 56.666 | 0 | 28.516 |
| 26_30 | A059 | Highland Park Block 6 | 831427.6 | 823491.1 | 6.8 | <u>266.1</u> | 184.22 | 7 | 29.68 | 75.507 | 0 | 40.135 | 56.664 | 0 | 28.513 |
| 26_30 | A059 | Highland Park Block 6 | 831427.6 | 823491.1 | 11.8 | <u>266.1</u> | 184.22 | 7 | 29.59 | 75.501 | 0 | 40.129 | 56.659 | 0 | 28.508 |

Note:

1. The heights Z are 1.5m, 5m and 10m above ground, except some heights of ASRs which are podium or in higher terrain such as buildings in hilly region have been adjusted.

2. AQO requirements:

| | | |
|---------------------|--------------------------------------|---------------|
| NO2 1-hour average | 200 µg/m ³ with less than | 19 exceedance |
| NO2 Annual average | 40 µg/m ³ | |
| RSP 24-hour average | 100 µg/m ³ with less than | 10 exceedance |
| RSP Annual average | 50 µg/m ³ | |
| FSP 24-hour average | 75 µg/m ³ with less than | 10 exceedance |
| FSP Annual average | 35 µg/m ³ | |

3. Underlined means the pollutant concentration has exceeded the AQO limit.

Appendix 3-8 Cumulative Results for Separated Grids at Different Levels for "Without Project" Scenario in Year 2021

Cumulative Results for Grid [26,31] - Without Project

| PATH Grid | ASR ID | ASR Descriptions | X | Y | Z (m) ¹⁾ | NO ₂ | | | RSP | | | FSP | | | |
|-----------|--------|--|----------|----------|---------------------|--------------------|---|-------------------|--|-------------------|--|-------------------|-------------------|-------------------|-------------------|
| | | | | | | Max 1-hour Average | 19 th Highest 1-hour Average | Annual Average | 10 th Highest 24-hour Average | Annual Average | 10 th Highest 24-hour Average | Annual Average | | | |
| | | | | | | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ | µg/m ³ | No. of Exceedance | µg/m ³ |
| 26_31 | A008 | Lai Yiu Estate Fu Yiu House | 831430.8 | 823909.0 | 5 | <u>260.2</u> | 182.9 | 9 | 30.4 | 74.74 | 0 | 39.87 | 56.10 | 0 | 28.35 |
| 26_31 | A009 | TWGHs Ko Ho Ning Memorial Primary School | 831411.2 | 823810.7 | 5 | <u>260.1</u> | 182.8 | 8 | 29.5 | 74.71 | 0 | 39.84 | 56.08 | 0 | 28.32 |
| 26_31 | A010 | Kwai Chung Methodist College | 831447.6 | 823708.8 | 5 | <u>252.3</u> | 181.8 | 8 | 28.8 | 74.68 | 0 | 39.81 | 56.06 | 0 | 28.30 |
| 26_31 | A008 | Lai Yiu Estate Fu Yiu House | 831430.8 | 823909.0 | 10 | <u>260.3</u> | 182.9 | 9 | 30.1 | 74.72 | 0 | 39.86 | 56.09 | 0 | 28.34 |
| 26_31 | A009 | TWGHs Ko Ho Ning Memorial Primary School | 831411.2 | 823810.7 | 10 | <u>260.0</u> | 182.7 | 8 | 29.3 | 74.70 | 0 | 39.83 | 56.07 | 0 | 28.31 |
| 26_31 | A010 | Kwai Chung Methodist College | 831447.6 | 823708.8 | 10 | <u>251.2</u> | 181.7 | 8 | 28.5 | 74.67 | 0 | 39.80 | 56.05 | 0 | 28.29 |
| 26_31 | A008 | Lai Yiu Estate Fu Yiu House | 831430.8 | 823909.0 | 20 | <u>260.2</u> | 182.9 | 9 | 29.4 | 74.69 | 0 | 39.82 | 56.06 | 0 | 28.31 |
| 26_31 | A009 | TWGHs Ko Ho Ning Memorial Primary School | 831411.2 | 823810.7 | 20 | <u>259.4</u> | 182.5 | 8 | 28.9 | 74.68 | 0 | 39.81 | 56.05 | 0 | 28.29 |
| 26_31 | A010 | Kwai Chung Methodist College | 831447.6 | 823708.8 | 20 | <u>249.3</u> | 181.5 | 8 | 28.1 | 74.64 | 0 | 39.77 | 56.02 | 0 | 28.26 |

Note:

1. The heights Z are 1.5m, 5m and 10m above ground, except some heights of ASRs which are podium or in higher terrain such as buildings in hilly region have been adjusted.

2. AQO requirements:

| | | |
|---------------------|--------------------------------------|---------------|
| NO2 1-hour average | 200 µg/m ³ with less than | 19 exceedance |
| NO2 Annual average | 40 µg/m ³ | |
| RSP 24-hour average | 100 µg/m ³ with less than | 10 exceedance |
| RSP Annual average | 50 µg/m ³ | |
| FSP 24-hour average | 75 µg/m ³ with less than | 10 exceedance |
| FSP Annual average | 35 µg/m ³ | |

3. Underlined means the pollutant concentration has exceeded the AQO limit.