

The background is a vibrant yellow. It is decorated with several abstract geometric shapes in shades of blue, teal, and white. These include circles, semi-circles, and rounded rectangular shapes, some of which are layered or overlapping. The shapes are scattered across the page, creating a modern and dynamic visual effect.

## Appendix A7.1

### Detailed Modelling Results

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## Appendix A7.1: Detailed Modelling Results

This Appendix provides all results produced by the detailed modelling of the air quality traffic impacts associated with the Construction and Operational Phases of the Proposed Scheme.

### 1. 'Do Nothing' Scenario

The Do Nothing (DN) modelling scenario has been modelled using Atmospheric Dispersion Modelling System (AMDS) Roads for the baseline year of 2019. Predicted annual mean concentrations of Nitrogen dioxide (NO<sub>2</sub>) and Particulate Matter (PM), PM<sub>10</sub> and PM<sub>2.5</sub>, and the number of exceedances of the 24-hour PM<sub>10</sub> objective, at all modelled existing air quality sensitive receptors in the 2019 baseline scenario are listed in Table 1.1.

**Table 1.1: Predicted Existing Baseline (Do Nothing Scenario) Pollutant Statistics At All Modelled Receptor Locations**

| DN (2019) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. (µg/m <sup>3</sup> ) |                  |                   | No of PM <sub>10</sub> days > 50µg/m <sup>3</sup> |
|           |                         | NO <sub>2</sub>                        | PM <sub>10</sub> | PM <sub>2.5</sub> |   |
| AQ1       | 715367,737143           | 28.2                                   | 15.0             | 10.7              | <1  |
| AQ2       | 715405,737202           | 25.6                                   | 14.7             | 10.5              | <1  |
| AQ3       | 715087,736553           | 39.7                                   | 16.8             | 11.8              | 1   |
| AQ4       | 715079,736527           | 39.1                                   | 16.7             | 11.7              | 1   |
| AQ5       | 715066,736570           | 42.6                                   | 17.3             | 12.1              | 1   |
| AQ6       | 715013,736516           | 42.1                                   | 17.0             | 12.0              | 1   |
| AQ7       | 715127,736243           | 23.1                                   | 14.4             | 10.3              | <1  |
| AQ8       | 714992,736243           | 36.5                                   | 16.2             | 11.4              | 1   |
| AQ9       | 715019,736244           | 48.5                                   | 18.0             | 12.6              | 2   |
| AQ10      | 714997,736266           | 38.0                                   | 16.4             | 11.6              | 1   |
| AQ11      | 715036,736390           | 55.1                                   | 17.3             | 12.2              | 1   |
| AQ12      | 715005,736359           | 42.9                                   | 16.2             | 11.5              | 1   |
| AQ13      | 715043,736434           | 49.7                                   | 17.0             | 12.0              | 1   |
| AQ14      | 715039,736413           | 53.6                                   | 17.2             | 12.1              | 1   |
| AQ15      | 715042,736487           | 47.0                                   | 17.4             | 12.2              | 1   |
| AQ16      | 715031,736487           | 47.0                                   | 17.3             | 12.2              | 1   |
| AQ17      | 715063,736482           | 46.8                                   | 17.5             | 12.3              | 1   |
| AQ18      | 715013,736478           | 40.7                                   | 16.4             | 11.6              | 1   |
| AQ19      | 715007,736458           | 37.3                                   | 15.8             | 11.2              | 1   |
| AQ20      | 714991,734794           | 25.2                                   | 14.8             | 10.5              | <1  |
| AQ21      | 714973,734731           | 49.0                                   | 18.8             | 13.1              | 2   |
| AQ22      | 715015,734796           | 24.9                                   | 14.7             | 10.5              | <1  |
| AQ23      | 715042,734747           | 49.1                                   | 19.0             | 13.2              | 2   |
| AQ24      | 715021,734710           | 44.1                                   | 17.7             | 12.4              | 1   |
| AQ25      | 714966,734791           | 26.9                                   | 15.0             | 10.6              | <1  |
| AQ26      | 714967,734805           | 26.3                                   | 14.9             | 10.6              | <1  |
| AQ27      | 714963,734840           | 26.7                                   | 14.9             | 10.6              | <1  |
| AQ28      | 714879,734648           | 47.0                                   | 18.4             | 12.8              | 2   |
| AQ29      | 714933,734823           | 36.0                                   | 16.3             | 11.5              | 1   |

| DN (2019) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |  |
| AQ30      | 714962,734854           | 26.0   | 14.9             | 10.6              | <1   |
| AQ31      | 714922,734731           | 39.8   | 17.0             | 12.0              | 1  |
| AQ32      | 714879,734757           | 39.7   | 16.8             | 11.8              | 1  |
| AQ33      | 714886,734787           | 41.0   | 16.9             | 11.9              | 1  |
| AQ34      | 714868,734720           | 57.1   | 19.8             | 13.8              | 3  |
| AQ35      | 714934,734702           | 38.4   | 16.9             | 11.8              | 1  |
| AQ36      | 714861,734526           | 39.5   | 16.9             | 11.9              | 1  |
| AQ37      | 715081,734346           | 30.8   | 15.4             | 10.9              | <1   |
| AQ38      | 715098,734328           | 23.6   | 14.5             | 10.3              | <1   |
| AQ39      | 714878,734543           | 47.2   | 18.3             | 12.8              | 2  |
| AQ40      | 714855,734461           | 34.7   | 16.0             | 11.3              | 1  |
| AQ41      | 714882,734463           | 39.0   | 16.7             | 11.8              | 1  |
| AQ42      | 715090,734382           | 24.1   | 14.5             | 10.4              | <1   |
| AQ43      | 714878,734485           | 49.9   | 18.6             | 13.0              | 2  |
| AQ44      | 714879,734603           | 45.3   | 18.0             | 12.6              | 2  |
| AQ45      | 714879,734636           | 46.2   | 18.2             | 12.7              | 2  |
| AQ46      | 715040,734582           | 24.3   | 14.6             | 10.4              | <1   |
| AQ47      | 715054,734524           | 24.6   | 14.6             | 10.4              | <1   |
| AQ48      | 715014,734688           | 32.4   | 15.8             | 11.2              | 1  |
| AQ49      | 714852,734429           | 37.3   | 16.4             | 11.6              | 1  |
| AQ50      | 714829,734297           | 42.0   | 17.0             | 12.0              | 1  |
| AQ51      | 714813,734240           | 62.0   | 18.8             | 13.2              | 2  |
| AQ52      | 714862,734650           | 37.2   | 16.6             | 11.7              | 1  |
| AQ53      | 714930,735661           | 40.7   | 16.9             | 11.8              | 1  |
| AQ54      | 715025,735693           | 22.6   | 14.4             | 10.2              | <1   |
| AQ55      | 714934,735443           | 37.0   | 16.7             | 11.7              | 1  |
| AQ56      | 714921,735579           | 36.7   | 16.5             | 11.6              | 1  |
| AQ57      | 714941,735567           | 38.9   | 16.9             | 11.8              | 1  |
| AQ58      | 714924,735634           | 35.7   | 16.3             | 11.5              | 1  |
| AQ59      | 714995,735557           | 22.2   | 14.3             | 10.2              | <1   |
| AQ60      | 714940,735556           | 39.0   | 17.0             | 11.9              | 1  |
| AQ61      | 715006,735602           | 22.1   | 14.3             | 10.2              | <1   |
| AQ62      | 714948,735651           | 39.4   | 16.8             | 11.8              | 1  |
| AQ63      | 714947,735623           | 37.7   | 16.6             | 11.6              | 1  |
| AQ64      | 714951,735075           | 30.1   | 15.4             | 10.9              | <1   |
| AQ65      | 715013,735172           | 23.7   | 14.5             | 10.3              | <1   |
| AQ66      | 714947,735276           | 33.7   | 16.1             | 11.3              | 1  |
| AQ67      | 714919,735282           | 31.8   | 15.8             | 11.1              | 1  |
| AQ68      | 715021,735319           | 22.4   | 14.3             | 10.2              | <1   |
| AQ69      | 714983,735335           | 22.7   | 14.4             | 10.3              | <1   |
| AQ70      | 714939,735355           | 38.3   | 16.9             | 11.8              | 1  |

| DN (2019) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |  |
| AQ71      | 714909,735428           | 32.8   | 16.0             | 11.2              | 1  |
| AQ72      | 714988,735422           | 22.2   | 14.3             | 10.2              | <1   |
| AQ73      | 715021,735364           | 22.0   | 14.3             | 10.2              | <1   |
| AQ74      | 714941,735350           | 37.0   | 16.7             | 11.7              | 1  |
| AQ75      | 714984,735349           | 22.6   | 14.4             | 10.2              | <1   |
| AQ76      | 714909,735447           | 33.6   | 16.1             | 11.3              | 1  |
| AQ77      | 715293,737083           | 24.5   | 14.6             | 10.4              | <1   |
| AQ78      | 715177,737114           | 22.2   | 14.3             | 10.2              | <1   |
| AQ79      | 715163,737145           | 22.0   | 14.3             | 10.2              | <1   |
| AQ80      | 715144,737111           | 21.5   | 14.2             | 10.1              | 1  |
| AQ81      | 715290,737211           | 22.9   | 14.4             | 10.2              | <1   |
| AQ82      | 715347,737160           | 25.8   | 14.7             | 10.5              | <1   |
| AQ83      | 714970,736162           | 39.3   | 16.5             | 11.6              | 1  |
| AQ84      | 714955,736106           | 40.2   | 16.4             | 11.6              | 1  |
| AQ85      | 714989,736233           | 40.3   | 16.7             | 11.8              | 1  |
| AQ86      | 714973,736173           | 35.1   | 16.0             | 11.3              | 1  |
| AQ87      | 715004,736160           | 39.4   | 16.5             | 11.6              | 1  |
| AQ88      | 715112,736223           | 23.3   | 14.4             | 10.3              | <1   |
| AQ89      | 715137,736797           | 25.0   | 14.7             | 10.4              | <1   |
| AQ90      | 715162,736781           | 26.2   | 14.8             | 10.5              | <1   |
| AQ91      | 715141,736805           | 25.1   | 14.7             | 10.4              | <1   |
| AQ92      | 715168,736799           | 26.1   | 14.8             | 10.5              | <1   |
| AQ93      | 715173,736886           | 25.7   | 14.7             | 10.5              | <1   |
| AQ94      | 715231,736947           | 27.0   | 14.9             | 10.6              | <1   |
| AQ95      | 715198,736881           | 26.8   | 14.9             | 10.6              | <1   |
| AQ96      | 715201,736958           | 24.3   | 14.6             | 10.4              | <1   |
| AQ97      | 715253,737014           | 24.8   | 14.6             | 10.4              | <1   |
| AQ98      | 715233,736996           | 24.5   | 14.6             | 10.4              | <1   |
| AQ99      | 715217,737019           | 23.9   | 14.5             | 10.3              | <1   |
| AQ100     | 715208,736990           | 23.5   | 14.5             | 10.3              | <1   |
| AQ101     | 715331,737143           | 24.7   | 14.6             | 10.4              | <1   |
| AQ102     | 715194,737012           | 22.5   | 14.4             | 10.2              | <1   |
| AQ103     | 715254,736967           | 25.3   | 14.7             | 10.4              | <1   |
| AQ104     | 714985,736585           | 49.2   | 18.3             | 12.8              | 2  |
| AQ105     | 714971,736562           | 34.8   | 16.0             | 11.3              | 1  |
| AQ106     | 715104,736604           | 42.2   | 16.7             | 11.8              | 1  |
| AQ107     | 715073,736602           | 40.2   | 16.5             | 11.6              | 1  |
| AQ108     | 715094,736577           | 42.6   | 17.2             | 12.1              | 1  |
| AQ109     | 715079,736628           | 55.8   | 18.6             | 13.0              | 2  |
| AQ110     | 715037,736623           | 43.7   | 17.3             | 12.1              | 1  |
| AQ111     | 714922,736655           | 32.1   | 15.8             | 11.2              | 1  |

| DN (2019) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |  |
| AQ112     | 714935,736628           | 32.1   | 15.8             | 11.1              | 1  |
| AQ113     | 714908,736683           | 33.3   | 16.0             | 11.3              | 1  |
| AQ114     | 714932,736700           | 38.3   | 16.8             | 11.8              | 1  |
| AQ115     | 714942,736675           | 40.7   | 17.3             | 12.1              | 1  |
| AQ116     | 714871,736757           | 24.8   | 14.7             | 10.5              | <1   |
| AQ117     | 714755,736779           | 24.0   | 14.6             | 10.4              | <1   |
| AQ118     | 714867,736710           | 23.7   | 14.6             | 10.4              | <1   |
| AQ119     | 715101,736694           | 26.5   | 14.9             | 10.6              | <1   |
| AQ120     | 715086,735971           | 27.6   | 14.8             | 10.5              | <1   |
| AQ121     | 715093,736100           | 23.6   | 14.5             | 10.3              | <1   |
| AQ122     | 714979,736090           | 43.8   | 16.6             | 11.7              | 1  |
| AQ123     | 714979,735962           | 44.5   | 17.3             | 12.2              | 1  |
| AQ124     | 715071,736007           | 24.9   | 14.6             | 10.4              | <1   |
| AQ125     | 715067,736024           | 24.3   | 14.5             | 10.3              | <1   |
| AQ126     | 714973,736042           | 53.9   | 18.8             | 13.2              | 2  |
| AQ127     | 714961,735948           | 42.2   | 16.9             | 11.9              | 1  |
| AQ128     | 714987,736629           | 39.7   | 17.0             | 11.9              | 1  |
| AQ129     | 715001,736510           | 36.3   | 16.1             | 11.4              | 1  |
| AQ130     | 714982,735770           | 46.1   | 17.6             | 12.3              | 1  |
| AQ131     | 715040,735787           | 23.4   | 14.4             | 10.3              | <1   |
| AQ132     | 714977,735755           | 39.8   | 16.6             | 11.7              | 1  |
| AQ133     | 714965,735877           | 42.7   | 16.9             | 11.9              | 1  |
| AQ134     | 714984,735852           | 42.6   | 17.0             | 11.9              | 1  |
| AQ135     | 714996,735909           | 55.1   | 18.7             | 13.1              | 2  |
| AQ136     | 714949,735909           | 52.2   | 18.2             | 12.8              | 2  |
| AQ137     | 715060,735903           | 32.0   | 15.4             | 10.9              | <1   |
| AQ138     | 715056,735882           | 28.1   | 15.0             | 10.6              | <1   |
| AQ139     | 714996,735890           | 48.4   | 17.7             | 12.4              | 1  |
| AQ140     | 715091,735902           | 38.7   | 16.1             | 11.4              | 1  |
| AQ141     | 714933,735676           | 45.6   | 17.2             | 12.1              | 1  |
| AQ142     | 714955,735674           | 44.5   | 17.0             | 11.9              | 1  |
| AQ143     | 714966,735785           | 37.1   | 16.2             | 11.5              | 1  |
| AQ144     | 714953,735742           | 43.9   | 17.1             | 12.0              | 1  |
| AQ145     | 714983,735786           | 40.5   | 16.7             | 11.8              | 1  |
| AQ146     | 714935,734960           | 30.9   | 15.6             | 11.0              | 1  |
| AQ147     | 714956,734916           | 45.1   | 18.0             | 12.6              | 2  |
| AQ148     | 714922,734916           | 30.1   | 15.5             | 11.0              | 1  |
| AQ149     | 714472,736949           | 23.0   | 14.4             | 10.3              | <1   |
| AQ150     | 714313,737120           | 23.4   | 14.5             | 10.3              | <1   |
| AQ151     | 715434,738674           | 26.0   | 15.0             | 10.6              | <1   |
| AQ152     | 715372,738863           | 23.3   | 14.5             | 10.3              | <1   |

| DN (2019) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |  |
| AQ153     | 715383,738759           | 23.3   | 14.5             | 10.3              | <1   |
| AQ154     | 715384,738655           | 23.2   | 14.5             | 10.3              | <1   |
| AQ155     | 715476,737643           | 26.3   | 14.9             | 10.6              | <1   |
| AQ156     | 715481,737594           | 24.1   | 14.6             | 10.4              | <1   |
| AQ157     | 715481,737594           | 24.1   | 14.6             | 10.4              | <1   |
| AQ158     | 715433,737920           | 28.1   | 15.1             | 10.7              | <1   |
| AQ159     | 715447,737859           | 25.7   | 14.8             | 10.5              | <1   |
| AQ160     | 715444,737620           | 23.8   | 14.5             | 10.3              | <1   |
| AQ161     | 715438,737675           | 23.3   | 14.5             | 10.3              | <1   |
| AQ162     | 715451,737821           | 25.6   | 14.7             | 10.5              | <1   |
| AQ163     | 715464,737747           | 25.8   | 14.7             | 10.5              | <1   |
| AQ164     | 715467,737724           | 25.9   | 14.7             | 10.5              | <1   |
| AQ165     | 715404,738140           | 25.4   | 14.8             | 10.5              | <1   |
| AQ166     | 715404,738108           | 25.8   | 14.8             | 10.5              | <1   |
| AQ167     | 715360,738284           | 24.8   | 14.8             | 10.5              | <1   |
| AQ168     | 715372,738462           | 24.3   | 14.7             | 10.4              | <1   |
| AQ169     | 715357,738177           | 25.1   | 14.8             | 10.5              | <1   |
| AQ170     | 715194,737262           | 21.6   | 14.2             | 10.2              | 1  |
| AQ171     | 715236,737223           | 22.1   | 14.3             | 10.2              | 1  |
| AQ172     | 715175,737516           | 23.3   | 14.5             | 10.3              | <1   |
| AQ173     | 715178,737488           | 21.7   | 14.3             | 10.2              | 1  |
| AQ174     | 715190,737457           | 22.2   | 14.3             | 10.2              | <1   |
| AQ175     | 715277,737200           | 22.3   | 14.3             | 10.2              | <1   |
| AQ176     | 715218,737212           | 22.2   | 14.3             | 10.2              | <1   |
| AQ177     | 715202,737773           | 21.7   | 14.3             | 10.2              | 1  |
| AQ178     | 715342,737941           | 26.8   | 14.9             | 10.6              | <1   |
| AQ179     | 715315,737902           | 24.3   | 14.6             | 10.4              | <1   |
| AQ180     | 715275,737837           | 22.1   | 14.3             | 10.2              | <1   |
| AQ181     | 715269,737897           | 22.4   | 14.3             | 10.2              | <1   |
| AQ182     | 715382,737333           | 23.1   | 14.5             | 10.3              | <1   |
| AQ183     | 715451,737821           | 25.6   | 14.7             | 10.5              | <1   |
| AQ184     | 715428,737722           | 23.3   | 14.4             | 10.3              | <1   |
| AQ185     | 715426,737732           | 23.2   | 14.4             | 10.3              | <1   |
| AQ186     | 715415,737814           | 23.6   | 14.5             | 10.3              | <1   |
| AQ187     | 715364,737295           | 22.5   | 14.4             | 10.2              | <1   |
| AQ188     | 715363,738002           | 25.8   | 14.8             | 10.5              | <1   |
| AQ189     | 715429,737551           | 23.3   | 14.5             | 10.3              | <1   |
| AQ190     | 715405,737461           | 22.9   | 14.5             | 10.3              | <1   |
| AQ191     | 715401,737878           | 24.8   | 14.6             | 10.4              | <1   |
| AQ192     | 715387,737927           | 27.4   | 15.0             | 10.6              | <1   |
| AQ193     | 715382,737998           | 25.4   | 14.7             | 10.5              | <1   |

| DN (2019) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |  |
| AQ194     | 715391,737396           | 23.0   | 14.5             | 10.3              | <1   |
| AQ195     | 715416,738010           | 26.1   | 14.8             | 10.5              | <1   |
| AQ196     | 715410,740446           | 25.7   | 14.8             | 10.5              | <1   |
| AQ197     | 715385,740597           | 25.7   | 14.8             | 10.5              | <1   |
| AQ198     | 715403,740362           | 23.8   | 14.6             | 10.4              | <1   |
| AQ199     | 715130,737642           | 22.5   | 14.4             | 10.2              | <1   |
| AQ200     | 715231,737459           | 21.7   | 14.3             | 10.2              | 1  |
| AQ201     | 715226,737338           | 22.0   | 14.3             | 10.2              | 1  |
| AQ202     | 715221,737400           | 22.3   | 14.3             | 10.2              | <1   |
| AQ203     | 715191,737420           | 21.6   | 14.2             | 10.2              | 1  |
| AQ204     | 715182,737371           | 21.3   | 14.2             | 10.1              | 1  |
| AQ205     | 715114,737548           | 22.2   | 14.3             | 10.2              | <1   |
| AQ206     | 715153,737684           | 21.8   | 14.3             | 10.2              | 1  |
| AQ207     | 715502,739359           | 25.2   | 14.9             | 10.5              | <1   |
| AQ208     | 715408,739100           | 27.8   | 15.1             | 10.7              | <1   |
| AQ209     | 715493,739262           | 25.5   | 14.9             | 10.6              | <1   |
| AQ210     | 715368,738953           | 24.1   | 14.6             | 10.4              | <1   |
| AQ211     | 715434,739035           | 26.9   | 15.0             | 10.7              | <1   |
| AQ212     | 715452,739042           | 25.8   | 14.8             | 10.5              | <1   |
| AQ213     | 715416,738981           | 26.4   | 15.0             | 10.6              | <1   |
| AQ214     | 713910,737756           | 23.5   | 14.5             | 10.3              | <1   |
| AQ215     | 713962,737748           | 28.3   | 15.2             | 10.8              | <1   |
| AQ216     | 713991,737518           | 22.9   | 14.4             | 10.3              | <1   |
| AQ217     | 713176,738821           | 29.1   | 15.2             | 10.8              | <1   |
| AQ218     | 713196,738843           | 28.9   | 15.2             | 10.8              | <1   |
| AQ219     | 713839,738020           | 22.9   | 14.4             | 10.3              | <1   |
| AQ220     | 713797,738159           | 23.8   | 14.6             | 10.4              | <1   |
| AQ221     | 713742,738142           | 22.4   | 14.4             | 10.2              | <1   |
| AQ222     | 713329,738634           | 24.0   | 14.7             | 10.4              | <1   |
| AQ223     | 713049,738954           | 23.0   | 14.4             | 10.3              | <1   |
| AQ224     | 715314,737046           | 24.1   | 14.5             | 10.3              | <1   |
| AQ225     | 715359,737115           | 25.0   | 14.6             | 10.4              | <1   |
| AQ226     | 715433,739637           | 24.2   | 14.6             | 10.4              | <1   |
| AQ227     | 714782,734168           | 47.1   | 17.8             | 12.4              | 1  |
| AQ228     | 714806,734148           | 51.3   | 18.5             | 13.0              | 2  |
| AQ229     | 714790,734058           | 51.5   | 18.7             | 13.1              | 2  |
| AQ230     | 714768,734036           | 46.0   | 17.6             | 12.4              | 1  |
| AQ231     | 714815,733986           | 41.6   | 17.4             | 12.2              | 1  |
| AQ232     | 714898,733940           | 36.5   | 16.3             | 11.5              | 1  |
| AQ233     | 714868,733938           | 36.8   | 16.2             | 11.4              | 1  |
| AQ234     | 715040,733934           | 44.8   | 17.5             | 12.3              | 1  |



| DN (2019) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |  |
| AQ235     | 714960,733960           | 41.3   | 17.0             | 12.0              | 1  |
| AQ236     | 715087,733873           | 38.6   | 16.6             | 11.7              | 1  |
| AQ237     | 714703,734262           | 56.0   | 19.9             | 13.8              | 3  |
| AQ238     | 714716,734342           | 25.0   | 14.7             | 10.4              | <1   |
| AQ239     | 714723,734337           | 25.1   | 14.7             | 10.4              | <1   |
| AQ240     | 714735,734416           | 25.2   | 14.7             | 10.4              | <1   |
| AQ241     | 714738,734493           | 23.3   | 14.4             | 10.3              | <1   |
| AQ242     | 714793,734626           | 26.0   | 14.8             | 10.5              | <1   |
| AQ243     | 714777,734605           | 24.7   | 14.6             | 10.4              | <1   |
| AQ244     | 714796,734634           | 26.8   | 14.9             | 10.6              | <1   |
| AQ245     | 714770,734550           | 24.3   | 14.6             | 10.4              | <1   |
| AQ246     | 714947,734693           | 36.1   | 16.4             | 11.5              | 1  |
| AQ247     | 714953,734491           | 25.8   | 14.7             | 10.5              | <1   |
| AQ248     | 714951,734470           | 24.6   | 14.6             | 10.4              | <1   |
| AQ249     | 714958,734578           | 24.2   | 14.6             | 10.4              | <1   |
| AQ250     | 715173,734810           | 42.3   | 17.4             | 12.2              | 1  |
| AQ251     | 715149,734779           | 39.0   | 17.0             | 11.9              | 1  |
| AQ252     | 715114,734778           | 40.6   | 17.3             | 12.1              | 1  |
| AQ253     | 714712,734756           | 29.9   | 15.5             | 11.0              | 1  |
| AQ254     | 714707,734771           | 33.3   | 16.1             | 11.3              | 1  |
| AQ255     | 714517,734365           | 39.2   | 16.3             | 11.5              | 1  |
| AQ256     | 714507,734382           | 35.5   | 16.0             | 11.3              | 1  |
| AQ257     | 714516,734462           | 31.8   | 15.7             | 11.1              | 1  |
| AQ258     | 714522,734505           | 33.2   | 15.9             | 11.2              | 1  |
| AQ259     | 714538,734639           | 42.5   | 17.5             | 12.3              | 1  |
| AQ260     | 714540,734541           | 37.4   | 16.6             | 11.7              | 1  |
| AQ261     | 714663,734669           | 34.9   | 16.3             | 11.5              | 1  |
| AQ262     | 714575,734672           | 37.1   | 16.6             | 11.7              | 1  |
| AQ263     | 714676,734657           | 30.9   | 15.6             | 11.1              | 1  |
| AQ264     | 714671,734746           | 29.8   | 15.5             | 11.0              | 1  |
| AQ265     | 714662,734762           | 33.1   | 16.0             | 11.3              | 1  |
| AQ266     | 714404,734696           | 39.8   | 16.8             | 11.8              | 1  |
| AQ267     | 714410,734682           | 34.5   | 16.2             | 11.4              | 1  |
| AQ268     | 714392,734685           | 32.7   | 15.8             | 11.2              | 1  |
| AQ269     | 714399,734732           | 43.6   | 17.2             | 12.1              | 1  |
| AQ270     | 714339,734787           | 31.5   | 15.6             | 11.0              | 1  |
| AQ271     | 714344,734781           | 31.5   | 15.6             | 11.0              | 1  |
| AQ272     | 714379,734734           | 34.5   | 15.9             | 11.3              | 1  |
| AQ273     | 714292,734856           | 29.5   | 15.4             | 10.9              | <1   |
| AQ274     | 714346,734806           | 37.9   | 16.5             | 11.6              | 1  |
| AQ275     | 714259,734954           | 33.9   | 16.0             | 11.3              | 1  |

| DN (2019) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |  |
| AQ276     | 714232,734942           | 29.6   | 15.4             | 10.9              | <1   |
| AQ277     | 714238,734930           | 31.4   | 15.6             | 11.1              | 1  |
| AQ278     | 714216,735009           | 32.8   | 15.8             | 11.2              | 1  |
| AQ279     | 714191,734990           | 29.9   | 15.4             | 10.9              | <1   |
| AQ280     | 714254,734966           | 38.1   | 16.7             | 11.7              | 1  |
| AQ281     | 714176,735042           | 42.2   | 17.0             | 12.0              | 1  |
| AQ282     | 714134,735080           | 34.1   | 15.9             | 11.2              | 1  |
| AQ283     | 714121,735080           | 30.2   | 15.4             | 10.9              | <1   |
| AQ284     | 714021,735211           | 33.8   | 16.0             | 11.3              | 1  |
| AQ285     | 714028,735223           | 42.3   | 17.4             | 12.2              | 1  |
| AQ286     | 714012,735224           | 28.3   | 15.2             | 10.8              | <1   |
| AQ287     | 713935,735463           | 47.3   | 17.1             | 12.1              | 1  |
| AQ288     | 713913,735489           | 49.3   | 17.4             | 12.2              | 1  |
| AQ289     | 713973,735329           | 35.6   | 16.3             | 11.5              | 1  |
| AQ290     | 714818,735878           | 26.3   | 14.8             | 10.5              | <1   |
| AQ291     | 714676,735906           | 25.8   | 14.9             | 10.6              | <1   |
| AQ292     | 715709,735720           | 52.6   | 18.2             | 12.8              | 2  |
| AQ293     | 715700,735702           | 46.2   | 17.3             | 12.2              | 1  |
| AQ294     | 715682,735736           | 45.4   | 17.3             | 12.2              | 1  |
| AQ295     | 715667,735718           | 41.4   | 16.8             | 11.8              | 1  |
| AQ296     | 715727,735815           | 53.9   | 18.6             | 13.0              | 2  |
| AQ297     | 715744,735788           | 48.9   | 17.8             | 12.5              | 1  |
| AQ298     | 715756,735810           | 47.6   | 17.8             | 12.5              | 1  |
| AQ299     | 715718,735803           | 49.4   | 17.9             | 12.6              | 2  |
| AQ300     | 715799,735893           | 47.0   | 17.8             | 12.5              | 1  |
| AQ301     | 715769,735905           | 46.3   | 17.6             | 12.4              | 1  |
| AQ302     | 715775,735917           | 42.0   | 16.9             | 11.9              | 1  |
| AQ303     | 715814,735918           | 48.1   | 17.7             | 12.5              | 1  |
| AQ304     | 715818,735992           | 44.7   | 17.3             | 12.2              | 1  |
| AQ305     | 715846,735982           | 48.4   | 17.9             | 12.5              | 2  |
| AQ306     | 715843,736047           | 53.3   | 18.9             | 13.2              | 2  |
| AQ307     | 715872,736028           | 47.0   | 17.8             | 12.5              | 1  |
| AQ308     | 715719,736094           | 26.4   | 14.9             | 10.6              | <1   |
| AQ309     | 715702,736101           | 25.3   | 14.8             | 10.5              | <1   |
| AQ310     | 715776,736219           | 25.5   | 14.7             | 10.5              | <1   |
| AQ311     | 715759,736226           | 25.3   | 14.7             | 10.5              | <1   |
| AQ312     | 715784,736236           | 25.6   | 14.8             | 10.5              | <1   |
| AQ313     | 715771,736252           | 25.7   | 14.8             | 10.5              | <1   |
| AQ314     | 715822,736361           | 23.4   | 14.5             | 10.3              | <1   |
| AQ315     | 715840,736353           | 23.3   | 14.5             | 10.3              | <1   |
| AQ316     | 715616,736364           | 25.0   | 14.7             | 10.5              | <1   |

| DN (2019) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |  |
| AQ317     | 715623,736322           | 24.7   | 14.7             | 10.4              | <1   |
| AQ318     | 715613,736350           | 24.1   | 14.6             | 10.4              | <1   |
| AQ319     | 715635,736434           | 22.6   | 14.4             | 10.2              | <1   |
| AQ320     | 715370,736516           | 23.6   | 14.5             | 10.3              | <1   |
| AQ321     | 715389,736493           | 22.6   | 14.4             | 10.2              | <1   |
| AQ322     | 715369,736493           | 22.7   | 14.4             | 10.2              | <1   |
| AQ323     | 715391,736518           | 23.1   | 14.4             | 10.3              | <1   |
| AQ324     | 715471,736389           | 22.7   | 14.4             | 10.2              | <1   |
| AQ325     | 715056,736459           | 48.1   | 17.2             | 12.1              | 1  |
| AQ326     | 715249,736428           | 24.2   | 14.6             | 10.4              | <1   |
| AQ327     | 715248,736406           | 23.2   | 14.4             | 10.3              | <1   |
| AQ328     | 715200,736539           | 24.5   | 14.6             | 10.4              | <1   |
| AQ329     | 715192,736521           | 23.5   | 14.5             | 10.3              | <1   |
| AQ330     | 714753,736291           | 22.7   | 14.4             | 10.2              | <1   |
| AQ331     | 714757,736304           | 22.5   | 14.4             | 10.2              | <1   |
| AQ332     | 714737,736303           | 21.8   | 14.3             | 10.2              | 1  |
| AQ333     | 714887,734697           | 42.7   | 17.4             | 12.2              | 1  |
| AQ334     | 714918,734776           | 38.1   | 16.5             | 11.7              | 1  |
| AQ335     | 714920,734871           | 34.0   | 16.1             | 11.4              | 1  |
| AQ336     | 715161,734821           | 40.7   | 17.1             | 12.0              | 1  |
| AQ337     | 715050,734723           | 39.0   | 17.0             | 12.0              | 1  |
| AQ338     | 715051,734749           | 41.0   | 17.4             | 12.2              | 1  |
| AQ339     | 715094,734741           | 38.8   | 17.0             | 11.9              | 1  |
| AQ340     | 715098,736591           | 42.7   | 17.0             | 11.9              | 1  |
| AQ341     | 713864,738074           | 24.3   | 14.7             | 10.4              | <1   |
| AQ342     | 712749,739812           | 28.1   | 15.3             | 10.8              | <1   |
| AQ343     | 712613,739799           | 22.8   | 14.4             | 10.3              | <1   |
| AQ344     | 712753,739720           | 24.8   | 14.8             | 10.5              | <1   |
| AQ345     | 715026,734392           | 23.3   | 14.4             | 10.3              | <1   |
| AQ346     | 714997,734396           | 24.0   | 14.5             | 10.4              | <1   |
| AQ347     | 714828,734792           | 33.4   | 14.7             | 10.4              | <1   |
| AQ348     | 715093,734269           | 24.8   | 14.6             | 10.4              | <1   |
| AQ349     | 714999,736553           | 49.9   | 15.6             | 11.0              | 1  |
| AQ350     | 712507,739809           | 20.7   | 14.1             | 10.1              | 1  |
| AQ351     | 714745,734486           | 23.7   | 14.5             | 10.3              | <1   |
| AQ352     | 715510,740236           | 22.6   | 15.2             | 10.7              | <1   |
| AQ353     | 715191,735865           | 30.6   | 15.3             | 10.9              | <1   |
| AQ354     | 714829,734740           | 32.0   | 15.7             | 11.1              | 1  |
| AQ355     | 714829,734774           | 36.7   | 14.8             | 10.5              | <1   |
| AQ356     | 715571,737454           | 21.0   | 14.5             | 10.3              | <1   |
| AQ357     | 715238,737251           | 22.8   | 14.4             | 10.2              | <1   |

| DN (2019) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |  |
| AQ358     | 715309,737551           | 21.0   | 14.2             | 10.1              | 1  |
| AQ359     | 715213,737647           | 21.0   | 14.2             | 10.1              | 1  |
| AQ360     | 715472,737544           | 23.3   | 15.4             | 10.9              | <1   |
| AQ361     | 713269,739047           | 21.8   | 14.7             | 10.5              | <1   |
| AQ362     | 715655,738657           | 20.8   | 14.2             | 10.1              | 1  |
| AQ363     | 714840,736724           | 23.4   | 14.5             | 10.3              | <1   |
| AQ364     | 715306,737965           | 24.8   | 14.7             | 10.4              | <1   |
| AQ365     | 715330,738134           | 22.4   | 14.4             | 10.2              | <1   |
| AQ366     | 715193,737898           | 21.4   | 14.2             | 10.1              | 1  |
| AQ367     | 715005,737589           | 21.0   | 14.2             | 10.1              | 1  |
| AQ368     | 713655,738228           | 23.5   | 14.5             | 10.3              | <1   |
| AQ369     | 713028,738778           | 22.2   | 14.4             | 10.2              | <1   |
| AQ370     | 715358,738994           | 22.7   | 14.4             | 10.3              | <1   |
| AQ371     | 715430,739469           | 22.2   | 14.4             | 10.2              | <1   |
| AQ372     | 715520,739462           | 22.8   | 14.5             | 10.3              | <1   |
| AQ373     | 714738,734460           | 23.9   | 14.5             | 10.3              | <1   |
| AQ374     | 714853,734440           | 34.4   | 14.7             | 10.5              | <1   |
| AQ375     | 715695,736814           | 24.0   | 14.6             | 10.4              | <1   |
| AQ376     | 715503,737018           | 23.2   | 14.5             | 10.3              | <1   |
| AQ377     | 715494,737000           | 21.9   | 14.3             | 10.2              | 1  |
| AQ378     | 715828,736777           | 23.2   | 14.5             | 10.3              | <1   |
| AQ379     | 715831,736757           | 22.4   | 14.3             | 10.2              | <1   |
| AQ380     | 715818,736759           | 22.3   | 14.3             | 10.2              | <1   |
| AQ381     | 714961,735923           | 47.6   | 17.6             | 12.4              | 1  |
| AQ382     | 714983,735876           | 46.2   | 17.4             | 12.3              | 1  |
| AQ383     | 714948,735892           | 44.7   | 17.1             | 12.1              | 1  |
| AQ384     | 714980,735923           | 52.5   | 18.4             | 12.9              | 2  |

## 2. Construction Phase

### 2.1 'Do Minimum' Scenario

The Do Minimum (DM) modelling scenario has been modelled using AMDS-Roads for the Construction Year (2024). Predicted annual mean concentrations of NO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub> and the number of exceedances of the 24 hour PM<sub>10</sub> objective, at all modelled existing air quality sensitive receptors in the 2024 DM scenario are listed in Table 2.1.

**Table 2.1: Predicted Do Minimum Construction Pollutant Statistics At All Modelled Receptor Locations**

| DM (2024) |                         |  |                  |                   |                                       |
|-----------|-------------------------|--|------------------|-------------------|---------------------------------------|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. (µg/m <sup>3</sup> ) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |
|           |                         | NO <sub>2</sub>                        | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |
| AQ1       | 715367,737143           | 28.1                                   | 15.0             | 10.7              | <1                                    |
| AQ2       | 715405,737202           | 25.5                                   | 14.7             | 10.4              | <1                                    |
| AQ3       | 715087,736553           | 39.5                                   | 16.8             | 11.7              | 1                                     |
| AQ4       | 715079,736527           | 38.9                                   | 16.7             | 11.7              | 1                                     |
| AQ5       | 715066,736570           | 42.4                                   | 17.3             | 12.0              | 1                                     |
| AQ6       | 715013,736516           | 41.5                                   | 17.0             | 11.9              | 1                                     |
| AQ7       | 715127,736243           | 23.0                                   | 14.4             | 10.3              | <1                                    |
| AQ8       | 714992,736243           | 35.8                                   | 16.1             | 11.3              | 1                                     |
| AQ9       | 715019,736244           | 47.2                                   | 17.9             | 12.5              | 2                                     |
| AQ10      | 714997,736266           | 37.2                                   | 16.3             | 11.4              | 1                                     |
| AQ11      | 715036,736390           | 53.9                                   | 17.2             | 12.0              | 1                                     |
| AQ12      | 715005,736359           | 42.0                                   | 16.1             | 11.3              | 1                                     |
| AQ13      | 715043,736434           | 48.5                                   | 16.9             | 11.9              | 1                                     |
| AQ14      | 715039,736413           | 52.4                                   | 17.1             | 12.0              | 1                                     |
| AQ15      | 715042,736487           | 46.5                                   | 17.4             | 12.1              | 1                                     |
| AQ16      | 715031,736487           | 46.5                                   | 17.2             | 12.0              | 1                                     |
| AQ17      | 715063,736482           | 46.7                                   | 17.5             | 12.2              | 1                                     |
| AQ18      | 715013,736478           | 40.1                                   | 16.3             | 11.4              | 1                                     |
| AQ19      | 715007,736458           | 36.7                                   | 15.8             | 11.1              | 1                                     |
| AQ20      | 714991,734794           | 24.9                                   | 14.7             | 10.5              | <1                                    |
| AQ21      | 714973,734731           | 47.7                                   | 18.6             | 12.9              | 2                                     |
| AQ22      | 715015,734796           | 24.6                                   | 14.7             | 10.4              | <1                                    |
| AQ23      | 715042,734747           | 48.2                                   | 18.9             | 13.0              | 2                                     |
| AQ24      | 715021,734710           | 43.1                                   | 17.7             | 12.3              | 1                                     |
| AQ25      | 714966,734791           | 26.4                                   | 14.9             | 10.6              | <1                                    |
| AQ26      | 714967,734805           | 25.9                                   | 14.9             | 10.5              | <1                                    |
| AQ27      | 714963,734840           | 26.2                                   | 14.9             | 10.6              | <1                                    |
| AQ28      | 714879,734648           | 46.9                                   | 18.3             | 12.7              | 2                                     |
| AQ29      | 714933,734823           | 35.8                                   | 16.3             | 11.4              | 1                                     |
| AQ30      | 714962,734854           | 25.7                                   | 14.8             | 10.5              | <1                                    |
| AQ31      | 714922,734731           | 39.4                                   | 17.0             | 11.8              | 1                                     |
| AQ32      | 714879,734757           | 39.5                                   | 16.7             | 11.7              | 1                                     |

| DM (2024) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ33      | 714886,734787           | 40.5   | 16.8             | 11.8              | 1  |
| AQ34      | 714868,734720           | 57.4   | 19.8             | 13.6              | 3  |
| AQ35      | 714934,734702           | 37.9   | 16.8             | 11.7              | 1  |
| AQ36      | 714861,734526           | 39.3   | 16.9             | 11.8              | 1  |
| AQ37      | 715081,734346           | 30.4   | 15.3             | 10.8              | <1   |
| AQ38      | 715098,734328           | 23.5   | 14.5             | 10.3              | <1   |
| AQ39      | 714878,734543           | 47.2   | 18.3             | 12.7              | 2  |
| AQ40      | 714855,734461           | 34.4   | 16.0             | 11.3              | 1  |
| AQ41      | 714882,734463           | 38.8   | 16.6             | 11.7              | 1  |
| AQ42      | 715090,734382           | 24.0   | 14.5             | 10.3              | <1   |
| AQ43      | 714878,734485           | 49.7   | 18.5             | 12.8              | 2  |
| AQ44      | 714879,734603           | 45.2   | 17.9             | 12.4              | 2  |
| AQ45      | 714879,734636           | 46.1   | 18.1             | 12.5              | 2  |
| AQ46      | 715040,734582           | 24.1   | 14.6             | 10.4              | <1   |
| AQ47      | 715054,734524           | 24.4   | 14.6             | 10.4              | <1   |
| AQ48      | 715014,734688           | 31.9   | 15.8             | 11.1              | 1  |
| AQ49      | 714852,734429           | 37.0   | 16.4             | 11.5              | 1  |
| AQ50      | 714829,734297           | 41.6   | 17.0             | 11.8              | 1  |
| AQ51      | 714813,734240           | 61.0   | 18.7             | 13.0              | 2  |
| AQ52      | 714862,734650           | 36.9   | 16.5             | 11.6              | 1  |
| AQ53      | 714930,735661           | 39.0   | 16.8             | 11.7              | 1  |
| AQ54      | 715025,735693           | 22.4   | 14.3             | 10.2              | <1   |
| AQ55      | 714934,735443           | 35.6   | 16.6             | 11.6              | 1  |
| AQ56      | 714921,735579           | 35.3   | 16.4             | 11.5              | 1  |
| AQ57      | 714941,735567           | 37.3   | 16.8             | 11.7              | 1  |
| AQ58      | 714924,735634           | 34.4   | 16.2             | 11.3              | 1  |
| AQ59      | 714995,735557           | 22.0   | 14.3             | 10.2              | <1   |
| AQ60      | 714940,735556           | 37.4   | 16.9             | 11.8              | 1  |
| AQ61      | 715006,735602           | 22.0   | 14.3             | 10.2              | <1   |
| AQ62      | 714948,735651           | 37.8   | 16.8             | 11.7              | 1  |
| AQ63      | 714947,735623           | 36.2   | 16.5             | 11.5              | 1  |
| AQ64      | 714951,735075           | 29.8   | 15.4             | 10.9              | <1   |
| AQ65      | 715013,735172           | 23.4   | 14.5             | 10.3              | <1   |
| AQ66      | 714947,735276           | 32.6   | 16.0             | 11.2              | 1  |
| AQ67      | 714919,735282           | 30.8   | 15.7             | 11.0              | 1  |
| AQ68      | 715021,735319           | 22.2   | 14.3             | 10.2              | <1   |
| AQ69      | 714983,735335           | 22.5   | 14.4             | 10.2              | <1   |
| AQ70      | 714939,735355           | 36.7   | 16.8             | 11.7              | 1  |
| AQ71      | 714909,735428           | 31.7   | 15.9             | 11.2              | 1  |
| AQ72      | 714988,735422           | 22.1   | 14.3             | 10.2              | <1   |
| AQ73      | 715021,735364           | 21.9   | 14.3             | 10.2              | <1   |

| DM (2024) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ74      | 714941,735350           | 35.5   | 16.6             | 11.6              | 1  |
| AQ75      | 714984,735349           | 22.4   | 14.4             | 10.2              | <1   |
| AQ76      | 714909,735447           | 32.4   | 16.1             | 11.2              | 1  |
| AQ77      | 715293,737083           | 24.4   | 14.6             | 10.4              | <1   |
| AQ78      | 715177,737114           | 22.2   | 14.3             | 10.2              | <1   |
| AQ79      | 715163,737145           | 22.0   | 14.3             | 10.2              | <1   |
| AQ80      | 715144,737111           | 21.5   | 14.2             | 10.1              | 1  |
| AQ81      | 715290,737211           | 22.9   | 14.4             | 10.2              | <1   |
| AQ82      | 715347,737160           | 25.7   | 14.7             | 10.5              | <1   |
| AQ83      | 714970,736162           | 38.3   | 16.5             | 11.5              | 1  |
| AQ84      | 714955,736106           | 39.0   | 16.5             | 11.5              | 1  |
| AQ85      | 714989,736233           | 39.5   | 16.7             | 11.7              | 1  |
| AQ86      | 714973,736173           | 34.3   | 15.9             | 11.2              | 1  |
| AQ87      | 715004,736160           | 38.3   | 16.4             | 11.5              | 1  |
| AQ88      | 715112,736223           | 23.1   | 14.4             | 10.3              | <1   |
| AQ89      | 715137,736797           | 24.8   | 14.7             | 10.4              | <1   |
| AQ90      | 715162,736781           | 26.0   | 14.8             | 10.5              | <1   |
| AQ91      | 715141,736805           | 25.0   | 14.7             | 10.4              | <1   |
| AQ92      | 715168,736799           | 25.9   | 14.8             | 10.5              | <1   |
| AQ93      | 715173,736886           | 25.5   | 14.7             | 10.5              | <1   |
| AQ94      | 715231,736947           | 26.8   | 14.9             | 10.6              | <1   |
| AQ95      | 715198,736881           | 26.6   | 14.9             | 10.5              | <1   |
| AQ96      | 715201,736958           | 24.2   | 14.6             | 10.3              | <1   |
| AQ97      | 715253,737014           | 24.6   | 14.6             | 10.4              | <1   |
| AQ98      | 715233,736996           | 24.4   | 14.6             | 10.4              | <1   |
| AQ99      | 715217,737019           | 23.9   | 14.5             | 10.3              | <1   |
| AQ100     | 715208,736990           | 23.4   | 14.5             | 10.3              | <1   |
| AQ101     | 715331,737143           | 24.6   | 14.6             | 10.4              | <1   |
| AQ102     | 715194,737012           | 22.5   | 14.3             | 10.2              | <1   |
| AQ103     | 715254,736967           | 25.1   | 14.7             | 10.4              | <1   |
| AQ104     | 714985,736585           | 48.0   | 18.2             | 12.6              | 2  |
| AQ105     | 714971,736562           | 33.9   | 15.9             | 11.2              | 1  |
| AQ106     | 715104,736604           | 41.8   | 16.7             | 11.7              | 1  |
| AQ107     | 715073,736602           | 39.7   | 16.5             | 11.5              | 1  |
| AQ108     | 715094,736577           | 42.5   | 17.1             | 12.0              | 1  |
| AQ109     | 715079,736628           | 54.7   | 18.4             | 12.8              | 2  |
| AQ110     | 715037,736623           | 43.0   | 17.2             | 12.0              | 1  |
| AQ111     | 714922,736655           | 31.7   | 15.8             | 11.1              | 1  |
| AQ112     | 714935,736628           | 31.7   | 15.8             | 11.1              | 1  |
| AQ113     | 714908,736683           | 33.0   | 16.0             | 11.2              | 1  |
| AQ114     | 714932,736700           | 37.9   | 16.8             | 11.7              | 1  |

| DM (2024) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ115     | 714942,736675           | 40.2   | 17.3             | 12.0              | 1  |
| AQ116     | 714871,736757           | 24.6   | 14.7             | 10.4              | <1   |
| AQ117     | 714755,736779           | 23.9   | 14.6             | 10.4              | <1   |
| AQ118     | 714867,736710           | 23.6   | 14.6             | 10.3              | <1   |
| AQ119     | 715101,736694           | 26.3   | 14.9             | 10.5              | <1   |
| AQ120     | 715086,735971           | 27.0   | 14.9             | 10.5              | <1   |
| AQ121     | 715093,736100           | 23.4   | 14.5             | 10.3              | <1   |
| AQ122     | 714979,736090           | 43.0   | 16.6             | 11.6              | 1  |
| AQ123     | 714979,735962           | 43.2   | 17.3             | 12.0              | 1  |
| AQ124     | 715071,736007           | 24.5   | 14.6             | 10.4              | <1   |
| AQ125     | 715067,736024           | 23.9   | 14.5             | 10.3              | <1   |
| AQ126     | 714973,736042           | 52.5   | 18.8             | 13.0              | 2  |
| AQ127     | 714961,735948           | 41.0   | 16.9             | 11.8              | 1  |
| AQ128     | 714987,736629           | 39.1   | 16.9             | 11.8              | 1  |
| AQ129     | 715001,736510           | 35.5   | 16.1             | 11.3              | 1  |
| AQ130     | 714982,735770           | 44.1   | 17.4             | 12.1              | 1  |
| AQ131     | 715040,735787           | 23.1   | 14.4             | 10.3              | <1   |
| AQ132     | 714977,735755           | 38.1   | 16.5             | 11.6              | 1  |
| AQ133     | 714965,735877           | 41.2   | 16.9             | 11.8              | 1  |
| AQ134     | 714984,735852           | 41.1   | 16.9             | 11.8              | 1  |
| AQ135     | 714996,735909           | 53.4   | 18.6             | 12.9              | 2  |
| AQ136     | 714949,735909           | 50.5   | 18.2             | 12.6              | 2  |
| AQ137     | 715060,735903           | 31.3   | 15.4             | 10.9              | <1   |
| AQ138     | 715056,735882           | 27.6   | 15.0             | 10.6              | <1   |
| AQ139     | 714996,735890           | 46.8   | 17.6             | 12.3              | 1  |
| AQ140     | 715091,735902           | 37.5   | 16.2             | 11.4              | 1  |
| AQ141     | 714933,735676           | 43.4   | 17.1             | 11.9              | 1  |
| AQ142     | 714955,735674           | 42.4   | 16.9             | 11.8              | 1  |
| AQ143     | 714966,735785           | 35.7   | 16.2             | 11.3              | 1  |
| AQ144     | 714953,735742           | 41.4   | 17.0             | 11.9              | 1  |
| AQ145     | 714983,735786           | 38.9   | 16.6             | 11.6              | 1  |
| AQ146     | 714935,734960           | 30.7   | 15.6             | 11.0              | 1  |
| AQ147     | 714956,734916           | 45.1   | 18.1             | 12.5              | 2  |
| AQ148     | 714922,734916           | 3<0.1  | 15.5             | 10.9              | 1  |
| AQ149     | 714472,736949           | 22.8   | 14.4             | 10.3              | <1   |
| AQ150     | 714313,737120           | 23.3   | 14.5             | 10.3              | <1   |
| AQ151     | 715434,738674           | 26.1   | 15.0             | 10.6              | <1   |
| AQ152     | 715372,738863           | 23.3   | 14.5             | 10.3              | <1   |
| AQ153     | 715383,738759           | 23.3   | 14.5             | 10.3              | <1   |
| AQ154     | 715384,738655           | 23.2   | 14.5             | 10.3              | <1   |
| AQ155     | 715476,737643           | 26.2   | 14.9             | 10.5              | <1   |



| DM (2024) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ156     | 715481,737594           | 24.0   | 14.6             | 10.4              | <1   |
| AQ157     | 715481,737594           | 24.0   | 14.6             | 10.4              | <1   |
| AQ158     | 715433,737920           | 28.0   | 15.0             | 10.7              | <1   |
| AQ159     | 715447,737859           | 25.6   | 14.7             | 10.5              | <1   |
| AQ160     | 715444,737620           | 23.7   | 14.5             | 10.3              | <1   |
| AQ161     | 715438,737675           | 23.2   | 14.5             | 10.3              | <1   |
| AQ162     | 715451,737821           | 25.4   | 14.7             | 10.5              | <1   |
| AQ163     | 715464,737747           | 25.6   | 14.7             | 10.4              | <1   |
| AQ164     | 715467,737724           | 25.8   | 14.7             | 10.5              | <1   |
| AQ165     | 715404,738140           | 25.4   | 14.8             | 10.5              | <1   |
| AQ166     | 715404,738108           | 25.8   | 14.8             | 10.5              | <1   |
| AQ167     | 715360,738284           | 24.8   | 14.8             | 10.5              | <1   |
| AQ168     | 715372,738462           | 24.3   | 14.7             | 10.4              | <1   |
| AQ169     | 715357,738177           | 25.1   | 14.8             | 10.5              | <1   |
| AQ170     | 715194,737262           | 21.6   | 14.2             | 10.1              | 1  |
| AQ171     | 715236,737223           | 22.0   | 14.3             | 10.2              | 1  |
| AQ172     | 715175,737516           | 23.4   | 14.5             | 10.3              | <1   |
| AQ173     | 715178,737488           | 21.7   | 14.3             | 10.2              | 1  |
| AQ174     | 715190,737457           | 22.2   | 14.3             | 10.2              | <1   |
| AQ175     | 715277,737200           | 22.2   | 14.3             | 10.2              | <1   |
| AQ176     | 715218,737212           | 22.2   | 14.3             | 10.2              | <1   |
| AQ177     | 715202,737773           | 21.7   | 14.3             | 10.2              | 1  |
| AQ178     | 715342,737941           | 26.7   | 14.9             | 10.6              | <1   |
| AQ179     | 715315,737902           | 24.3   | 14.6             | 10.4              | <1   |
| AQ180     | 715275,737837           | 22.0   | 14.3             | 10.2              | 1  |
| AQ181     | 715269,737897           | 22.4   | 14.3             | 10.2              | <1   |
| AQ182     | 715382,737333           | 23.1   | 14.5             | 10.3              | <1   |
| AQ183     | 715451,737821           | 25.4   | 14.7             | 10.5              | <1   |
| AQ184     | 715428,737722           | 23.2   | 14.4             | 10.3              | <1   |
| AQ185     | 715426,737732           | 23.2   | 14.4             | 10.3              | <1   |
| AQ186     | 715415,737814           | 23.5   | 14.5             | 10.3              | <1   |
| AQ187     | 715364,737295           | 22.4   | 14.4             | 10.2              | <1   |
| AQ188     | 715363,738002           | 25.7   | 14.8             | 10.5              | <1   |
| AQ189     | 715429,737551           | 23.3   | 14.5             | 10.3              | <1   |
| AQ190     | 715405,737461           | 22.9   | 14.4             | 10.3              | <1   |
| AQ191     | 715401,737878           | 24.7   | 14.6             | 10.4              | <1   |
| AQ192     | 715387,737927           | 27.2   | 14.9             | 10.6              | <1   |
| AQ193     | 715382,737998           | 25.3   | 14.7             | 10.4              | <1   |
| AQ194     | 715391,737396           | 22.9   | 14.5             | 10.3              | <1   |
| AQ195     | 715416,738010           | 25.9   | 14.8             | 10.5              | <1   |
| AQ196     | 715410,740446           | 25.9   | 14.9             | 10.5              | <1   |

| DM (2024) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ197     | 715385,740597           | 25.7   | 14.9             | 10.5              | <1   |
| AQ198     | 715403,740362           | 24.0   | 14.6             | 10.4              | <1   |
| AQ199     | 715130,737642           | 22.5   | 14.4             | 10.2              | <1   |
| AQ200     | 715231,737459           | 21.7   | 14.3             | 10.2              | 1  |
| AQ201     | 715226,737338           | 22.0   | 14.3             | 10.2              | 1  |
| AQ202     | 715221,737400           | 22.3   | 14.3             | 10.2              | <1   |
| AQ203     | 715191,737420           | 21.6   | 14.2             | 10.1              | 1  |
| AQ204     | 715182,737371           | 21.3   | 14.2             | 10.1              | 1  |
| AQ205     | 715114,737548           | 22.3   | 14.3             | 10.2              | <1   |
| AQ206     | 715153,737684           | 21.8   | 14.3             | 10.2              | 1  |
| AQ207     | 715502,739359           | 25.3   | 14.9             | 10.5              | <1   |
| AQ208     | 715408,739100           | 27.7   | 15.1             | 10.7              | <1   |
| AQ209     | 715493,739262           | 25.7   | 15.0             | 10.6              | <1   |
| AQ210     | 715368,738953           | 24.0   | 14.6             | 10.4              | <1   |
| AQ211     | 715434,739035           | 26.8   | 15.0             | 10.6              | <1   |
| AQ212     | 715452,739042           | 25.7   | 14.8             | 10.5              | <1   |
| AQ213     | 715416,738981           | 26.4   | 15.0             | 10.6              | <1   |
| AQ214     | 713910,737756           | 23.3   | 14.5             | 10.3              | <1   |
| AQ215     | 713962,737748           | 28.0   | 15.2             | 10.7              | <1   |
| AQ216     | 713991,737518           | 22.8   | 14.4             | 10.3              | <1   |
| AQ217     | 713176,738821           | 28.3   | 15.2             | 10.8              | <1   |
| AQ218     | 713196,738843           | 28.0   | 15.2             | 10.7              | <1   |
| AQ219     | 713839,738020           | 22.8   | 14.4             | 10.3              | <1   |
| AQ220     | 713797,738159           | 23.5   | 14.6             | 10.3              | <1   |
| AQ221     | 713742,738142           | 22.2   | 14.4             | 10.2              | <1   |
| AQ222     | 713329,738634           | 23.9   | 14.7             | 10.4              | <1   |
| AQ223     | 713049,738954           | 22.7   | 14.4             | 10.3              | <1   |
| AQ224     | 715314,737046           | 24.0   | 14.5             | 10.3              | <1   |
| AQ225     | 715359,737115           | 24.9   | 14.6             | 10.4              | <1   |
| AQ226     | 715433,739637           | 24.4   | 14.6             | 10.4              | <1   |
| AQ227     | 714782,734168           | 47.1   | 17.8             | 12.3              | 1  |
| AQ228     | 714806,734148           | 51.5   | 18.5             | 12.8              | 2  |
| AQ229     | 714790,734058           | 52.0   | 18.7             | 12.9              | 2  |
| AQ230     | 714768,734036           | 46.7   | 17.7             | 12.1              | 1  |
| AQ231     | 714815,733986           | 42.0   | 17.4             | 12.0              | 1  |
| AQ232     | 714898,733940           | 36.5   | 16.3             | 11.4              | 1  |
| AQ233     | 714868,733938           | 36.8   | 16.2             | 11.2              | 1  |
| AQ234     | 715040,733934           | 44.4   | 17.5             | 12.2              | 1  |
| AQ235     | 714960,733960           | 41.2   | 17.0             | 11.9              | 1  |
| AQ236     | 715087,733873           | 38.2   | 16.5             | 11.6              | 1  |
| AQ237     | 714703,734262           | 54.4   | 19.7             | 13.5              | 3  |

| DM (2024) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ238     | 714716,734342           | 24.7   | 14.6             | 10.4              | <1   |
| AQ239     | 714723,734337           | 24.7   | 14.7             | 10.4              | <1   |
| AQ240     | 714735,734416           | 24.8   | 14.6             | 10.4              | <1   |
| AQ241     | 714738,734493           | 23.1   | 14.4             | 10.3              | <1   |
| AQ242     | 714793,734626           | 25.5   | 14.8             | 10.5              | <1   |
| AQ243     | 714777,734605           | 24.4   | 14.6             | 10.4              | <1   |
| AQ244     | 714796,734634           | 26.3   | 14.9             | 10.5              | <1   |
| AQ245     | 714770,734550           | 23.9   | 14.6             | 10.3              | <1   |
| AQ246     | 714947,734693           | 35.6   | 16.3             | 11.4              | 1  |
| AQ247     | 714953,734491           | 25.6   | 14.7             | 10.5              | <1   |
| AQ248     | 714951,734470           | 24.4   | 14.6             | 10.4              | <1   |
| AQ249     | 714958,734578           | 24.0   | 14.6             | 10.4              | <1   |
| AQ250     | 715173,734810           | 41.8   | 17.3             | 11.5              | 1  |
| AQ251     | 715149,734779           | 38.5   | 16.9             | 11.6              | 1  |
| AQ252     | 715114,734778           | 40.1   | 17.3             | 11.9              | 1  |
| AQ253     | 714712,734756           | 29.5   | 15.4             | 10.9              | <1   |
| AQ254     | 714707,734771           | 32.7   | 16.0             | 11.2              | 1  |
| AQ255     | 714517,734365           | 38.9   | 16.3             | 11.4              | 1  |
| AQ256     | 714507,734382           | 35.1   | 16.0             | 11.2              | 1  |
| AQ257     | 714516,734462           | 31.5   | 15.6             | 11.0              | 1  |
| AQ258     | 714522,734505           | 32.9   | 15.9             | 11.1              | 1  |
| AQ259     | 714538,734639           | 42.3   | 17.5             | 12.1              | 1  |
| AQ260     | 714540,734541           | 37.2   | 16.6             | 11.6              | 1  |
| AQ261     | 714663,734669           | 34.6   | 16.2             | 11.4              | 1  |
| AQ262     | 714575,734672           | 36.8   | 16.5             | 11.6              | 1  |
| AQ263     | 714676,734657           | 30.7   | 15.6             | 11.0              | 1  |
| AQ264     | 714671,734746           | 29.4   | 15.4             | 10.9              | <1   |
| AQ265     | 714662,734762           | 32.3   | 15.9             | 11.2              | 1  |
| AQ266     | 714404,734696           | 39.2   | 16.8             | 11.7              | 1  |
| AQ267     | 714410,734682           | 34.1   | 16.2             | 11.2              | 1  |
| AQ268     | 714392,734685           | 32.2   | 15.8             | 11.0              | 1  |
| AQ269     | 714399,734732           | 42.6   | 17.1             | 11.9              | 1  |
| AQ270     | 714339,734787           | 31.3   | 15.6             | 11.0              | 1  |
| AQ271     | 714344,734781           | 31.3   | 15.6             | 11.0              | 1  |
| AQ272     | 714379,734734           | 33.9   | 15.9             | 11.1              | 1  |
| AQ273     | 714292,734856           | 29.6   | 15.4             | 10.8              | <1   |
| AQ274     | 714346,734806           | 37.7   | 16.5             | 11.6              | 1  |
| AQ275     | 714259,734954           | 34.1   | 16.0             | 11.3              | 1  |
| AQ276     | 714232,734942           | 29.6   | 15.4             | 10.8              | <1   |
| AQ277     | 714238,734930           | 31.5   | 15.6             | 11.0              | 1  |
| AQ278     | 714216,735009           | 33.0   | 15.8             | 11.1              | 1  |

| DM (2024) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ279     | 714191,734990           | 3<0.1  | 15.4             | 10.9              | <1   |
| AQ280     | 714254,734966           | 38.1   | 16.7             | 11.7              | 1  |
| AQ281     | 714176,735042           | 42.6   | 17.1             | 11.9              | 1  |
| AQ282     | 714134,735080           | 34.3   | 15.9             | 11.2              | 1  |
| AQ283     | 714121,735080           | 30.3   | 15.4             | 10.9              | <1   |
| AQ284     | 714021,735211           | 34.1   | 16.1             | 11.3              | 1  |
| AQ285     | 714028,735223           | 42.8   | 17.6             | 12.2              | 1  |
| AQ286     | 714012,735224           | 28.4   | 15.3             | 10.8              | <1   |
| AQ287     | 713935,735463           | 48.1   | 17.2             | 11.9              | 1  |
| AQ288     | 713913,735489           | 48.9   | 17.3             | 12.1              | 1  |
| AQ289     | 713973,735329           | 35.8   | 16.4             | 11.5              | 1  |
| AQ290     | 714818,735878           | 25.8   | 14.8             | 10.5              | <1   |
| AQ291     | 714676,735906           | 25.5   | 14.9             | 10.5              | <1   |
| AQ292     | 715709,735720           | 51.8   | 18.1             | 12.2              | 2  |
| AQ293     | 715700,735702           | 45.4   | 17.3             | 11.9              | 1  |
| AQ294     | 715682,735736           | 44.5   | 17.2             | 11.6              | 1  |
| AQ295     | 715667,735718           | 40.7   | 16.7             | 11.5              | 1  |
| AQ296     | 715727,735815           | 52.7   | 18.5             | 11.9              | 2  |
| AQ297     | 715744,735788           | 47.6   | 17.7             | 11.4              | 1  |
| AQ298     | 715756,735810           | 46.5   | 17.7             | 11.4              | 1  |
| AQ299     | 715718,735803           | 48.2   | 17.8             | 11.6              | 1  |
| AQ300     | 715799,735893           | 45.9   | 17.7             | 11.3              | 1  |
| AQ301     | 715769,735905           | 45.2   | 17.5             | 11.3              | 1  |
| AQ302     | 715775,735917           | 41.1   | 16.9             | 11.1              | 1  |
| AQ303     | 715814,735918           | 46.9   | 17.6             | 11.3              | 1  |
| AQ304     | 715818,735992           | 43.7   | 17.2             | 11.1              | 1  |
| AQ305     | 715846,735982           | 47.3   | 17.8             | 11.3              | 1  |
| AQ306     | 715843,736047           | 52.2   | 18.8             | 12.1              | 2  |
| AQ307     | 715872,736028           | 45.9   | 17.7             | 11.5              | 1  |
| AQ308     | 715719,736094           | 26.5   | 14.9             | 10.4              | <1   |
| AQ309     | 715702,736101           | 25.3   | 14.8             | 10.4              | <1   |
| AQ310     | 715776,736219           | 26.0   | 14.8             | 10.4              | <1   |
| AQ311     | 715759,736226           | 25.7   | 14.8             | 10.4              | <1   |
| AQ312     | 715784,736236           | 26.1   | 14.8             | 10.4              | <1   |
| AQ313     | 715771,736252           | 26.2   | 14.8             | 10.4              | <1   |
| AQ314     | 715822,736361           | 23.5   | 14.5             | 10.2              | <1   |
| AQ315     | 715840,736353           | 23.5   | 14.5             | 10.2              | <1   |
| AQ316     | 715616,736364           | 25.5   | 14.7             | 10.5              | <1   |
| AQ317     | 715623,736322           | 25.1   | 14.7             | 10.4              | <1   |
| AQ318     | 715613,736350           | 24.4   | 14.6             | 10.4              | <1   |
| AQ319     | 715635,736434           | 22.7   | 14.4             | 10.2              | <1   |

| DM (2024) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ320     | 715370,736516           | 23.7   | 14.5             | 10.3              | <1   |
| AQ321     | 715389,736493           | 22.6   | 14.4             | 10.2              | <1   |
| AQ322     | 715369,736493           | 22.7   | 14.4             | 10.2              | <1   |
| AQ323     | 715391,736518           | 23.2   | 14.4             | 10.2              | <1   |
| AQ324     | 715471,736389           | 22.8   | 14.4             | 10.2              | <1   |
| AQ325     | 715056,736459           | 47.3   | 17.2             | 12.0              | 1  |
| AQ326     | 715249,736428           | 24.5   | 14.6             | 10.4              | <1   |
| AQ327     | 715248,736406           | 23.3   | 14.4             | 10.3              | <1   |
| AQ328     | 715200,736539           | 24.6   | 14.6             | 10.4              | <1   |
| AQ329     | 715192,736521           | 23.5   | 14.5             | 10.3              | <1   |
| AQ330     | 714753,736291           | 22.7   | 14.4             | 10.2              | <1   |
| AQ331     | 714757,736304           | 22.6   | 14.4             | 10.2              | <1   |
| AQ332     | 714737,736303           | 21.8   | 14.3             | 10.1              | 1  |
| AQ333     | 714887,734697           | 42.6   | 17.3             | 12.1              | 1  |
| AQ334     | 714918,734776           | 37.9   | 16.5             | 11.6              | 1  |
| AQ335     | 714920,734871           | 34.0   | 16.1             | 11.3              | 1  |
| AQ336     | 715161,734821           | 40.1   | 17.1             | 11.4              | 1  |
| AQ337     | 715050,734723           | 38.4   | 17.0             | 11.8              | 1  |
| AQ338     | 715051,734749           | 40.3   | 17.4             | 12.0              | 1  |
| AQ339     | 715094,734741           | 38.4   | 16.9             | 11.8              | 1  |
| AQ340     | 715098,736591           | 42.3   | 16.9             | 11.8              | 1  |
| AQ341     | 713864,738074           | 24.1   | 14.6             | 10.4              | <1   |
| AQ342     | 712749,739812           | 27.8   | 15.3             | 10.8              | <1   |
| AQ343     | 712613,739799           | 22.7   | 14.4             | 10.3              | <1   |
| AQ344     | 712753,739720           | 24.6   | 14.8             | 10.5              | <1   |
| AQ345     | 715026,734392           | 23.2   | 14.4             | 10.3              | <1   |
| AQ346     | 714997,734396           | 23.9   | 14.5             | 10.3              | <1   |
| AQ347     | 714828,734792           | 24.6   | 14.6             | 10.4              | <1   |
| AQ348     | 715093,734269           | 24.6   | 14.6             | 10.4              | <1   |
| AQ349     | 714999,736553           | 32.2   | 15.7             | 11.1              | 1  |
| AQ350     | 712507,739809           | 20.6   | 14.1             | 10.1              | 1  |
| AQ351     | 714745,734486           | 23.4   | 14.5             | 10.3              | <1   |
| AQ352     | 715510,740236           | 27.9   | 15.3             | 10.8              | <1   |
| AQ353     | 715191,735865           | 3<0.1  | 15.3             | 10.8              | <1   |
| AQ354     | 714829,734740           | 31.7   | 15.7             | 11.0              | 1  |
| AQ355     | 714829,734774           | 25.8   | 14.8             | 10.5              | <1   |
| AQ356     | 715571,737454           | 23.2   | 14.5             | 10.3              | <1   |
| AQ357     | 715238,737251           | 22.8   | 14.4             | 10.2              | <1   |
| AQ358     | 715309,737551           | 21.0   | 14.2             | 10.1              | 1  |
| AQ359     | 715213,737647           | 20.9   | 14.2             | 10.1              | 1  |
| AQ360     | 715472,737544           | 29.1   | 15.3             | 10.8              | <1   |

| DM (2024) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ361     | 713269,739047           | 24.9   | 14.7             | 10.4              | <1   |
| AQ362     | 715655,738657           | 20.8   | 14.2             | 10.1              | 1  |
| AQ363     | 714840,736724           | 23.3   | 14.5             | 10.3              | <1   |
| AQ364     | 715306,737965           | 24.8   | 14.7             | 10.4              | <1   |
| AQ365     | 715330,738134           | 22.4   | 14.4             | 10.2              | <1   |
| AQ366     | 715193,737898           | 21.4   | 14.2             | 10.1              | 1  |
| AQ367     | 715005,737589           | 21.0   | 14.2             | 10.1              | 1  |
| AQ368     | 713655,738228           | 23.3   | 14.5             | 10.3              | <1   |
| AQ369     | 713028,738778           | 22.1   | 14.4             | 10.2              | <1   |
| AQ370     | 715358,738994           | 22.7   | 14.4             | 10.3              | <1   |
| AQ371     | 715430,739469           | 22.3   | 14.4             | 10.2              | <1   |
| AQ372     | 715520,739462           | 22.9   | 14.5             | 10.3              | <1   |
| AQ373     | 714738,734460           | 23.6   | 14.5             | 10.3              | <1   |
| AQ374     | 714853,734440           | 25.2   | 14.7             | 10.4              | <1   |
| AQ375     | 715695,736814           | 24.3   | 14.6             | 10.4              | <1   |
| AQ376     | 715503,737018           | 23.3   | 14.5             | 10.3              | <1   |
| AQ377     | 715494,737000           | 21.9   | 14.3             | 10.2              | 1  |
| AQ378     | 715828,736777           | 23.4   | 14.5             | 10.3              | <1   |
| AQ379     | 715831,736757           | 22.6   | 14.4             | 10.2              | <1   |
| AQ380     | 715818,736759           | 22.4   | 14.3             | 10.2              | <1   |
| AQ381     | 714961,735923           | 46.2   | 17.6             | 12.3              | 1  |
| AQ382     | 714983,735876           | 44.6   | 17.4             | 12.1              | 1  |
| AQ383     | 714948,735892           | 43.3   | 17.1             | 11.9              | 1  |
| AQ384     | 714980,735923           | 50.9   | 18.4             | 12.7              | 2  |

## 2.2 ‘Do Something’ Scenario

The Do Something (DS) modelling scenario has been modelled using AMDS-Roads for the Construction Year (2024). Predicted annual mean concentrations of NO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub> and the number of exceedances of the 24 hour PM<sub>10</sub> objective, at selected worst-case existing air quality sensitive receptors in the 2024 DS scenario are listed in Table 2.2.

**Table 2.2: Predicted Do Something Construction Scenario Pollutant Statistics At All Modelled Receptor Locations**

| DS (2024)               |                         |                         |                  |                   |                                       |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |
| AQ1                     | 715367,737143           | 27.2                    | 14.9             | 10.6              | <1                                    |
| AQ2                     | 715405,737202           | 24.3                    | 14.6             | 10.4              | <1                                    |
| AQ3                     | 715087,736553           | 37.5                    | 16.2             | 11.4              | 1                                     |
| AQ4                     | 715079,736527           | 36.3                    | 16.1             | 11.3              | 1                                     |
| AQ5                     | 715066,736570           | 41.6                    | 16.5             | 11.6              | 1                                     |
| AQ6                     | 715013,736516           | 34.9                    | 16.1             | 11.3              | 1                                     |
| AQ7                     | 715127,736243           | 22.8                    | 14.4             | 10.2              | <1                                    |
| AQ8                     | 714992,736243           | 32.5                    | 15.7             | 11.1              | 1                                     |
| AQ9                     | 715019,736244           | 41.6                    | 17.2             | 12.0              | 1                                     |
| AQ10                    | 714997,736266           | 33.6                    | 15.9             | 11.2              | 1                                     |
| AQ11                    | 715036,736390           | 47.9                    | 16.8             | 11.8              | 1                                     |
| AQ12                    | 715005,736359           | 37.9                    | 15.8             | 11.2              | 1                                     |
| AQ13                    | 715043,736434           | 41.9                    | 16.5             | 11.6              | 1                                     |
| AQ14                    | 715039,736413           | 46.1                    | 16.7             | 11.7              | 1                                     |
| AQ15                    | 715042,736487           | 39.7                    | 16.6             | 11.6              | 1                                     |
| AQ16                    | 715031,736487           | 38.1                    | 16.4             | 11.5              | 1                                     |
| AQ17                    | 715063,736482           | 40.2                    | 16.6             | 11.7              | 1                                     |
| AQ18                    | 715013,736478           | 33.6                    | 15.8             | 11.1              | 1                                     |
| AQ19                    | 715007,736458           | 31.6                    | 15.4             | 10.9              | <1                                    |
| AQ20                    | 714991,734794           | 25.0                    | 14.7             | 10.5              | <1                                    |
| AQ21                    | 714973,734731           | 48.0                    | 18.7             | 14.1              | 2                                     |
| AQ22                    | 715015,734796           | 24.7                    | 14.7             | 10.5              | <1                                    |
| AQ23                    | 715042,734747           | 49.3                    | 19.1             | 13.4              | 3                                     |
| AQ24                    | 715021,734710           | 43.2                    | 17.7             | 13.1              | 1                                     |
| AQ25                    | 714966,734791           | 26.3                    | 14.9             | 10.7              | <1                                    |
| AQ26                    | 714967,734805           | 25.8                    | 14.9             | 10.6              | <1                                    |
| AQ27                    | 714963,734840           | 26.1                    | 14.9             | 10.6              | <1                                    |
| AQ28                    | 714879,734648           | 46.3                    | 18.2             | 12.6              | 2                                     |
| AQ29                    | 714933,734823           | 35.4                    | 16.2             | 11.4              | 1                                     |
| AQ30                    | 714962,734854           | 25.5                    | 14.8             | 10.5              | <1                                    |
| AQ31                    | 714922,734731           | 39.4                    | 17.0             | 12.0              | 1                                     |
| AQ32                    | 714879,734757           | 39.2                    | 16.7             | 11.7              | 1                                     |
| AQ33                    | 714886,734787           | 40.2                    | 16.8             | 11.8              | 1                                     |
| AQ34                    | 714868,734720           | 56.7                    | 19.6             | 13.6              | 3                                     |

| DS (2024)               |                         |                         |                  |                   |                                       |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |
| AQ35                    | 714934,734702           | 38.0                    | 16.8             | 12.0              | 1                                     |
| AQ36                    | 714861,734526           | 38.9                    | 16.8             | 11.8              | 1                                     |
| AQ37                    | 715081,734346           | 30.3                    | 15.3             | 10.9              | <1                                    |
| AQ38                    | 715098,734328           | 23.5                    | 14.5             | 10.3              | <1                                    |
| AQ39                    | 714878,734543           | 46.5                    | 18.2             | 12.6              | 2                                     |
| AQ40                    | 714855,734461           | 34.2                    | 16.0             | 11.3              | 1                                     |
| AQ41                    | 714882,734463           | 38.5                    | 16.6             | 11.7              | 1                                     |
| AQ42                    | 715090,734382           | 23.9                    | 14.5             | 10.3              | <1                                    |
| AQ43                    | 714878,734485           | 49.2                    | 18.4             | 12.8              | 2                                     |
| AQ44                    | 714879,734603           | 44.6                    | 17.8             | 12.4              | 1                                     |
| AQ45                    | 714879,734636           | 45.5                    | 18.0             | 12.5              | 2                                     |
| AQ46                    | 715040,734582           | 24.0                    | 14.6             | 10.4              | <1                                    |
| AQ47                    | 715054,734524           | 24.3                    | 14.6             | 10.4              | <1                                    |
| AQ48                    | 715014,734688           | 31.9                    | 15.8             | 11.3              | 1                                     |
| AQ49                    | 714852,734429           | 36.8                    | 16.4             | 11.5              | 1                                     |
| AQ50                    | 714829,734297           | 41.4                    | 16.9             | 12.0              | 1                                     |
| AQ51                    | 714813,734240           | 60.7                    | 18.7             | 13.5              | 2                                     |
| AQ52                    | 714862,734650           | 36.6                    | 16.5             | 11.6              | 1                                     |
| AQ53                    | 714930,735661           | 37.7                    | 16.6             | 11.6              | 1                                     |
| AQ54                    | 715025,735693           | 22.2                    | 14.3             | 10.2              | <1                                    |
| AQ55                    | 714934,735443           | 34.5                    | 16.5             | 11.5              | 1                                     |
| AQ56                    | 714921,735579           | 34.2                    | 16.2             | 11.4              | 1                                     |
| AQ57                    | 714941,735567           | 36.1                    | 16.6             | 11.6              | 1                                     |
| AQ58                    | 714924,735634           | 33.4                    | 16.1             | 11.3              | 1                                     |
| AQ59                    | 714995,735557           | 21.9                    | 14.3             | 10.2              | <1                                    |
| AQ60                    | 714940,735556           | 36.2                    | 16.7             | 11.7              | 1                                     |
| AQ61                    | 715006,735602           | 21.9                    | 14.3             | 10.2              | <1                                    |
| AQ62                    | 714948,735651           | 36.5                    | 16.6             | 11.6              | 1                                     |
| AQ63                    | 714947,735623           | 35.1                    | 16.3             | 11.4              | 1                                     |
| AQ64                    | 714951,735075           | 29.4                    | 15.3             | 10.9              | <1                                    |
| AQ65                    | 715013,735172           | 23.3                    | 14.4             | 10.3              | <1                                    |
| AQ66                    | 714947,735276           | 31.8                    | 15.9             | 11.2              | 1                                     |
| AQ67                    | 714919,735282           | 30.2                    | 15.6             | 11.0              | 1                                     |
| AQ68                    | 715021,735319           | 22.1                    | 14.3             | 10.2              | <1                                    |
| AQ69                    | 714983,735335           | 22.3                    | 14.4             | 10.2              | <1                                    |
| AQ70                    | 714939,735355           | 35.6                    | 16.7             | 11.6              | 1                                     |
| AQ71                    | 714909,735428           | 30.9                    | 15.8             | 11.1              | 1                                     |
| AQ72                    | 714988,735422           | 22.0                    | 14.3             | 10.2              | <1                                    |
| AQ73                    | 715021,735364           | 21.8                    | 14.3             | 10.2              | 1                                     |
| AQ74                    | 714941,735350           | 34.5                    | 16.4             | 11.5              | 1                                     |
| AQ75                    | 714984,735349           | 22.2                    | 14.4             | 10.2              | <1                                    |



| DS (2024)               |                         |                         |                  |                   |                                       |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |
| AQ76                    | 714909,735447           | 31.5                    | 15.9             | 11.2              | 1                                     |
| AQ77                    | 715293,737083           | 22.5                    | 14.3             | 10.2              | <1                                    |
| AQ78                    | 715177,737114           | 21.4                    | 14.2             | 10.1              | 1                                     |
| AQ79                    | 715163,737145           | 21.3                    | 14.2             | 10.1              | 1                                     |
| AQ80                    | 715144,737111           | 21.0                    | 14.2             | 10.1              | 1                                     |
| AQ81                    | 715290,737211           | 22.8                    | 14.4             | 10.2              | <1                                    |
| AQ82                    | 715347,737160           | 24.7                    | 14.6             | 10.4              | <1                                    |
| AQ83                    | 714970,736162           | 36.2                    | 16.2             | 11.4              | 1                                     |
| AQ84                    | 714955,736106           | 38.0                    | 16.4             | 11.5              | 1                                     |
| AQ85                    | 714989,736233           | 35.5                    | 16.1             | 11.3              | 1                                     |
| AQ86                    | 714973,736173           | 32.6                    | 15.7             | 11.1              | 1                                     |
| AQ87                    | 715004,736160           | 36.2                    | 16.2             | 11.4              | 1                                     |
| AQ88                    | 715112,736223           | 22.9                    | 14.4             | 10.3              | <1                                    |
| AQ89                    | 715137,736797           | 22.5                    | 14.4             | 10.2              | <1                                    |
| AQ90                    | 715162,736781           | 23.0                    | 14.4             | 10.3              | <1                                    |
| AQ91                    | 715141,736805           | 22.7                    | 14.4             | 10.2              | <1                                    |
| AQ92                    | 715168,736799           | 23.1                    | 14.4             | 10.3              | <1                                    |
| AQ93                    | 715173,736886           | 22.8                    | 14.4             | 10.2              | <1                                    |
| AQ94                    | 715231,736947           | 23.3                    | 14.5             | 10.3              | <1                                    |
| AQ95                    | 715198,736881           | 23.3                    | 14.4             | 10.3              | <1                                    |
| AQ96                    | 715201,736958           | 22.2                    | 14.3             | 10.2              | <1                                    |
| AQ97                    | 715253,737014           | 22.5                    | 14.3             | 10.2              | <1                                    |
| AQ98                    | 715233,736996           | 22.3                    | 14.3             | 10.2              | <1                                    |
| AQ99                    | 715217,737019           | 22.1                    | 14.3             | 10.2              | 1                                     |
| AQ100                   | 715208,736990           | 21.9                    | 14.3             | 10.2              | 1                                     |
| AQ101                   | 715331,737143           | 23.4                    | 14.4             | 10.3              | <1                                    |
| AQ102                   | 715194,737012           | 21.4                    | 14.2             | 10.1              | 1                                     |
| AQ103                   | 715254,736967           | 22.8                    | 14.4             | 10.2              | <1                                    |
| AQ104                   | 714985,736585           | 38.5                    | 16.9             | 11.8              | 1                                     |
| AQ105                   | 714971,736562           | 29.6                    | 15.4             | 10.9              | <1                                    |
| AQ106                   | 715104,736604           | 39.4                    | 16.0             | 11.3              | 1                                     |
| AQ107                   | 715073,736602           | 37.2                    | 15.9             | 11.2              | 1                                     |
| AQ108                   | 715094,736577           | 42.3                    | 16.5             | 11.6              | 1                                     |
| AQ109                   | 715079,736628           | 42.7                    | 16.6             | 11.6              | 1                                     |
| AQ110                   | 715037,736623           | 35.7                    | 16.1             | 11.3              | 1                                     |
| AQ111                   | 714922,736655           | 29.5                    | 15.5             | 10.9              | <1                                    |
| AQ112                   | 714935,736628           | 28.9                    | 15.4             | 10.8              | <1                                    |
| AQ113                   | 714908,736683           | 31.3                    | 15.7             | 11.1              | 1                                     |
| AQ114                   | 714932,736700           | 35.7                    | 16.4             | 11.5              | 1                                     |
| AQ115                   | 714942,736675           | 37.1                    | 16.7             | 11.7              | 1                                     |
| AQ116                   | 714871,736757           | 24.1                    | 14.6             | 10.4              | <1                                    |

| DS (2024)               |                         |                         |                  |                   |                                       |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |
| AQ117                   | 714755,736779           | 23.5                    | 14.5             | 10.3              | <1                                    |
| AQ118                   | 714867,736710           | 23.1                    | 14.5             | 10.3              | <1                                    |
| AQ119                   | 715101,736694           | 23.5                    | 14.5             | 10.3              | <1                                    |
| AQ120                   | 715086,735971           | 26.8                    | 14.8             | 10.5              | <1                                    |
| AQ121                   | 715093,736100           | 23.3                    | 14.5             | 10.3              | <1                                    |
| AQ122                   | 714979,736090           | 40.3                    | 16.4             | 11.5              | 1                                     |
| AQ123                   | 714979,735962           | 41.4                    | 17.0             | 11.9              | 1                                     |
| AQ124                   | 715071,736007           | 24.4                    | 14.6             | 10.4              | <1                                    |
| AQ125                   | 715067,736024           | 23.8                    | 14.5             | 10.3              | <1                                    |
| AQ126                   | 714973,736042           | 48.7                    | 18.2             | 12.7              | 2                                     |
| AQ127                   | 714961,735948           | 39.8                    | 16.7             | 11.7              | 1                                     |
| AQ128                   | 714987,736629           | 32.8                    | 16.0             | 11.2              | 1                                     |
| AQ129                   | 715001,736510           | 30.9                    | 15.5             | 10.9              | 1                                     |
| AQ130                   | 714982,735770           | 42.4                    | 17.2             | 12.0              | 1                                     |
| AQ131                   | 715040,735787           | 22.9                    | 14.4             | 10.3              | <1                                    |
| AQ132                   | 714977,735755           | 36.8                    | 16.3             | 11.5              | 1                                     |
| AQ133                   | 714965,735877           | 40.3                    | 16.7             | 11.7              | 1                                     |
| AQ134                   | 714984,735852           | 39.8                    | 16.7             | 11.7              | 1                                     |
| AQ135                   | 714996,735909           | 52.6                    | 18.5             | 12.8              | 2                                     |
| AQ136                   | 714949,735909           | 50.4                    | 18.1             | 12.6              | 2                                     |
| AQ137                   | 715060,735903           | 31.1                    | 15.4             | 10.9              | <1                                    |
| AQ138                   | 715056,735882           | 27.5                    | 14.9             | 10.6              | <1                                    |
| AQ139                   | 714996,735890           | 46.0                    | 17.5             | 12.2              | 1                                     |
| AQ140                   | 715091,735902           | 37.4                    | 16.2             | 11.4              | 1                                     |
| AQ141                   | 714933,735676           | 41.9                    | 17.0             | 11.9              | 1                                     |
| AQ142                   | 714955,735674           | 40.4                    | 16.7             | 11.7              | 1                                     |
| AQ143                   | 714966,735785           | 34.7                    | 16.0             | 11.3              | 1                                     |
| AQ144                   | 714953,735742           | 39.9                    | 16.8             | 11.8              | 1                                     |
| AQ145                   | 714983,735786           | 37.6                    | 16.4             | 11.5              | 1                                     |
| AQ146                   | 714935,734960           | 30.3                    | 15.5             | 11.0              | 1                                     |
| AQ147                   | 714956,734916           | 43.7                    | 17.9             | 12.4              | 2                                     |
| AQ148                   | 714922,734916           | 29.6                    | 15.4             | 10.9              | <1                                    |
| AQ149                   | 714472,736949           | 22.6                    | 14.4             | 10.2              | <1                                    |
| AQ150                   | 714313,737120           | 23.0                    | 14.5             | 10.3              | <1                                    |
| AQ151                   | 715434,738674           | 25.5                    | 14.9             | 10.5              | <1                                    |
| AQ152                   | 715372,738863           | 22.7                    | 14.4             | 10.3              | <1                                    |
| AQ153                   | 715383,738759           | 22.8                    | 14.4             | 10.3              | <1                                    |
| AQ154                   | 715384,738655           | 22.8                    | 14.4             | 10.3              | <1                                    |
| AQ155                   | 715476,737643           | 24.8                    | 14.7             | 10.4              | <1                                    |
| AQ156                   | 715481,737594           | 23.1                    | 14.5             | 10.3              | <1                                    |
| AQ157                   | 715481,737594           | 23.1                    | 14.5             | 10.3              | <1                                    |

| DS (2024)               |                         |                         |                  |                   |                                       |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |
| AQ158                   | 715433,737920           | 27.6                    | 14.9             | 10.6              | <1                                    |
| AQ159                   | 715447,737859           | 24.7                    | 14.6             | 10.4              | <1                                    |
| AQ160                   | 715444,737620           | 22.9                    | 14.4             | 10.3              | <1                                    |
| AQ161                   | 715438,737675           | 22.5                    | 14.4             | 10.2              | <1                                    |
| AQ162                   | 715451,737821           | 24.3                    | 14.6             | 10.4              | <1                                    |
| AQ163                   | 715464,737747           | 24.4                    | 14.6             | 10.4              | <1                                    |
| AQ164                   | 715467,737724           | 24.5                    | 14.6             | 10.4              | <1                                    |
| AQ165                   | 715404,738140           | 24.6                    | 14.7             | 10.4              | <1                                    |
| AQ166                   | 715404,738108           | 25.0                    | 14.7             | 10.4              | <1                                    |
| AQ167                   | 715360,738284           | 24.0                    | 14.7             | 10.4              | <1                                    |
| AQ168                   | 715372,738462           | 23.7                    | 14.6             | 10.4              | <1                                    |
| AQ169                   | 715357,738177           | 24.2                    | 14.7             | 10.4              | <1                                    |
| AQ170                   | 715194,737262           | 21.2                    | 14.2             | 10.1              | 1                                     |
| AQ171                   | 715236,737223           | 21.6                    | 14.2             | 10.1              | 1                                     |
| AQ172                   | 715175,737516           | 22.6                    | 14.4             | 10.2              | <1                                    |
| AQ173                   | 715178,737488           | 21.4                    | 14.2             | 10.1              | 1                                     |
| AQ174                   | 715190,737457           | 21.7                    | 14.3             | 10.2              | 1                                     |
| AQ175                   | 715277,737200           | 22.1                    | 14.3             | 10.2              | 1                                     |
| AQ176                   | 715218,737212           | 21.5                    | 14.2             | 10.1              | 1                                     |
| AQ177                   | 715202,737773           | 21.4                    | 14.2             | 10.1              | 1                                     |
| AQ178                   | 715342,737941           | 26.4                    | 14.8             | 10.5              | <1                                    |
| AQ179                   | 715315,737902           | 23.9                    | 14.5             | 10.3              | <1                                    |
| AQ180                   | 715275,737837           | 21.7                    | 14.3             | 10.2              | 1                                     |
| AQ181                   | 715269,737897           | 22.2                    | 14.3             | 10.2              | <1                                    |
| AQ182                   | 715382,737333           | 22.4                    | 14.4             | 10.2              | <1                                    |
| AQ183                   | 715451,737821           | 24.3                    | 14.6             | 10.4              | <1                                    |
| AQ184                   | 715428,737722           | 22.5                    | 14.3             | 10.2              | <1                                    |
| AQ185                   | 715426,737732           | 22.5                    | 14.3             | 10.2              | <1                                    |
| AQ186                   | 715415,737814           | 22.8                    | 14.4             | 10.2              | <1                                    |
| AQ187                   | 715364,737295           | 21.9                    | 14.3             | 10.2              | <1                                    |
| AQ188                   | 715363,738002           | 25.2                    | 14.7             | 10.4              | <1                                    |
| AQ189                   | 715429,737551           | 22.6                    | 14.4             | 10.2              | <1                                    |
| AQ190                   | 715405,737461           | 22.2                    | 14.4             | 10.2              | <1                                    |
| AQ191                   | 715401,737878           | 24.2                    | 14.6             | 10.3              | <1                                    |
| AQ192                   | 715387,737927           | 27.1                    | 14.9             | 10.5              | <1                                    |
| AQ193                   | 715382,737998           | 25.0                    | 14.6             | 10.4              | <1                                    |
| AQ194                   | 715391,737396           | 22.2                    | 14.4             | 10.2              | <1                                    |
| AQ195                   | 715416,738010           | 25.6                    | 14.7             | 10.4              | <1                                    |
| AQ196                   | 715410,740446           | 24.3                    | 14.6             | 10.4              | <1                                    |
| AQ197                   | 715385,740597           | 24.0                    | 14.6             | 10.4              | <1                                    |
| AQ198                   | 715403,740362           | 23.1                    | 14.5             | 10.3              | <1                                    |

| DS (2024)               |                         |                         |                  |                   |                                       |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |
| AQ199                   | 715130,737642           | 21.9                    | 14.3             | 10.2              | 1                                     |
| AQ200                   | 715231,737459           | 21.4                    | 14.2             | 10.1              | 1                                     |
| AQ201                   | 715226,737338           | 21.6                    | 14.2             | 10.2              | 1                                     |
| AQ202                   | 715221,737400           | 21.8                    | 14.3             | 10.2              | 1                                     |
| AQ203                   | 715191,737420           | 21.3                    | 14.2             | 10.1              | 1                                     |
| AQ204                   | 715182,737371           | 21.0                    | 14.2             | 10.1              | 1                                     |
| AQ205                   | 715114,737548           | 21.8                    | 14.3             | 10.2              | 1                                     |
| AQ206                   | 715153,737684           | 21.4                    | 14.2             | 10.1              | 1                                     |
| AQ207                   | 715502,739359           | 24.6                    | 14.8             | 10.5              | <1                                    |
| AQ208                   | 715408,739100           | 27.1                    | 14.9             | 10.6              | <1                                    |
| AQ209                   | 715493,739262           | 24.9                    | 14.8             | 10.5              | <1                                    |
| AQ210                   | 715368,738953           | 23.4                    | 14.5             | 10.3              | <1                                    |
| AQ211                   | 715434,739035           | 26.0                    | 14.9             | 10.6              | <1                                    |
| AQ212                   | 715452,739042           | 25.1                    | 14.7             | 10.5              | <1                                    |
| AQ213                   | 715416,738981           | 25.6                    | 14.9             | 10.5              | <1                                    |
| AQ214                   | 713910,737756           | 23.4                    | 14.4             | 10.3              | <1                                    |
| AQ215                   | 713962,737748           | 28.7                    | 15.0             | 10.6              | <1                                    |
| AQ216                   | 713991,737518           | 22.5                    | 14.4             | 10.2              | <1                                    |
| AQ217                   | 713176,738821           | 28.2                    | 15.2             | 10.7              | <1                                    |
| AQ218                   | 713196,738843           | 27.7                    | 15.1             | 10.7              | <1                                    |
| AQ219                   | 713839,738020           | 22.3                    | 14.4             | 10.2              | <1                                    |
| AQ220                   | 713797,738159           | 22.8                    | 14.5             | 10.3              | <1                                    |
| AQ221                   | 713742,738142           | 21.7                    | 14.3             | 10.2              | 1                                     |
| AQ222                   | 713329,738634           | 23.4                    | 14.6             | 10.4              | <1                                    |
| AQ223                   | 713049,738954           | 22.5                    | 14.4             | 10.3              | <1                                    |
| AQ224                   | 715314,737046           | 22.3                    | 14.3             | 10.2              | <1                                    |
| AQ225                   | 715359,737115           | 23.9                    | 14.5             | 10.3              | <1                                    |
| AQ226                   | 715433,739637           | 23.7                    | 14.5             | 10.3              | <1                                    |
| AQ227                   | 714782,734168           | 47.2                    | 17.8             | 12.5              | 1                                     |
| AQ228                   | 714806,734148           | 51.5                    | 18.5             | 12.9              | 2                                     |
| AQ229                   | 714790,734058           | 51.9                    | 18.7             | 13.0              | 2                                     |
| AQ230                   | 714768,734036           | 46.5                    | 17.6             | 12.3              | 1                                     |
| AQ231                   | 714815,733986           | 41.9                    | 17.4             | 12.1              | 1                                     |
| AQ232                   | 714898,733940           | 36.5                    | 16.3             | 11.4              | 1                                     |
| AQ233                   | 714868,733938           | 36.8                    | 16.2             | 11.4              | 1                                     |
| AQ234                   | 715040,733934           | 44.5                    | 17.5             | 12.2              | 1                                     |
| AQ235                   | 714960,733960           | 41.2                    | 17.0             | 11.9              | 1                                     |
| AQ236                   | 715087,733873           | 38.2                    | 16.5             | 11.6              | 1                                     |
| AQ237                   | 714703,734262           | 54.8                    | 19.8             | 13.6              | 3                                     |
| AQ238                   | 714716,734342           | 24.7                    | 14.6             | 10.4              | <1                                    |
| AQ239                   | 714723,734337           | 24.8                    | 14.7             | 10.4              | <1                                    |

| DS (2024)               |                         |                         |                  |                   |                                       |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |
| AQ240                   | 714735,734416           | 24.8                    | 14.6             | 10.4              | <1                                    |
| AQ241                   | 714738,734493           | 23.1                    | 14.4             | 10.3              | <1                                    |
| AQ242                   | 714793,734626           | 25.4                    | 14.7             | 10.5              | <1                                    |
| AQ243                   | 714777,734605           | 24.3                    | 14.6             | 10.4              | <1                                    |
| AQ244                   | 714796,734634           | 26.2                    | 14.8             | 10.5              | <1                                    |
| AQ245                   | 714770,734550           | 23.9                    | 14.5             | 10.3              | <1                                    |
| AQ246                   | 714947,734693           | 35.6                    | 16.3             | 11.6              | 1                                     |
| AQ247                   | 714953,734491           | 25.6                    | 14.7             | 10.5              | <1                                    |
| AQ248                   | 714951,734470           | 24.4                    | 14.6             | 10.4              | <1                                    |
| AQ249                   | 714958,734578           | 24.0                    | 14.6             | 10.4              | <1                                    |
| AQ250                   | 715173,734810           | 42.7                    | 17.4             | 12.2              | 1                                     |
| AQ251                   | 715149,734779           | 39.2                    | 17.0             | 11.9              | 1                                     |
| AQ252                   | 715114,734778           | 40.9                    | 17.4             | 12.2              | 1                                     |
| AQ253                   | 714712,734756           | 29.5                    | 15.4             | 10.9              | <1                                    |
| AQ254                   | 714707,734771           | 32.8                    | 16.0             | 11.3              | 1                                     |
| AQ255                   | 714517,734365           | 39.2                    | 16.3             | 11.5              | 1                                     |
| AQ256                   | 714507,734382           | 35.3                    | 16.0             | 11.2              | 1                                     |
| AQ257                   | 714516,734462           | 31.6                    | 15.6             | 11.0              | 1                                     |
| AQ258                   | 714522,734505           | 33.0                    | 15.9             | 11.2              | 1                                     |
| AQ259                   | 714538,734639           | 42.4                    | 17.5             | 12.2              | 1                                     |
| AQ260                   | 714540,734541           | 37.3                    | 16.6             | 11.6              | 1                                     |
| AQ261                   | 714663,734669           | 34.5                    | 16.2             | 11.4              | 1                                     |
| AQ262                   | 714575,734672           | 36.7                    | 16.5             | 11.6              | 1                                     |
| AQ263                   | 714676,734657           | 30.6                    | 15.6             | 11.0              | 1                                     |
| AQ264                   | 714671,734746           | 29.4                    | 15.4             | 10.9              | <1                                    |
| AQ265                   | 714662,734762           | 32.4                    | 15.9             | 11.2              | 1                                     |
| AQ266                   | 714404,734696           | 39.7                    | 16.8             | 11.8              | 1                                     |
| AQ267                   | 714410,734682           | 34.4                    | 16.2             | 11.4              | 1                                     |
| AQ268                   | 714392,734685           | 32.5                    | 15.8             | 11.1              | 1                                     |
| AQ269                   | 714399,734732           | 43.1                    | 17.2             | 12.0              | 1                                     |
| AQ270                   | 714339,734787           | 31.6                    | 15.6             | 11.0              | 1                                     |
| AQ271                   | 714344,734781           | 31.6                    | 15.6             | 11.0              | 1                                     |
| AQ272                   | 714379,734734           | 34.3                    | 15.9             | 11.2              | 1                                     |
| AQ273                   | 714292,734856           | 29.9                    | 15.4             | 10.9              | <1                                    |
| AQ274                   | 714346,734806           | 38.3                    | 16.5             | 11.6              | 1                                     |
| AQ275                   | 714259,734954           | 34.5                    | 16.1             | 11.3              | 1                                     |
| AQ276                   | 714232,734942           | 29.9                    | 15.4             | 10.9              | <1                                    |
| AQ277                   | 714238,734930           | 31.8                    | 15.7             | 11.0              | 1                                     |
| AQ278                   | 714216,735009           | 33.4                    | 15.8             | 11.2              | 1                                     |
| AQ279                   | 714191,734990           | 30.3                    | 15.4             | 10.9              | <1                                    |
| AQ280                   | 714254,734966           | 38.7                    | 16.7             | 11.7              | 1                                     |

| DS (2024)               |                         |                         |                  |                   |                                       |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |
| AQ281                   | 714176,735042           | 43.3                    | 17.1             | 12.0              | 1                                     |
| AQ282                   | 714134,735080           | 34.4                    | 15.9             | 11.2              | 1                                     |
| AQ283                   | 714121,735080           | 30.4                    | 15.5             | 10.9              | <1                                    |
| AQ284                   | 714021,735211           | 34.1                    | 16.1             | 11.3              | 1                                     |
| AQ285                   | 714028,735223           | 42.7                    | 17.5             | 12.2              | 1                                     |
| AQ286                   | 714012,735224           | 28.4                    | 15.2             | 10.8              | <1                                    |
| AQ287                   | 713935,735463           | 47.8                    | 17.2             | 12.0              | 1                                     |
| AQ288                   | 713913,735489           | 49.1                    | 17.3             | 12.1              | 1                                     |
| AQ289                   | 713973,735329           | 35.8                    | 16.4             | 11.5              | 1                                     |
| AQ290                   | 714818,735878           | 25.9                    | 14.8             | 10.5              | <1                                    |
| AQ291                   | 714676,735906           | 25.4                    | 14.9             | 10.5              | <1                                    |
| AQ292                   | 715709,735720           | 51.8                    | 18.1             | 12.6              | 2                                     |
| AQ293                   | 715700,735702           | 45.6                    | 17.3             | 12.0              | 1                                     |
| AQ294                   | 715682,735736           | 44.6                    | 17.2             | 12.0              | 1                                     |
| AQ295                   | 715667,735718           | 40.9                    | 16.7             | 11.7              | 1                                     |
| AQ296                   | 715727,735815           | 52.8                    | 18.5             | 12.8              | 2                                     |
| AQ297                   | 715744,735788           | 47.6                    | 17.7             | 12.3              | 1                                     |
| AQ298                   | 715756,735810           | 46.6                    | 17.7             | 12.3              | 1                                     |
| AQ299                   | 715718,735803           | 48.2                    | 17.8             | 12.4              | 1                                     |
| AQ300                   | 715799,735893           | 46.4                    | 17.7             | 12.3              | 1                                     |
| AQ301                   | 715769,735905           | 45.6                    | 17.6             | 12.2              | 1                                     |
| AQ302                   | 715775,735917           | 41.5                    | 16.9             | 11.8              | 1                                     |
| AQ303                   | 715814,735918           | 47.5                    | 17.6             | 12.3              | 1                                     |
| AQ304                   | 715818,735992           | 44.2                    | 17.2             | 12.0              | 1                                     |
| AQ305                   | 715846,735982           | 47.9                    | 17.8             | 12.4              | 1                                     |
| AQ306                   | 715843,736047           | 52.7                    | 18.8             | 13.0              | 2                                     |
| AQ307                   | 715872,736028           | 46.3                    | 17.7             | 12.3              | 1                                     |
| AQ308                   | 715719,736094           | 26.3                    | 14.9             | 10.5              | <1                                    |
| AQ309                   | 715702,736101           | 25.3                    | 14.8             | 10.4              | <1                                    |
| AQ310                   | 715776,736219           | 25.1                    | 14.7             | 10.4              | <1                                    |
| AQ311                   | 715759,736226           | 24.8                    | 14.6             | 10.4              | <1                                    |
| AQ312                   | 715784,736236           | 25.3                    | 14.7             | 10.4              | <1                                    |
| AQ313                   | 715771,736252           | 25.0                    | 14.7             | 10.4              | <1                                    |
| AQ314                   | 715822,736361           | 24.0                    | 14.5             | 10.3              | <1                                    |
| AQ315                   | 715840,736353           | 24.0                    | 14.5             | 10.3              | <1                                    |
| AQ316                   | 715616,736364           | 23.4                    | 14.5             | 10.3              | <1                                    |
| AQ317                   | 715623,736322           | 23.2                    | 14.4             | 10.3              | <1                                    |
| AQ318                   | 715613,736350           | 22.8                    | 14.4             | 10.3              | <1                                    |
| AQ319                   | 715635,736434           | 22.6                    | 14.4             | 10.2              | <1                                    |
| AQ320                   | 715370,736516           | 22.8                    | 14.4             | 10.2              | <1                                    |
| AQ321                   | 715389,736493           | 22.0                    | 14.3             | 10.2              | 1                                     |

| DS (2024)               |                         |                         |                  |                   |                                       |  |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|--|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |  |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |  |
| AQ322                   | 715369,736493           | 22.1                    | 14.3             | 10.2              | 1                                     |  |
| AQ323                   | 715391,736518           | 22.5                    | 14.3             | 10.2              | <1                                    |  |
| AQ324                   | 715471,736389           | 21.9                    | 14.3             | 10.2              | 1                                     |  |
| AQ325                   | 715056,736459           | 40.7                    | 16.6             | 11.6              | 1                                     |  |
| AQ326                   | 715249,736428           | 22.8                    | 14.4             | 10.2              | <1                                    |  |
| AQ327                   | 715248,736406           | 22.3                    | 14.3             | 10.2              | <1                                    |  |
| AQ328                   | 715200,736539           | 23.5                    | 14.5             | 10.3              | <1                                    |  |
| AQ329                   | 715192,736521           | 22.6                    | 14.4             | 10.2              | <1                                    |  |
| AQ330                   | 714753,736291           | 21.8                    | 14.3             | 10.2              | 1                                     |  |
| AQ331                   | 714757,736304           | 21.7                    | 14.2             | 10.2              | 1                                     |  |
| AQ332                   | 714737,736303           | 21.3                    | 14.2             | 10.1              | 1                                     |  |
| AQ333                   | 714887,734697           | 42.3                    | 17.3             | 12.1              | 1                                     |  |
| AQ334                   | 714918,734776           | 37.5                    | 16.4             | 11.6              | 1                                     |  |
| AQ335                   | 714920,734871           | 33.4                    | 16.1             | 11.3              | 1                                     |  |
| AQ336                   | 715161,734821           | 41.0                    | 17.2             | 12.0              | 1                                     |  |
| AQ337                   | 715050,734723           | 39.0                    | 17.1             | 12.1              | 1                                     |  |
| AQ338                   | 715051,734749           | 41.0                    | 17.5             | 12.3              | 1                                     |  |
| AQ339                   | 715094,734741           | 39.0                    | 17.0             | 12.0              | 1                                     |  |
| AQ340                   | 715098,736591           | 42.4                    | 16.3             | 11.5              | 1                                     |  |
| AQ341                   | 713864,738074           | 23.2                    | 14.5             | 10.3              | <1                                    |  |
| AQ342                   | 712749,739812           | 27.8                    | 15.3             | 10.8              | <1                                    |  |
| AQ343                   | 712613,739799           | 23.0                    | 14.5             | 10.3              | <1                                    |  |
| AQ344                   | 712753,739720           | 24.4                    | 14.8             | 10.5              | <1                                    |  |
| AQ345                   | 715026,734392           | 23.2                    | 14.4             | 10.3              | <1                                    |  |
| AQ346                   | 714997,734396           | 23.8                    | 14.5             | 10.3              | <1                                    |  |
| AQ347                   | 714828,734792           | 24.6                    | 14.6             | 10.4              | <1                                    |  |
| AQ348                   | 715093,734269           | 24.6                    | 14.6             | 10.4              | <1                                    |  |
| AQ349                   | 714999,736553           | 27.9                    | 15.2             | 10.7              | <1                                    |  |
| AQ350                   | 712507,739809           | 20.7                    | 14.1             | 10.1              | 1                                     |  |
| AQ351                   | 714745,734486           | 23.4                    | 14.5             | 10.3              | <1                                    |  |
| AQ352                   | 715510,740236           | 26.3                    | 15.0             | 10.6              | <1                                    |  |
| AQ353                   | 715191,735865           | 29.9                    | 15.3             | 10.8              | <1                                    |  |
| AQ354                   | 714829,734740           | 31.6                    | 15.7             | 11.1              | 1                                     |  |
| AQ355                   | 714829,734774           | 25.8                    | 14.8             | 10.5              | <1                                    |  |
| AQ356                   | 715571,737454           | 22.8                    | 14.4             | 10.3              | <1                                    |  |
| AQ357                   | 715238,737251           | 22.3                    | 14.3             | 10.2              | <1                                    |  |
| AQ358                   | 715309,737551           | 20.8                    | 14.1             | 10.1              | 1                                     |  |
| AQ359                   | 715213,737647           | 20.8                    | 14.1             | 10.1              | 1                                     |  |
| AQ360                   | 715472,737544           | 27.3                    | 15.1             | 10.7              | <1                                    |  |
| AQ361                   | 713269,739047           | 25.0                    | 14.8             | 10.5              | <1                                    |  |
| AQ362                   | 715655,738657           | 20.8                    | 14.1             | 10.1              | 1                                     |  |

| DS (2024)               |                         |                         |                  |                   |                                       |  |
|-------------------------|-------------------------|-------------------------|------------------|-------------------|---------------------------------------|--|
| Receptor Location (ITM) | Receptor Location (ITM) | Receptor Location (ITM) |                  |                   | No of PM10 days > 50µg/m <sup>3</sup> |  |
|                         |                         | NO <sub>2</sub>         | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |  |
| AQ363                   | 714840,736724           | 22.9                    | 14.4             | 10.3              | <1                                    |  |
| AQ364                   | 715306,737965           | 24.4                    | 14.6             | 10.4              | <1                                    |  |
| AQ365                   | 715330,738134           | 22.0                    | 14.3             | 10.2              | <1                                    |  |
| AQ366                   | 715193,737898           | 21.3                    | 14.2             | 10.1              | 1                                     |  |
| AQ367                   | 715005,737589           | 20.9                    | 14.1             | 10.1              | 1                                     |  |
| AQ368                   | 713655,738228           | 22.5                    | 14.4             | 10.2              | <1                                    |  |
| AQ369                   | 713028,738778           | 22.3                    | 14.4             | 10.2              | <1                                    |  |
| AQ370                   | 715358,738994           | 22.3                    | 14.3             | 10.2              | <1                                    |  |
| AQ371                   | 715430,739469           | 21.9                    | 14.3             | 10.2              | <1                                    |  |
| AQ372                   | 715520,739462           | 22.4                    | 14.4             | 10.3              | <1                                    |  |
| AQ373                   | 714738,734460           | 23.5                    | 14.5             | 10.3              | <1                                    |  |
| AQ374                   | 714853,734440           | 25.1                    | 14.7             | 10.5              | <1                                    |  |
| AQ375                   | 715695,736814           | 27.4                    | 15.0             | 10.6              | <1                                    |  |
| AQ376                   | 715503,737018           | 25.4                    | 14.7             | 10.5              | <1                                    |  |
| AQ377                   | 715494,737000           | 22.7                    | 14.4             | 10.2              | <1                                    |  |
| AQ378                   | 715828,736777           | 26.2                    | 14.8             | 10.5              | <1                                    |  |
| AQ379                   | 715831,736757           | 25.4                    | 14.7             | 10.5              | <1                                    |  |
| AQ380                   | 715818,736759           | 24.8                    | 14.6             | 10.4              | <1                                    |  |
| AQ381                   | 714961,735923           | 45.3                    | 17.5             | 12.2              | 1                                     |  |
| AQ382                   | 714983,735876           | 43.3                    | 17.2             | 12.0              | 1                                     |  |
| AQ383                   | 714948,735892           | 43.0                    | 17.1             | 11.9              | 1                                     |  |
| AQ384                   | 714980,735923           | 49.3                    | 18.1             | 12.6              | 2                                     |  |

## 2.3 Comparison of Do Something with Do Minimum

Table 2.3 provides the predicted change in and impact on pollutant concentrations, between the DM and DS in 2024. Pollutant concentrations have been outlined to one decimal place, where '<0.1' is reported, the pollutant concentration is considered to be less than this amount (i.e. two or more decimal places).

**Table 2.3: Predicted Changes in Construction DM and DS and Impact Significance Criteria At Worst-Case Receptor Locations**

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. (µg/m <sup>3</sup> ) |                  |                   | Change in No of PM10 days > 50µg/m <sup>3</sup> | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>                                  | PM <sub>10</sub> | PM <sub>2.5</sub> |   | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ1      | 721010,729635           | -0.8   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ2      | 721010,729636           | -1.2   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ3      | 721010,729637           | -2.1   | -0.6             | -0.4              | 0   | Moderate Beneficial         | Negligible       | Negligible        |
| AQ4      | 721010,729638           | -2.6   | -0.6             | -0.3              | 0   | Moderate Beneficial         | Negligible       | Negligible        |
| AQ5      | 721010,729639           | -0.7   | -0.7             | -0.4              | 0   | Slight Beneficial           | Negligible       | Negligible        |
| AQ6      | 721010,729640           | -6.6   | -0.8             | -0.5              | 0   | Substantial Beneficial      | Negligible       | Negligible        |
| AQ7      | 721010,729641           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ8      | 721010,729642           | -3.3   | -0.4             | -0.2              | 0   | Slight Beneficial           | Negligible       | Negligible        |



| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ9      | 721010,729643           | -5.6   | -0.8             | -0.5              | -1   | Substantial Beneficial      | Negligible       | Negligible        |
| AQ10     | 721010,729644           | -3.6   | -0.4             | -0.3              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ11     | 721010,729645           | -6.0   | -0.4             | -0.2              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ12     | 721010,729646           | -4.0   | -0.3             | -0.2              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ13     | 721010,729647           | -6.6   | -0.4             | -0.2              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ14     | 721010,729648           | -6.3   | -0.4             | -0.2              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ15     | 721010,729649           | -6.8   | -0.8             | -0.5              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ16     | 721010,729650           | -8.4   | -0.8             | -0.5              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ17     | 721010,729651           | -6.4   | -0.9             | -0.5              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ18     | 721010,729652           | -6.5   | -0.6             | -0.3              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ19     | 721010,729653           | -5.0   | -0.3             | -0.2              | <1   | Moderate Beneficial         | Negligible       | Negligible        |
| AQ20     | 721010,729654           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ21     | 721010,729655           | 0.3  | <0.1             | 1.3               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ22     | 721010,729656           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ23     | 721010,729657           | 1.1  | 0.2              | 0.4               | 1  | Slight Adverse              | Negligible       | Negligible        |
| AQ24     | 721010,729658           | <0.1   | <0.1             | 0.8               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ25     | 721010,729659           | -0.1   | <0.1             | 0.1               | <1   | Negligible                  | Negligible       | Negligible        |
| AQ26     | 721010,729660           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ27     | 721010,729661           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ28     | 721010,729662           | -0.5   | -0.1             | <0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ29     | 721010,729663           | -0.4   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ30     | 721010,729664           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ31     | 721010,729665           | <0.1   | <0.1             | 0.1               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ32     | 721010,729666           | -0.4   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ33     | 721010,729667           | -0.3   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ34     | 721010,729668           | -0.7   | -0.2             | <0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ35     | 721010,729669           | <0.1   | <0.1             | 0.2               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ36     | 721010,729670           | -0.4   | -0.1             | <0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ37     | 721010,729671           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ38     | 721010,729672           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ39     | 721010,729673           | -0.6   | -0.1             | <0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ40     | 721010,729674           | -0.2   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ41     | 721010,729675           | -0.3   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ42     | 721010,729676           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ43     | 721010,729677           | -0.5   | -0.1             | <0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ44     | 721010,729678           | -0.6   | -0.1             | <0.1              | -1   | Slight Beneficial           | Negligible       | Negligible        |
| AQ45     | 721010,729679           | -0.6   | -0.1             | <0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ46     | 721010,729680           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ47     | 721010,729681           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ48     | 721010,729682           | <0.1   | <0.1             | 0.3               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ49     | 721010,729683           | -0.3   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ50     | 721010,729684           | -0.2   | <0.1             | 0.1               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ51     | 721010,729685           | -0.3   | <0.1             | 0.5               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ52     | 721010,729686           | -0.3   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ53     | 721010,729687           | -1.3   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ54     | 721010,729688           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ55     | 721010,729689           | -1.1   | -0.2             | -0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ56     | 721010,729690           | -1.0   | -0.2             | -0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ57     | 721010,729691           | -1.2   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ58     | 721010,729692           | -1.0   | -0.1             | -0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ59     | 721010,729693           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ60     | 721010,729694           | -1.2   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ61     | 721010,729695           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ62     | 721010,729696           | -1.4   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ63     | 721010,729697           | -1.1   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ64     | 721010,729698           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ65     | 721010,729699           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ66     | 721010,729700           | -0.8   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ67     | 721010,729701           | -0.7   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ68     | 721010,729702           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ69     | 721010,729703           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ70     | 721010,729704           | -1.2   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ71     | 721010,729705           | -0.8   | -0.1             | -0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ72     | 721010,729706           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ73     | 721010,729707           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ74     | 721010,729708           | -1.1   | -0.2             | -0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ75     | 721010,729709           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ76     | 721010,729710           | -0.9   | -0.1             | -0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ77     | 721010,729711           | -1.9   | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ78     | 721010,729712           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ79     | 721010,729713           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ80     | 721010,729714           | -0.5   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ81     | 721010,729715           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ82     | 721010,729716           | -1.0   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ83     | 721010,729717           | -2.1   | -0.3             | -0.2              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ84     | 721010,729718           | -1.0   | -0.1             | <0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ85     | 721010,729719           | -4.0   | -0.5             | -0.3              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ86     | 721010,729720           | -1.7   | -0.2             | -0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ87     | 721010,729721           | -2.1   | -0.3             | -0.2              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ88     | 721010,729722           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ89     | 721010,729723           | -2.3   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ90     | 721010,729724           | -3.0   | -0.4             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ91     | 721010,729725           | -2.3   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ92     | 721010,729726           | -2.8   | -0.4             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ93     | 721010,729727           | -2.8   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ94     | 721010,729728           | -3.5   | -0.4             | -0.3              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ95     | 721010,729729           | -3.4   | -0.4             | -0.3              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ96     | 721010,729730           | -2.1   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ97     | 721010,729731           | -2.1   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ98     | 721010,729732           | -2.1   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ99     | 721010,729733           | -1.8   | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ100    | 721010,729734           | -1.6   | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ101    | 721010,729735           | -1.2   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ102    | 721010,729736           | -1.0   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ103    | 721010,729737           | -2.3   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ104    | 721010,729738           | -9.5   | -1.3             | -0.8              | -1   | Substantial Beneficial      | Negligible       | Negligible        |
| AQ105    | 721010,729739           | -4.3   | -0.5             | -0.3              | <1   | Slight Beneficial           | Negligible       | Negligible        |
| AQ106    | 721010,729740           | -2.4   | -0.7             | -0.4              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ107    | 721010,729741           | -2.6   | -0.6             | -0.4              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ108    | 721010,729742           | -0.2   | -0.7             | -0.4              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ109    | 721010,729743           | -12.1  | -1.9             | -1.2              | -1   | Substantial Beneficial      | Negligible       | Negligible        |
| AQ110    | 721010,729744           | -7.3   | -1.1             | -0.7              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ111    | 721010,729745           | -2.2   | -0.3             | -0.2              | <1   | Slight Beneficial           | Negligible       | Negligible        |
| AQ112    | 721010,729746           | -2.8   | -0.4             | -0.2              | <1   | Slight Beneficial           | Negligible       | Negligible        |
| AQ113    | 721010,729747           | -1.7   | -0.3             | -0.2              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ114    | 721010,729748           | -2.2   | -0.4             | -0.2              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ115    | 721010,729749           | -3.1   | -0.5             | -0.3              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ116    | 721010,729750           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ117    | 721010,729751           | -0.4   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ118    | 721010,729752           | -0.4   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ119    | 721010,729753           | -2.8   | -0.4             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ120    | 721010,729754           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ121    | 721010,729755           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ122    | 721010,729756           | -2.7   | -0.2             | -0.1              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ123    | 721010,729757           | -1.8   | -0.3             | -0.2              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ124    | 721010,729758           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ125    | 721010,729759           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ126    | 721010,729760           | -3.7   | -0.5             | -0.3              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ127    | 721010,729761           | -1.3   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ128    | 721010,729762           | -6.3   | -0.9             | -0.6              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ129    | 721010,729763           | -4.6   | -0.5             | -0.3              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ130    | 721010,729764           | -1.7   | -0.3             | -0.2              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ131    | 721010,729765           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ132    | 721010,729766           | -1.3   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ133    | 721010,729767           | -0.9   | -0.1             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ134    | 721010,729768           | -1.3   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ135    | 721010,729769           | -0.9   | -0.1             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ136    | 721010,729770           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ137    | 721010,729771           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ138    | 721010,729772           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ139    | 721010,729773           | -0.8   | -0.1             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ140    | 721010,729774           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ141    | 721010,729775           | -1.5   | -0.1             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ142    | 721010,729776           | -2.1   | -0.2             | -0.1              | 0  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ143    | 721010,729777           | -1.0   | -0.1             | -0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ144    | 721010,729778           | -1.5   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ145    | 721010,729779           | -1.3   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ146    | 721010,729780           | -0.5   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ147    | 721010,729781           | -1.4   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ148    | 721010,729782           | -0.4   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ149    | 721010,729783           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ150    | 721010,729784           | -0.3   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ151    | 721010,729785           | -0.6   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ152    | 721010,729786           | -0.6   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ153    | 721010,729787           | -0.5   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ154    | 721010,729788           | -0.4   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ155    | 721010,729789           | -1.5   | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ156    | 721010,729790           | -0.9   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ157    | 721010,729791           | -0.9   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ158    | 721010,729792           | -0.3   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ159    | 721010,729793           | -0.9   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ160    | 721010,729794           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ161    | 721010,729795           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ162    | 721010,729796           | -1.1   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ163    | 721010,729797           | -1.3   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ164    | 721010,729798           | -1.3   | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ165    | 721010,729799           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ166    | 721010,729800           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ167    | 721010,729801           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ168    | 721010,729802           | -0.5   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ169    | 721010,729803           | -0.9   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ170    | 721010,729804           | -0.4   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ171    | 721010,729805           | -0.4   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ172    | 721010,729806           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ173    | 721010,729807           | -0.4   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ174    | 721010,729808           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ175    | 721010,729809           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ176    | 721010,729810           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ177    | 721010,729811           | -0.3   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ178    | 721010,729812           | -0.3   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ179    | 721010,729813           | -0.3   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ180    | 721010,729814           | -0.3   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ181    | 721010,729815           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ182    | 721010,729816           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ183    | 721010,729817           | -1.1   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ184    | 721010,729818           | -0.7   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ185    | 721010,729819           | -0.7   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ186    | 721010,729820           | -0.7   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ187    | 721010,729821           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ188    | 721010,729822           | -0.6   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ189    | 721010,729823           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ190    | 721010,729824           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ191    | 721010,729825           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ192    | 721010,729826           | -0.2   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ193    | 721010,729827           | -0.3   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ194    | 721010,729828           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ195    | 721010,729829           | -0.3   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ196    | 721010,729830           | -1.6   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ197    | 721010,729831           | -1.8   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ198    | 721010,729832           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ199    | 721010,729833           | -0.6   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ200    | 721010,729834           | -0.4   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ201    | 721010,729835           | -0.4   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ202    | 721010,729836           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ203    | 721010,729837           | -0.3   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ204    | 721010,729838           | -0.3   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ205    | 721010,729839           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ206    | 721010,729840           | -0.4   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ207    | 721010,729841           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ208    | 721010,729842           | -0.6   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ209    | 721010,729843           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ210    | 721010,729844           | -0.7   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ211    | 721010,729845           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ212    | 721010,729846           | -0.6   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ213    | 721010,729847           | -0.9   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ214    | 721010,729848           | <0.1   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ215    | 721010,729849           | 0.7  | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ216    | 721010,729850           | -0.2   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ217    | 721010,729851           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ218    | 721010,729852           | -0.3   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ219    | 721010,729853           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ220    | 721010,729854           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ221    | 721010,729855           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ222    | 721010,729856           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ223    | 721010,729857           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ224    | 721010,729858           | -1.7   | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ225    | 721010,729859           | -0.9   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ226    | 721010,729860           | -0.6   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ227    | 721010,729861           | <0.1   | <0.1             | 0.1               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ228    | 721010,729862           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ229    | 721010,729863           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ230    | 721010,729864           | -0.1   | <0.1             | 0.2               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ231    | 721010,729865           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ232    | 721010,729866           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ233    | 721010,729867           | <0.1   | <0.1             | 0.1               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ234    | 721010,729868           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ235    | 721010,729869           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ236    | 721010,729870           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ237    | 721010,729871           | 0.4  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ238    | 721010,729872           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ239    | 721010,729873           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ240    | 721010,729874           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ241    | 721010,729875           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ242    | 721010,729876           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ243    | 721010,729877           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ244    | 721010,729878           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ245    | 721010,729879           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ246    | 721010,729880           | <0.1   | <0.1             | 0.2               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ247    | 721010,729881           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ248    | 721010,729882           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ249    | 721010,729883           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ250    | 721010,729884           | 0.9  | 0.1              | 0.7               | 0  | Slight Adverse              | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ251    | 721010,729885           | 0.6  | <0.1             | 0.3               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ252    | 721010,729886           | 0.8  | 0.1              | 0.2               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ253    | 721010,729887           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ254    | 721010,729888           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ255    | 721010,729889           | 0.3  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ256    | 721010,729890           | 0.2  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ257    | 721010,729891           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ258    | 721010,729892           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ259    | 721010,729893           | 0.1  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ260    | 721010,729894           | 0.1  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ261    | 721010,729895           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ262    | 721010,729896           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ263    | 721010,729897           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ264    | 721010,729898           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ265    | 721010,729899           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ266    | 721010,729900           | 0.5  | <0.1             | 0.1               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ267    | 721010,729901           | 0.3  | <0.1             | 0.1               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ268    | 721010,729902           | 0.3  | <0.1             | 0.1               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ269    | 721010,729903           | 0.5  | <0.1             | 0.2               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ270    | 721010,729904           | 0.4  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ271    | 721010,729905           | 0.3  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ272    | 721010,729906           | 0.4  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ273    | 721010,729907           | 0.3  | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ274    | 721010,729908           | 0.6  | <0.1             | <0.1              | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ275    | 721010,729909           | 0.4  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ276    | 721010,729910           | 0.3  | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ277    | 721010,729911           | 0.3  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ278    | 721010,729912           | 0.4  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ279    | 721010,729913           | 0.3  | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ280    | 721010,729914           | 0.5  | <0.1             | <0.1              | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ281    | 721010,729915           | 0.8  | <0.1             | <0.1              | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ282    | 721010,729916           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ283    | 721010,729917           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ284    | 721010,729918           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ285    | 721010,729919           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ286    | 721010,729920           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ287    | 721010,729921           | -0.2   | <0.1             | 0.1               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ288    | 721010,729922           | 0.1  | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ289    | 721010,729923           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ290    | 721010,729924           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ291    | 721010,729925           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ292    | 721010,729926           | <0.1   | <0.1             | 0.4               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ293    | 721010,729927           | 0.2  | <0.1             | 0.2               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ294    | 721010,729928           | 0.1  | <0.1             | 0.5               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ295    | 721010,729929           | 0.3  | <0.1             | 0.2               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ296    | 721010,729930           | 0.1  | <0.1             | 0.9               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ297    | 721010,729931           | -0.1   | <0.1             | 0.9               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ298    | 721010,729932           | 0.1  | <0.1             | 0.9               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ299    | 721010,729933           | <0.1   | <0.1             | 0.8               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ300    | 721010,729934           | 0.5  | <0.1             | 1.0               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ301    | 721010,729935           | 0.5  | <0.1             | 0.9               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ302    | 721010,729936           | 0.4  | <0.1             | 0.7               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ303    | 721010,729937           | 0.6  | <0.1             | 1.0               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ304    | 721010,729938           | 0.5  | <0.1             | 0.9               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ305    | 721010,729939           | 0.6  | <0.1             | 1.1               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ306    | 721010,729940           | 0.5  | <0.1             | 0.9               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ307    | 721010,729941           | 0.4  | <0.1             | 0.8               | 0  | Negligible                  | Negligible       | Negligible        |
| AQ308    | 721010,729942           | -0.2   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ309    | 721010,729943           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ310    | 721010,729944           | -0.8   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ311    | 721010,729945           | -0.9   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ312    | 721010,729946           | -0.8   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ313    | 721010,729947           | -1.2   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ314    | 721010,729948           | 0.5  | <0.1             | 0.2               | <1   | Negligible                  | Negligible       | Negligible        |
| AQ315    | 721010,729949           | 0.5  | <0.1             | 0.2               | <1   | Negligible                  | Negligible       | Negligible        |
| AQ316    | 721010,729950           | -2.1   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ317    | 721010,729951           | -1.9   | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ318    | 721010,729952           | -1.6   | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ319    | 721010,729953           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ320    | 721010,729954           | -0.9   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ321    | 721010,729955           | -0.6   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ322    | 721010,729956           | -0.6   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ323    | 721010,729957           | -0.7   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ324    | 721010,729958           | -0.9   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ325    | 721010,729959           | -6.6   | -0.6             | -0.4              | 0  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ326    | 721010,729960           | -1.8   | -0.2             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ327    | 721010,729961           | -1.1   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ328    | 721010,729962           | -1.1   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ329    | 721010,729963           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ330    | 721010,729964           | -1.0   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ331    | 721010,729965           | -0.9   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ332    | 721010,729966           | -0.5   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |



| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ333    | 721010,729967           | -0.3   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ334    | 721010,729968           | -0.3   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ335    | 721010,729969           | -0.6   | -0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ336    | 721010,729970           | 0.8  | 0.1              | 0.7               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ337    | 721010,729971           | 0.6  | <0.1             | 0.3               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ338    | 721010,729972           | 0.7  | 0.1              | 0.3               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ339    | 721010,729973           | 0.6  | 0.1              | 0.2               | 0  | Slight Adverse              | Negligible       | Negligible        |
| AQ340    | 721010,729974           | <0.1   | -0.6             | -0.4              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ341    | 721010,729975           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ342    | 721010,729976           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ343    | 721010,729977           | 0.4  | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ344    | 721010,729978           | -0.1   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ345    | 721010,729979           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ346    | 721010,729980           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ347    | 721010,729981           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ348    | 721010,729982           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ349    | 721010,729983           | -4.4   | -0.5             | -0.3              | <1   | Slight Beneficial           | Negligible       | Negligible        |
| AQ350    | 721010,729984           | <0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ351    | 721010,729985           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ352    | 721010,729986           | -1.6   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ353    | 721010,729987           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ354    | 721010,729988           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ355    | 721010,729989           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ356    | 721010,729990           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ357    | 721010,729991           | -0.5   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ358    | 721010,729992           | -0.2   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ359    | 721010,729993           | -0.2   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ360    | 721010,729994           | -1.8   | -0.3             | -0.2              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ361    | 721010,729995           | 0.2  | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ362    | 721010,729996           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ363    | 721010,729997           | -0.4   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ364    | 721010,729998           | -0.3   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ365    | 721010,729999           | -0.4   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ366    | 721010,730000           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ367    | 721010,730001           | -0.1   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ368    | 721010,730002           | -0.8   | -0.1             | -0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ369    | 721010,730003           | 0.2  | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ370    | 721010,730004           | -0.4   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ371    | 721010,730005           | -0.4   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ372    | 721010,730006           | -0.4   | -0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ373    | 721010,730007           | <0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of PM10 days > $50\mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|--|-----------------------------|------------------|-------------------|
|          |                         | NO <sub>2</sub>  | PM <sub>10</sub> | PM <sub>2.5</sub> |  | NO <sub>2</sub>             | PM <sub>10</sub> | PM <sub>2.5</sub> |
| AQ374    | 721010,730008           | -0.1   | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ375    | 721010,730009           | 3.1  | 0.4              | 0.3               | <1   | Negligible                  | Negligible       | Negligible        |
| AQ376    | 721010,730010           | 2.1  | 0.3              | 0.2               | <1   | Negligible                  | Negligible       | Negligible        |
| AQ377    | 721010,730011           | 0.8  | <0.1             | <0.1              | <1   | Negligible                  | Negligible       | Negligible        |
| AQ378    | 721010,730012           | 2.8  | 0.4              | 0.3               | <1   | Negligible                  | Negligible       | Negligible        |
| AQ379    | 721010,730013           | 2.9  | 0.4              | 0.3               | <1   | Negligible                  | Negligible       | Negligible        |
| AQ380    | 721010,730014           | 2.4  | 0.3              | 0.2               | <1   | Negligible                  | Negligible       | Negligible        |
| AQ381    | 721010,730015           | -0.9   | -0.1             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ382    | 721010,730016           | -1.2   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |
| AQ383    | 721010,730017           | -0.3   | <0.1             | <0.1              | 0  | Negligible                  | Negligible       | Negligible        |
| AQ384    | 721010,730018           | -1.6   | -0.2             | -0.1              | 0  | Slight Beneficial           | Negligible       | Negligible        |

### 3. Operational Phase

#### 3.1 'Do Minimum' Scenario

The DM modelling scenario has been modelled using AMDS-Roads for the Opening Year (2028). Predicted annual mean concentrations of NO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub> and the number of exceedances of the 24 hour PM<sub>10</sub> objective, at all modelled existing air quality sensitive receptors in the 2028 DM scenario are listed in Table 3.1.

**Table 3.1: Predicted Do Minimum Operational Scenario Pollutant Statistics At All Modelled Receptor Locations**

| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ1       | 715367,737143           | 28.2   | 15.0             | 10.6              | <1   |
| AQ2       | 715405,737202           | 25.4   | 14.7             | 10.4              | <1   |
| AQ3       | 715087,736553           | 39.3   | 16.6             | 11.6              | 1  |
| AQ4       | 715079,736527           | 38.7   | 16.6             | 11.6              | 1  |
| AQ5       | 715066,736570           | 42.1   | 16.6             | 11.6              | 1  |
| AQ6       | 715013,736516           | 40.7   | 16.9             | 11.7              | 1  |
| AQ7       | 715127,736243           | 22.9   | 14.4             | 10.2              | <1   |
| AQ8       | 714992,736243           | 35.3   | 16.1             | 11.3              | 1  |
| AQ9       | 715019,736244           | 45.9   | 17.7             | 12.3              | 1  |
| AQ10      | 714997,736266           | 36.4   | 16.2             | 11.3              | 1  |
| AQ11      | 715036,736390           | 51.6   | 17.0             | 11.9              | 1  |
| AQ12      | 715005,736359           | 40.4   | 16.0             | 11.2              | 1  |
| AQ13      | 715043,736434           | 46.6   | 16.8             | 11.7              | 1  |
| AQ14      | 715039,736413           | 50.2   | 16.9             | 11.8              | 1  |
| AQ15      | 715042,736487           | 45.8   | 17.3             | 12.0              | 1  |
| AQ16      | 715031,736487           | 45.6   | 17.1             | 11.9              | 1  |
| AQ17      | 715063,736482           | 46.8   | 17.5             | 12.1              | 1  |
| AQ18      | 715013,736478           | 39.2   | 16.2             | 11.4              | 1  |

| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ19      | 715007,736458           | 35.7   | 15.7             | 11.0              | 1  |
| AQ20      | 714991,734794           | 25.3   | 14.7             | 10.5              | <1   |
| AQ21      | 714973,734731           | 49.6   | 18.7             | 12.8              | 2  |
| AQ22      | 715015,734796           | 24.9   | 14.7             | 10.4              | <1   |
| AQ23      | 715042,734747           | 49.9   | 18.9             | 12.9              | 2  |
| AQ24      | 715021,734710           | 44.4   | 17.6             | 12.2              | 1  |
| AQ25      | 714966,734791           | 26.7   | 14.9             | 10.6              | <1   |
| AQ26      | 714967,734805           | 26.4   | 14.9             | 10.5              | <1   |
| AQ27      | 714963,734840           | 26.9   | 14.9             | 10.6              | <1   |
| AQ28      | 714879,734648           | 50.3   | 18.5             | 12.7              | 2  |
| AQ29      | 714933,734823           | 37.4   | 16.3             | 11.4              | 1  |
| AQ30      | 714962,734854           | 26.3   | 14.8             | 10.5              | <1   |
| AQ31      | 714922,734731           | 41.3   | 17.1             | 11.9              | 1  |
| AQ32      | 714879,734757           | 41.6   | 16.8             | 11.7              | 1  |
| AQ33      | 714886,734787           | 42.7   | 16.9             | 11.8              | 1  |
| AQ34      | 714868,734720           | 60.9   | 19.9             | 13.6              | 3  |
| AQ35      | 714934,734702           | 39.5   | 16.9             | 11.7              | 1  |
| AQ36      | 714861,734526           | 41.5   | 17.0             | 11.8              | 1  |
| AQ37      | 715081,734346           | 29.9   | 15.3             | 10.8              | <1   |
| AQ38      | 715098,734328           | 23.2   | 14.4             | 10.3              | <1   |
| AQ39      | 714878,734543           | 50.6   | 18.5             | 12.7              | 2  |
| AQ40      | 714855,734461           | 35.3   | 16.0             | 11.2              | 1  |
| AQ41      | 714882,734463           | 40.2   | 16.7             | 11.6              | 1  |
| AQ42      | 715090,734382           | 24.1   | 14.6             | 10.3              | <1   |
| AQ43      | 714878,734485           | 52.5   | 18.6             | 12.8              | 2  |
| AQ44      | 714879,734603           | 48.5   | 18.1             | 12.5              | 2  |
| AQ45      | 714879,734636           | 49.5   | 18.3             | 12.6              | 2  |
| AQ46      | 715040,734582           | 24.2   | 14.6             | 10.3              | <1   |
| AQ47      | 715054,734524           | 24.0   | 14.5             | 10.3              | <1   |
| AQ48      | 715014,734688           | 32.5   | 15.7             | 11.1              | 1  |
| AQ49      | 714852,734429           | 38.3   | 16.4             | 11.5              | 1  |
| AQ50      | 714829,734297           | 42.0   | 17.0             | 11.8              | 1  |
| AQ51      | 714813,734240           | 59.9   | 18.6             | 12.8              | 2  |
| AQ52      | 714862,734650           | 38.7   | 16.6             | 11.6              | 1  |
| AQ53      | 714930,735661           | 37.9   | 16.7             | 11.6              | 1  |
| AQ54      | 715025,735693           | 22.3   | 14.3             | 10.2              | <1   |
| AQ55      | 714934,735443           | 34.6   | 16.5             | 11.5              | 1  |
| AQ56      | 714921,735579           | 34.2   | 16.3             | 11.4              | 1  |
| AQ57      | 714941,735567           | 36.1   | 16.7             | 11.6              | 1  |
| AQ58      | 714924,735634           | 33.4   | 16.1             | 11.3              | 1  |
| AQ59      | 714995,735557           | 21.9   | 14.3             | 10.2              | <1   |

| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ60      | 714940,735556           | 36.3   | 16.8             | 11.6              | 1  |
| AQ61      | 715006,735602           | 21.9   | 14.3             | 10.2              | <1   |
| AQ62      | 714948,735651           | 36.6   | 16.6             | 11.6              | 1  |
| AQ63      | 714947,735623           | 35.1   | 16.4             | 11.4              | 1  |
| AQ64      | 714951,735075           | 30.4   | 15.4             | 10.9              | <1   |
| AQ65      | 715013,735172           | 23.4   | 14.4             | 10.3              | <1   |
| AQ66      | 714947,735276           | 31.8   | 16.0             | 11.2              | 1  |
| AQ67      | 714919,735282           | 30.2   | 15.7             | 11.0              | 1  |
| AQ68      | 715021,735319           | 22.0   | 14.3             | 10.2              | <1   |
| AQ69      | 714983,735335           | 22.3   | 14.4             | 10.2              | <1   |
| AQ70      | 714939,735355           | 35.7   | 16.7             | 11.6              | 1  |
| AQ71      | 714909,735428           | 31.0   | 15.9             | 11.1              | 1  |
| AQ72      | 714988,735422           | 21.9   | 14.3             | 10.2              | <1   |
| AQ73      | 715021,735364           | 21.8   | 14.3             | 10.2              | 1  |
| AQ74      | 714941,735350           | 34.6   | 16.5             | 11.5              | 1  |
| AQ75      | 714984,735349           | 22.2   | 14.4             | 10.2              | <1   |
| AQ76      | 714909,735447           | 31.6   | 16.0             | 11.2              | 1  |
| AQ77      | 715293,737083           | 24.2   | 14.6             | 10.3              | <1   |
| AQ78      | 715177,737114           | 22.2   | 14.3             | 10.2              | <1   |
| AQ79      | 715163,737145           | 22.0   | 14.3             | 10.2              | <1   |
| AQ80      | 715144,737111           | 21.5   | 14.2             | 10.1              | 1  |
| AQ81      | 715290,737211           | 23.0   | 14.4             | 10.2              | <1   |
| AQ82      | 715347,737160           | 25.7   | 14.7             | 10.4              | <1   |
| AQ83      | 714970,736162           | 37.2   | 16.3             | 11.4              | 1  |
| AQ84      | 714955,736106           | 38.5   | 16.4             | 11.4              | 1  |
| AQ85      | 714989,736233           | 38.8   | 16.6             | 11.6              | 1  |
| AQ86      | 714973,736173           | 33.6   | 15.8             | 11.1              | 1  |
| AQ87      | 715004,736160           | 37.3   | 16.3             | 11.4              | 1  |
| AQ88      | 715112,736223           | 23.1   | 14.4             | 10.3              | <1   |
| AQ89      | 715137,736797           | 24.7   | 14.6             | 10.4              | <1   |
| AQ90      | 715162,736781           | 25.8   | 14.8             | 10.5              | <1   |
| AQ91      | 715141,736805           | 24.8   | 14.6             | 10.4              | <1   |
| AQ92      | 715168,736799           | 25.7   | 14.8             | 10.5              | <1   |
| AQ93      | 715173,736886           | 25.4   | 14.7             | 10.4              | <1   |
| AQ94      | 715231,736947           | 26.6   | 14.9             | 10.5              | <1   |
| AQ95      | 715198,736881           | 26.4   | 14.8             | 10.5              | <1   |
| AQ96      | 715201,736958           | 24.1   | 14.5             | 10.3              | <1   |
| AQ97      | 715253,737014           | 24.4   | 14.6             | 10.4              | <1   |
| AQ98      | 715233,736996           | 24.3   | 14.6             | 10.3              | <1   |
| AQ99      | 715217,737019           | 23.9   | 14.5             | 10.3              | <1   |
| AQ100     | 715208,736990           | 23.3   | 14.4             | 10.3              | <1   |

| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ101     | 715331,737143           | 24.5   | 14.6             | 10.4              | <1   |
| AQ102     | 715194,737012           | 22.4   | 14.3             | 10.2              | <1   |
| AQ103     | 715254,736967           | 24.9   | 14.6             | 10.4              | <1   |
| AQ104     | 714985,736585           | 47.1   | 18.0             | 12.4              | 2  |
| AQ105     | 714971,736562           | 33.4   | 15.9             | 11.1              | 1  |
| AQ106     | 715104,736604           | 41.3   | 16.1             | 11.3              | 1  |
| AQ107     | 715073,736602           | 39.3   | 16.1             | 11.3              | 1  |
| AQ108     | 715094,736577           | 42.0   | 16.3             | 11.4              | 1  |
| AQ109     | 715079,736628           | 53.6   | 18.1             | 12.5              | 2  |
| AQ110     | 715037,736623           | 42.5   | 17.1             | 11.9              | 1  |
| AQ111     | 714922,736655           | 33.7   | 15.8             | 11.1              | 1  |
| AQ112     | 714935,736628           | 32.6   | 15.8             | 11.1              | 1  |
| AQ113     | 714908,736683           | 32.9   | 15.9             | 11.1              | 1  |
| AQ114     | 714932,736700           | 39.1   | 16.9             | 11.7              | 1  |
| AQ115     | 714942,736675           | 46.3   | 17.7             | 12.2              | 1  |
| AQ116     | 714871,736757           | 24.6   | 14.7             | 10.4              | <1   |
| AQ117     | 714755,736779           | 23.8   | 14.6             | 10.4              | <1   |
| AQ118     | 714867,736710           | 23.6   | 14.5             | 10.3              | <1   |
| AQ119     | 715101,736694           | 26.1   | 14.8             | 10.5              | <1   |
| AQ120     | 715086,735971           | 27.4   | 14.9             | 10.5              | <1   |
| AQ121     | 715093,736100           | 23.5   | 14.5             | 10.3              | <1   |
| AQ122     | 714979,736090           | 42.0   | 16.5             | 11.5              | 1  |
| AQ123     | 714979,735962           | 42.5   | 17.2             | 11.9              | 1  |
| AQ124     | 715071,736007           | 24.7   | 14.6             | 10.4              | <1   |
| AQ125     | 715067,736024           | 24.0   | 14.5             | 10.3              | <1   |
| AQ126     | 714973,736042           | 51.3   | 18.6             | 12.8              | 2  |
| AQ127     | 714961,735948           | 40.5   | 16.8             | 11.7              | 1  |
| AQ128     | 714987,736629           | 39.3   | 16.9             | 11.7              | 1  |
| AQ129     | 715001,736510           | 34.9   | 16.0             | 11.2              | 1  |
| AQ130     | 714982,735770           | 42.8   | 17.3             | 12.0              | 1  |
| AQ131     | 715040,735787           | 23.0   | 14.4             | 10.3              | <1   |
| AQ132     | 714977,735755           | 37.1   | 16.4             | 11.4              | 1  |
| AQ133     | 714965,735877           | 40.5   | 16.8             | 11.7              | 1  |
| AQ134     | 714984,735852           | 40.2   | 16.8             | 11.7              | 1  |
| AQ135     | 714996,735909           | 52.8   | 18.5             | 12.8              | 2  |
| AQ136     | 714949,735909           | 50.2   | 18.1             | 12.5              | 2  |
| AQ137     | 715060,735903           | 31.1   | 15.4             | 10.8              | <1   |
| AQ138     | 715056,735882           | 27.5   | 14.9             | 10.6              | <1   |
| AQ139     | 714996,735890           | 46.2   | 17.5             | 12.1              | 1  |
| AQ140     | 715091,735902           | 38.0   | 16.2             | 11.3              | 1  |
| AQ141     | 714933,735676           | 42.3   | 16.9             | 11.8              | 1  |

| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ142     | 714955,735674           | 40.9   | 16.7             | 11.6              | 1  |
| AQ143     | 714966,735785           | 35.0   | 16.1             | 11.2              | 1  |
| AQ144     | 714953,735742           | 40.5   | 16.9             | 11.7              | 1  |
| AQ145     | 714983,735786           | 37.9   | 16.5             | 11.5              | 1  |
| AQ146     | 714935,734960           | 31.6   | 15.6             | 11.0              | 1  |
| AQ147     | 714956,734916           | 47.5   | 18.1             | 12.5              | 2  |
| AQ148     | 714922,734916           | 30.8   | 15.5             | 10.9              | 1  |
| AQ149     | 714472,736949           | 22.8   | 14.4             | 10.3              | <1   |
| AQ150     | 714313,737120           | 23.2   | 14.5             | 10.3              | <1   |
| AQ151     | 715434,738674           | 26.2   | 15.0             | 10.6              | <1   |
| AQ152     | 715372,738863           | 23.3   | 14.5             | 10.3              | <1   |
| AQ153     | 715383,738759           | 23.4   | 14.5             | 10.3              | <1   |
| AQ154     | 715384,738655           | 23.2   | 14.5             | 10.3              | <1   |
| AQ155     | 715476,737643           | 25.9   | 14.8             | 10.5              | <1   |
| AQ156     | 715481,737594           | 23.9   | 14.5             | 10.3              | <1   |
| AQ157     | 715481,737594           | 23.9   | 14.5             | 10.3              | <1   |
| AQ158     | 715433,737920           | 27.9   | 15.0             | 10.6              | <1   |
| AQ159     | 715447,737859           | 25.5   | 14.7             | 10.4              | <1   |
| AQ160     | 715444,737620           | 23.6   | 14.5             | 10.3              | <1   |
| AQ161     | 715438,737675           | 23.1   | 14.4             | 10.3              | <1   |
| AQ162     | 715451,737821           | 25.3   | 14.7             | 10.4              | <1   |
| AQ163     | 715464,737747           | 25.3   | 14.7             | 10.4              | <1   |
| AQ164     | 715467,737724           | 25.5   | 14.7             | 10.4              | <1   |
| AQ165     | 715404,738140           | 25.3   | 14.8             | 10.5              | <1   |
| AQ166     | 715404,738108           | 25.7   | 14.8             | 10.5              | <1   |
| AQ167     | 715360,738284           | 24.8   | 14.8             | 10.5              | <1   |
| AQ168     | 715372,738462           | 24.3   | 14.7             | 10.4              | <1   |
| AQ169     | 715357,738177           | 25.1   | 14.8             | 10.5              | <1   |
| AQ170     | 715194,737262           | 21.6   | 14.2             | 10.1              | 1  |
| AQ171     | 715236,737223           | 22.1   | 14.3             | 10.2              | <1   |
| AQ172     | 715175,737516           | 23.6   | 14.5             | 10.3              | <1   |
| AQ173     | 715178,737488           | 21.8   | 14.3             | 10.2              | 1  |
| AQ174     | 715190,737457           | 22.3   | 14.3             | 10.2              | <1   |
| AQ175     | 715277,737200           | 22.3   | 14.3             | 10.2              | <1   |
| AQ176     | 715218,737212           | 22.2   | 14.3             | 10.2              | <1   |
| AQ177     | 715202,737773           | 21.7   | 14.2             | 10.2              | 1  |
| AQ178     | 715342,737941           | 26.7   | 14.9             | 10.5              | <1   |
| AQ179     | 715315,737902           | 24.3   | 14.6             | 10.3              | <1   |
| AQ180     | 715275,737837           | 22.1   | 14.3             | 10.2              | 1  |
| AQ181     | 715269,737897           | 22.4   | 14.3             | 10.2              | <1   |
| AQ182     | 715382,737333           | 23.1   | 14.5             | 10.3              | <1   |

| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ183     | 715451,737821           | 25.3   | 14.7             | 10.4              | <1   |
| AQ184     | 715428,737722           | 23.1   | 14.4             | 10.2              | <1   |
| AQ185     | 715426,737732           | 23.0   | 14.4             | 10.2              | <1   |
| AQ186     | 715415,737814           | 23.4   | 14.5             | 10.3              | <1   |
| AQ187     | 715364,737295           | 22.4   | 14.4             | 10.2              | <1   |
| AQ188     | 715363,738002           | 25.8   | 14.8             | 10.5              | <1   |
| AQ189     | 715429,737551           | 23.2   | 14.5             | 10.3              | <1   |
| AQ190     | 715405,737461           | 22.8   | 14.4             | 10.3              | <1   |
| AQ191     | 715401,737878           | 24.6   | 14.6             | 10.4              | <1   |
| AQ192     | 715387,737927           | 27.1   | 14.9             | 10.5              | <1   |
| AQ193     | 715382,737998           | 25.3   | 14.7             | 10.4              | <1   |
| AQ194     | 715391,737396           | 22.9   | 14.4             | 10.3              | <1   |
| AQ195     | 715416,738010           | 25.9   | 14.8             | 10.5              | <1   |
| AQ196     | 715410,740446           | 26.2   | 14.9             | 10.5              | <1   |
| AQ197     | 715385,740597           | 26.0   | 14.9             | 10.5              | <1   |
| AQ198     | 715403,740362           | 24.3   | 14.6             | 10.4              | <1   |
| AQ199     | 715130,737642           | 22.6   | 14.4             | 10.2              | <1   |
| AQ200     | 715231,737459           | 21.8   | 14.3             | 10.2              | 1  |
| AQ201     | 715226,737338           | 22.1   | 14.3             | 10.2              | 1  |
| AQ202     | 715221,737400           | 22.4   | 14.3             | 10.2              | <1   |
| AQ203     | 715191,737420           | 21.7   | 14.2             | 10.2              | 1  |
| AQ204     | 715182,737371           | 21.4   | 14.2             | 10.1              | 1  |
| AQ205     | 715114,737548           | 22.4   | 14.3             | 10.2              | <1   |
| AQ206     | 715153,737684           | 21.9   | 14.3             | 10.2              | 1  |
| AQ207     | 715502,739359           | 25.5   | 14.9             | 10.5              | <1   |
| AQ208     | 715408,739100           | 27.6   | 15.0             | 10.6              | <1   |
| AQ209     | 715493,739262           | 25.9   | 14.9             | 10.6              | <1   |
| AQ210     | 715368,738953           | 24.1   | 14.6             | 10.3              | <1   |
| AQ211     | 715434,739035           | 27.0   | 15.0             | 10.6              | <1   |
| AQ212     | 715452,739042           | 25.8   | 14.8             | 10.5              | <1   |
| AQ213     | 715416,738981           | 26.6   | 15.0             | 10.6              | <1   |
| AQ214     | 713910,737756           | 23.4   | 14.5             | 10.3              | <1   |
| AQ215     | 713962,737748           | 28.2   | 15.2             | 10.7              | <1   |
| AQ216     | 713991,737518           | 22.9   | 14.4             | 10.3              | <1   |
| AQ217     | 713176,738821           | 28.6   | 15.2             | 10.7              | <1   |
| AQ218     | 713196,738843           | 28.3   | 15.2             | 10.7              | <1   |
| AQ219     | 713839,738020           | 22.8   | 14.4             | 10.3              | <1   |
| AQ220     | 713797,738159           | 23.6   | 14.6             | 10.3              | <1   |
| AQ221     | 713742,738142           | 22.3   | 14.4             | 10.2              | <1   |
| AQ222     | 713329,738634           | 24.0   | 14.7             | 10.4              | <1   |
| AQ223     | 713049,738954           | 22.7   | 14.4             | 10.3              | <1   |

| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ224     | 715314,737046           | 23.8   | 14.5             | 10.3              | <1   |
| AQ225     | 715359,737115           | 24.9   | 14.6             | 10.4              | <1   |
| AQ226     | 715433,739637           | 24.5   | 14.6             | 10.4              | <1   |
| AQ227     | 714782,734168           | 47.0   | 17.7             | 12.2              | 1  |
| AQ228     | 714806,734148           | 52.4   | 18.6             | 12.8              | 2  |
| AQ229     | 714790,734058           | 54.7   | 18.9             | 13.0              | 2  |
| AQ230     | 714768,734036           | 49.1   | 17.8             | 12.3              | 1  |
| AQ231     | 714815,733986           | 43.3   | 17.5             | 12.1              | 1  |
| AQ232     | 714898,733940           | 37.3   | 16.4             | 11.4              | 1  |
| AQ233     | 714868,733938           | 37.1   | 16.2             | 11.4              | 1  |
| AQ234     | 715040,733934           | 46.1   | 17.5             | 12.1              | 1  |
| AQ235     | 714960,733960           | 42.5   | 17.0             | 11.8              | 1  |
| AQ236     | 715087,733873           | 38.5   | 16.5             | 11.5              | 1  |
| AQ237     | 714703,734262           | 50.7   | 19.4             | 13.2              | 3  |
| AQ238     | 714716,734342           | 24.6   | 14.6             | 10.4              | <1   |
| AQ239     | 714723,734337           | 24.6   | 14.6             | 10.4              | <1   |
| AQ240     | 714735,734416           | 24.9   | 14.6             | 10.4              | <1   |
| AQ241     | 714738,734493           | 23.2   | 14.4             | 10.3              | <1   |
| AQ242     | 714793,734626           | 26.0   | 14.8             | 10.5              | <1   |
| AQ243     | 714777,734605           | 24.7   | 14.6             | 10.4              | <1   |
| AQ244     | 714796,734634           | 26.8   | 14.9             | 10.5              | <1   |
| AQ245     | 714770,734550           | 24.2   | 14.6             | 10.3              | <1   |
| AQ246     | 714947,734693           | 36.8   | 16.4             | 11.4              | 1  |
| AQ247     | 714953,734491           | 25.4   | 14.7             | 10.4              | <1   |
| AQ248     | 714951,734470           | 24.3   | 14.5             | 10.3              | <1   |
| AQ249     | 714958,734578           | 24.2   | 14.6             | 10.3              | <1   |
| AQ250     | 715173,734810           | 43.0   | 17.3             | 12.0              | 1  |
| AQ251     | 715149,734779           | 39.6   | 16.9             | 11.7              | 1  |
| AQ252     | 715114,734778           | 41.2   | 17.2             | 11.9              | 1  |
| AQ253     | 714712,734756           | 30.2   | 15.5             | 10.9              | <1   |
| AQ254     | 714707,734771           | 33.8   | 16.1             | 11.2              | 1  |
| AQ255     | 714517,734365           | 39.0   | 16.2             | 11.4              | 1  |
| AQ256     | 714507,734382           | 35.1   | 15.9             | 11.2              | 1  |
| AQ257     | 714516,734462           | 31.8   | 15.6             | 11.0              | 1  |
| AQ258     | 714522,734505           | 33.4   | 15.9             | 11.1              | 1  |
| AQ259     | 714538,734639           | 43.6   | 17.5             | 12.1              | 1  |
| AQ260     | 714540,734541           | 37.9   | 16.6             | 11.5              | 1  |
| AQ261     | 714663,734669           | 35.3   | 16.2             | 11.3              | 1  |
| AQ262     | 714575,734672           | 37.6   | 16.5             | 11.5              | 1  |
| AQ263     | 714676,734657           | 31.1   | 15.6             | 11.0              | 1  |
| AQ264     | 714671,734746           | 3<0.1  | 15.4             | 10.9              | <1   |



| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ265     | 714662,734762           | 33.4   | 16.0             | 11.2              | 1  |
| AQ266     | 714404,734696           | 40.7   | 16.9             | 11.8              | 1  |
| AQ267     | 714410,734682           | 34.9   | 16.2             | 11.3              | 1  |
| AQ268     | 714392,734685           | 33.0   | 15.9             | 11.1              | 1  |
| AQ269     | 714399,734732           | 44.4   | 17.2             | 12.0              | 1  |
| AQ270     | 714339,734787           | 31.6   | 15.5             | 10.9              | 1  |
| AQ271     | 714344,734781           | 31.7   | 15.5             | 10.9              | 1  |
| AQ272     | 714379,734734           | 34.8   | 15.9             | 11.2              | 1  |
| AQ273     | 714292,734856           | 29.8   | 15.4             | 10.8              | <1   |
| AQ274     | 714346,734806           | 38.2   | 16.5             | 11.5              | 1  |
| AQ275     | 714259,734954           | 34.4   | 16.0             | 11.2              | 1  |
| AQ276     | 714232,734942           | 29.9   | 15.4             | 10.8              | <1   |
| AQ277     | 714238,734930           | 31.8   | 15.6             | 11.0              | 1  |
| AQ278     | 714216,735009           | 33.3   | 15.8             | 11.1              | 1  |
| AQ279     | 714191,734990           | 30.2   | 15.4             | 10.8              | <1   |
| AQ280     | 714254,734966           | 38.6   | 16.7             | 11.6              | 1  |
| AQ281     | 714176,735042           | 43.1   | 17.0             | 11.9              | 1  |
| AQ282     | 714134,735080           | 34.7   | 16.0             | 11.2              | 1  |
| AQ283     | 714121,735080           | 30.5   | 15.5             | 10.9              | <1   |
| AQ284     | 714021,735211           | 34.6   | 16.2             | 11.3              | 1  |
| AQ285     | 714028,735223           | 43.7   | 17.6             | 12.2              | 1  |
| AQ286     | 714012,735224           | 28.7   | 15.3             | 10.8              | <1   |
| AQ287     | 713935,735463           | 48.3   | 17.2             | 12.0              | 1  |
| AQ288     | 713913,735489           | 49.0   | 17.3             | 12.0              | 1  |
| AQ289     | 713973,735329           | 36.6   | 16.4             | 11.5              | 1  |
| AQ290     | 714818,735878           | 25.8   | 14.8             | 10.5              | <1   |
| AQ291     | 714676,735906           | 25.5   | 14.9             | 10.5              | <1   |
| AQ292     | 715709,735720           | 52.3   | 18.2             | 12.5              | 2  |
| AQ293     | 715700,735702           | 45.4   | 17.3             | 12.0              | 1  |
| AQ294     | 715682,735736           | 44.2   | 17.3             | 12.0              | 1  |
| AQ295     | 715667,735718           | 40.3   | 16.7             | 11.6              | 1  |
| AQ296     | 715727,735815           | 52.9   | 18.5             | 12.7              | 2  |
| AQ297     | 715744,735788           | 47.3   | 17.7             | 12.3              | 1  |
| AQ298     | 715756,735810           | 46.4   | 17.7             | 12.2              | 1  |
| AQ299     | 715718,735803           | 48.1   | 17.8             | 12.3              | 1  |
| AQ300     | 715799,735893           | 46.0   | 17.7             | 12.3              | 1  |
| AQ301     | 715769,735905           | 45.3   | 17.6             | 12.2              | 1  |
| AQ302     | 715775,735917           | 41.3   | 16.9             | 11.8              | 1  |
| AQ303     | 715814,735918           | 47.4   | 17.7             | 12.3              | 1  |
| AQ304     | 715818,735992           | 44.3   | 17.3             | 12.0              | 1  |
| AQ305     | 715846,735982           | 48.1   | 17.9             | 12.4              | 2  |

| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ306     | 715843,736047           | 53.3   | 19.0             | 13.0              | 2  |
| AQ307     | 715872,736028           | 46.3   | 17.8             | 12.3              | 1  |
| AQ308     | 715719,736094           | 27.4   | 15.0             | 10.6              | <1   |
| AQ309     | 715702,736101           | 25.9   | 14.9             | 10.5              | <1   |
| AQ310     | 715776,736219           | 26.5   | 14.8             | 10.5              | <1   |
| AQ311     | 715759,736226           | 26.3   | 14.8             | 10.5              | <1   |
| AQ312     | 715784,736236           | 26.6   | 14.8             | 10.5              | <1   |
| AQ313     | 715771,736252           | 26.9   | 14.9             | 10.5              | <1   |
| AQ314     | 715822,736361           | 23.4   | 14.4             | 10.3              | <1   |
| AQ315     | 715840,736353           | 23.4   | 14.4             | 10.3              | <1   |
| AQ316     | 715616,736364           | 26.4   | 14.8             | 10.5              | <1   |
| AQ317     | 715623,736322           | 25.9   | 14.7             | 10.5              | <1   |
| AQ318     | 715613,736350           | 25.1   | 14.7             | 10.4              | <1   |
| AQ319     | 715635,736434           | 22.6   | 14.4             | 10.2              | <1   |
| AQ320     | 715370,736516           | 23.5   | 14.5             | 10.3              | <1   |
| AQ321     | 715389,736493           | 22.6   | 14.3             | 10.2              | <1   |
| AQ322     | 715369,736493           | 22.6   | 14.4             | 10.2              | <1   |
| AQ323     | 715391,736518           | 23.0   | 14.4             | 10.2              | <1   |
| AQ324     | 715471,736389           | 23.1   | 14.4             | 10.3              | <1   |
| AQ325     | 715056,736459           | 46.3   | 17.1             | 11.9              | 1  |
| AQ326     | 715249,736428           | 25.1   | 14.6             | 10.4              | <1   |
| AQ327     | 715248,736406           | 23.6   | 14.5             | 10.3              | <1   |
| AQ328     | 715200,736539           | 24.3   | 14.5             | 10.3              | <1   |
| AQ329     | 715192,736521           | 23.3   | 14.4             | 10.3              | <1   |
| AQ330     | 714753,736291           | 22.9   | 14.4             | 10.2              | <1   |
| AQ331     | 714757,736304           | 22.8   | 14.4             | 10.2              | <1   |
| AQ332     | 714737,736303           | 21.9   | 14.3             | 10.2              | 1  |
| AQ333     | 714887,734697           | 44.8   | 17.5             | 12.1              | 1  |
| AQ334     | 714918,734776           | 39.7   | 16.6             | 11.6              | 1  |
| AQ335     | 714920,734871           | 35.3   | 16.2             | 11.3              | 1  |
| AQ336     | 715161,734821           | 41.1   | 17.0             | 11.8              | 1  |
| AQ337     | 715050,734723           | 39.5   | 17.0             | 11.8              | 1  |
| AQ338     | 715051,734749           | 41.5   | 17.3             | 12.0              | 1  |
| AQ339     | 715094,734741           | 39.5   | 16.9             | 11.8              | 1  |
| AQ340     | 715098,736591           | 41.9   | 16.0             | 11.2              | 1  |
| AQ341     | 713864,738074           | 24.1   | 14.6             | 10.4              | <1   |
| AQ342     | 712749,739812           | 28.1   | 15.3             | 10.8              | <1   |
| AQ343     | 712613,739799           | 22.6   | 14.4             | 10.2              | <1   |
| AQ344     | 712753,739720           | 24.7   | 14.8             | 10.5              | <1   |
| AQ345     | 715026,734392           | 23.0   | 14.4             | 10.2              | <1   |
| AQ346     | 714997,734396           | 23.6   | 14.5             | 10.3              | <1   |

| DM (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM10 days > $50\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ347     | 714828,734792           | 25.1   | 14.6             | 10.4              | <1   |
| AQ348     | 715093,734269           | 24.1   | 14.6             | 10.3              | <1   |
| AQ349     | 714999,736553           | 31.7   | 15.6             | 11.0              | 1  |
| AQ350     | 712507,739809           | 20.6   | 14.1             | 10.1              | 1  |
| AQ351     | 714745,734486           | 23.5   | 14.5             | 10.3              | <1   |
| AQ352     | 715510,740236           | 28.4   | 15.3             | 10.8              | <1   |
| AQ353     | 715191,735865           | 29.8   | 15.3             | 10.8              | <1   |
| AQ354     | 714829,734740           | 32.6   | 15.7             | 11.0              | 1  |
| AQ355     | 714829,734774           | 26.4   | 14.8             | 10.5              | <1   |
| AQ356     | 715571,737454           | 23.2   | 14.5             | 10.3              | <1   |
| AQ357     | 715238,737251           | 22.9   | 14.4             | 10.2              | <1   |
| AQ358     | 715309,737551           | 21.0   | 14.2             | 10.1              | 1  |
| AQ359     | 715213,737647           | 21.0   | 14.2             | 10.1              | 1  |
| AQ360     | 715472,737544           | 28.9   | 15.3             | 10.8              | <1   |
| AQ361     | 713269,739047           | 25.0   | 14.7             | 10.4              | <1   |
| AQ362     | 715655,738657           | 20.8   | 14.2             | 10.1              | 1  |
| AQ363     | 714840,736724           | 23.2   | 14.5             | 10.3              | <1   |
| AQ364     | 715306,737965           | 24.9   | 14.7             | 10.4              | <1   |
| AQ365     | 715330,738134           | 22.4   | 14.4             | 10.2              | <1   |
| AQ366     | 715193,737898           | 21.4   | 14.2             | 10.1              | 1  |
| AQ367     | 715005,737589           | 21.0   | 14.2             | 10.1              | 1  |
| AQ368     | 713655,738228           | 23.4   | 14.5             | 10.3              | <1   |
| AQ369     | 713028,738778           | 22.2   | 14.4             | 10.2              | <1   |
| AQ370     | 715358,738994           | 22.7   | 14.4             | 10.2              | <1   |
| AQ371     | 715430,739469           | 22.4   | 14.4             | 10.2              | <1   |
| AQ372     | 715520,739462           | 23.0   | 14.5             | 10.3              | <1   |
| AQ373     | 714738,734460           | 23.6   | 14.5             | 10.3              | <1   |
| AQ374     | 714853,734440           | 25.5   | 14.7             | 10.4              | <1   |
| AQ375     | 715695,736814           | 24.9   | 14.7             | 10.4              | <1   |
| AQ376     | 715503,737018           | 23.8   | 14.5             | 10.3              | <1   |
| AQ377     | 715494,737000           | 22.1   | 14.3             | 10.2              | <1   |
| AQ378     | 715828,736777           | 23.9   | 14.5             | 10.3              | <1   |
| AQ379     | 715831,736757           | 22.9   | 14.4             | 10.2              | <1   |
| AQ380     | 715818,736759           | 22.7   | 14.3             | 10.2              | <1   |
| AQ381     | 714961,735923           | 45.6   | 17.5             | 12.1              | 1  |
| AQ382     | 714983,735876           | 43.6   | 17.2             | 12.0              | 1  |
| AQ383     | 714948,735892           | 42.9   | 17.0             | 11.8              | 1  |
| AQ384     | 714980,735923           | 50.1   | 18.2             | 12.6              | 2  |

### 3.2 'Do Something' Scenario

The DS modelling scenario has been modelled using AMDS-Roads for the Opening Year (2028) annual mean concentrations of NO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub> and the number of exceedances of the 24 hour PM<sub>10</sub> objective, at selected worst-case existing air quality sensitive receptors in the 2028 DS scenario are listed in Table 3.2.

**Table 3.2: Predicted Do Something Operational Scenario Pollutant Statistics At All Modelled Receptor Locations**

| DS (2028) |                         |  |                  |                   |  |
|-----------|-------------------------|--|------------------|-------------------|--|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. (µg/m <sup>3</sup> ) |                  |                   | No of PM <sub>10</sub> days > 50 µg/m <sup>3</sup> |
|           |                         | NO <sub>2</sub>                        | PM <sub>10</sub> | PM <sub>2.5</sub> |  |
| AQ1       | 715367,737143           | 26.6                                   | 14.9             | 10.5              | <1   |
| AQ2       | 715405,737202           | 24.3                                   | 14.6             | 10.3              | <1   |
| AQ3       | 715087,736553           | 37.1                                   | 16.1             | 11.3              | 1  |
| AQ4       | 715079,736527           | 36.6                                   | 16.0             | 11.2              | 1  |
| AQ5       | 715066,736570           | 41.2                                   | 16.4             | 11.5              | 1  |
| AQ6       | 715013,736516           | 40.1                                   | 16.3             | 11.4              | 1  |
| AQ7       | 715127,736243           | 22.8                                   | 14.4             | 10.2              | <1   |
| AQ8       | 714992,736243           | 31.6                                   | 15.5             | 10.9              | 1  |
| AQ9       | 715019,736244           | 40.5                                   | 16.9             | 11.8              | 1  |
| AQ10      | 714997,736266           | 32.8                                   | 15.7             | 11.0              | 1  |
| AQ11      | 715036,736390           | 45.6                                   | 16.7             | 11.6              | 1  |
| AQ12      | 715005,736359           | 36.5                                   | 15.8             | 11.1              | 1  |
| AQ13      | 715043,736434           | 42.1                                   | 16.5             | 11.5              | 1  |
| AQ14      | 715039,736413           | 44.4                                   | 16.6             | 11.6              | 1  |
| AQ15      | 715042,736487           | 41.9                                   | 16.6             | 11.6              | 1  |
| AQ16      | 715031,736487           | 41.4                                   | 16.5             | 11.5              | 1  |
| AQ17      | 715063,736482           | 42.3                                   | 16.7             | 11.6              | 1  |
| AQ18      | 715013,736478           | 35.9                                   | 15.8             | 11.1              | 1  |
| AQ19      | 715007,736458           | 32.4                                   | 15.4             | 10.9              | <1   |
| AQ20      | 714991,734794           | 24.1                                   | 14.6             | 10.3              | <1   |
| AQ21      | 714973,734731           | 42.3                                   | 17.5             | 12.1              | 1  |
| AQ22      | 715015,734796           | 24.0                                   | 14.6             | 10.3              | <1   |
| AQ23      | 715042,734747           | 45.8                                   | 18.2             | 12.5              | 2  |
| AQ24      | 715021,734710           | 39.7                                   | 16.9             | 11.7              | 1  |
| AQ25      | 714966,734791           | 24.8                                   | 14.6             | 10.4              | <1   |
| AQ26      | 714967,734805           | 24.4                                   | 14.6             | 10.4              | <1   |
| AQ27      | 714963,734840           | 24.2                                   | 14.5             | 10.3              | <1   |
| AQ28      | 714879,734648           | 40.9                                   | 17.0             | 11.8              | 1  |
| AQ29      | 714933,734823           | 35.3                                   | 15.9             | 11.2              | 1  |
| AQ30      | 714962,734854           | 24.2                                   | 14.6             | 10.3              | <1   |
| AQ31      | 714922,734731           | 38.2                                   | 16.5             | 11.5              | 1  |
| AQ32      | 714879,734757           | 41.7                                   | 16.4             | 11.5              | 1  |
| AQ33      | 714886,734787           | 42.2                                   | 16.6             | 11.6              | 1  |
| AQ34      | 714868,734720           | 58.1                                   | 18.9             | 13.0              | 2  |
| AQ35      | 714934,734702           | 36.6                                   | 16.4             | 11.4              | 1  |

| DS (2028) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM <sub>10</sub> days > 50 $\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |   |
| AQ36      | 714861,734526           | 35.3   | 16.1             | 11.3              | 1   |
| AQ37      | 715081,734346           | 30.0   | 15.3             | 10.8              | <1  |
| AQ38      | 715098,734328           | 23.3   | 14.4             | 10.3              | <1  |
| AQ39      | 714878,734543           | 40.8   | 16.9             | 11.8              | 1   |
| AQ40      | 714855,734461           | 33.1   | 15.6             | 11.0              | 1   |
| AQ41      | 714882,734463           | 37.3   | 16.1             | 11.3              | 1   |
| AQ42      | 715090,734382           | 24.0   | 14.5             | 10.3              | <1  |
| AQ43      | 714878,734485           | 46.5   | 17.5             | 12.1              | 1   |
| AQ44      | 714879,734603           | 39.2   | 16.7             | 11.6              | 1   |
| AQ45      | 714879,734636           | 40.0   | 16.9             | 11.7              | 1   |
| AQ46      | 715040,734582           | 24.3   | 14.6             | 10.3              | <1  |
| AQ47      | 715054,734524           | 24.5   | 14.6             | 10.4              | <1  |
| AQ48      | 715014,734688           | 30.7   | 15.5             | 10.9              | 1   |
| AQ49      | 714852,734429           | 35.1   | 15.9             | 11.2              | 1   |
| AQ50      | 714829,734297           | 38.9   | 16.5             | 11.5              | 1   |
| AQ51      | 714813,734240           | 56.7   | 18.1             | 12.5              | 2   |
| AQ52      | 714862,734650           | 34.0   | 15.9             | 11.2              | 1   |
| AQ53      | 714930,735661           | 35.3   | 16.2             | 11.3              | 1   |
| AQ54      | 715025,735693           | 22.0   | 14.3             | 10.2              | 1   |
| AQ55      | 714934,735443           | 32.4   | 16.1             | 11.2              | 1   |
| AQ56      | 714921,735579           | 31.1   | 15.9             | 11.1              | 1   |
| AQ57      | 714941,735567           | 33.1   | 16.2             | 11.3              | 1   |
| AQ58      | 714924,735634           | 31.1   | 15.7             | 11.0              | 1   |
| AQ59      | 714995,735557           | 21.7   | 14.3             | 10.2              | 1   |
| AQ60      | 714940,735556           | 33.6   | 16.3             | 11.3              | 1   |
| AQ61      | 715006,735602           | 21.6   | 14.3             | 10.2              | 1   |
| AQ62      | 714948,735651           | 34.2   | 16.2             | 11.3              | 1   |
| AQ63      | 714947,735623           | 31.8   | 16.0             | 11.1              | 1   |
| AQ64      | 714951,735075           | 29.4   | 15.2             | 10.7              | <1  |
| AQ65      | 715013,735172           | 23.0   | 14.4             | 10.2              | <1  |
| AQ66      | 714947,735276           | 30.1   | 15.7             | 11.0              | 1   |
| AQ67      | 714919,735282           | 28.7   | 15.4             | 10.8              | <1  |
| AQ68      | 715021,735319           | 21.9   | 14.3             | 10.2              | <1  |
| AQ69      | 714983,735335           | 22.0   | 14.3             | 10.2              | <1  |
| AQ70      | 714939,735355           | 34.1   | 16.4             | 11.4              | 1   |
| AQ71      | 714909,735428           | 29.4   | 15.5             | 10.9              | 1   |
| AQ72      | 714988,735422           | 21.7   | 14.3             | 10.2              | 1   |
| AQ73      | 715021,735364           | 21.6   | 14.3             | 10.2              | 1   |
| AQ74      | 714941,735350           | 33.0   | 16.2             | 11.3              | 1   |
| AQ75      | 714984,735349           | 22.0   | 14.3             | 10.2              | <1  |
| AQ76      | 714909,735447           | 29.9   | 15.6             | 11.0              | 1   |

| DS (2028) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM <sub>10</sub> days > 50 $\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |   |
| AQ77      | 715293,737083           | 23.4   | 14.5             | 10.3              | <1  |
| AQ78      | 715177,737114           | 22.0   | 14.3             | 10.2              | 1   |
| AQ79      | 715163,737145           | 21.9   | 14.3             | 10.2              | 1   |
| AQ80      | 715144,737111           | 21.3   | 14.2             | 10.1              | 1   |
| AQ81      | 715290,737211           | 23.2   | 14.4             | 10.2              | <1  |
| AQ82      | 715347,737160           | 25.0   | 14.6             | 10.4              | <1  |
| AQ83      | 714970,736162           | 35.2   | 16.0             | 11.2              | 1   |
| AQ84      | 714955,736106           | 37.8   | 16.2             | 11.3              | 1   |
| AQ85      | 714989,736233           | 34.5   | 15.9             | 11.2              | 1   |
| AQ86      | 714973,736173           | 31.9   | 15.6             | 11.0              | 1   |
| AQ87      | 715004,736160           | 35.2   | 16.0             | 11.2              | 1   |
| AQ88      | 715112,736223           | 22.9   | 14.4             | 10.2              | <1  |
| AQ89      | 715137,736797           | 24.1   | 14.5             | 10.3              | <1  |
| AQ90      | 715162,736781           | 25.3   | 14.7             | 10.4              | <1  |
| AQ91      | 715141,736805           | 24.2   | 14.5             | 10.3              | <1  |
| AQ92      | 715168,736799           | 25.0   | 14.6             | 10.4              | <1  |
| AQ93      | 715173,736886           | 24.7   | 14.6             | 10.4              | <1  |
| AQ94      | 715231,736947           | 25.3   | 14.7             | 10.4              | <1  |
| AQ95      | 715198,736881           | 25.6   | 14.7             | 10.4              | <1  |
| AQ96      | 715201,736958           | 24.0   | 14.5             | 10.3              | <1  |
| AQ97      | 715253,737014           | 23.7   | 14.5             | 10.3              | <1  |
| AQ98      | 715233,736996           | 23.8   | 14.5             | 10.3              | <1  |
| AQ99      | 715217,737019           | 23.6   | 14.5             | 10.3              | <1  |
| AQ100     | 715208,736990           | 23.0   | 14.4             | 10.2              | <1  |
| AQ101     | 715331,737143           | 23.8   | 14.5             | 10.3              | <1  |
| AQ102     | 715194,737012           | 22.2   | 14.3             | 10.2              | <1  |
| AQ103     | 715254,736967           | 24.3   | 14.6             | 10.3              | <1  |
| AQ104     | 714985,736585           | 48.2   | 17.3             | 12.1              | 1   |
| AQ105     | 714971,736562           | 33.7   | 15.6             | 11.0              | 1   |
| AQ106     | 715104,736604           | 38.8   | 16.0             | 11.2              | 1   |
| AQ107     | 715073,736602           | 37.6   | 15.9             | 11.1              | 1   |
| AQ108     | 715094,736577           | 40.8   | 16.3             | 11.4              | 1   |
| AQ109     | 715079,736628           | 47.1   | 17.4             | 12.0              | 1   |
| AQ110     | 715037,736623           | 38.4   | 16.4             | 11.5              | 1   |
| AQ111     | 714922,736655           | 30.6   | 15.4             | 10.9              | <1  |
| AQ112     | 714935,736628           | 31.7   | 15.5             | 10.9              | <1  |
| AQ113     | 714908,736683           | 29.4   | 15.5             | 10.9              | <1  |
| AQ114     | 714932,736700           | 33.6   | 16.2             | 11.3              | 1   |
| AQ115     | 714942,736675           | 39.1   | 16.7             | 11.6              | 1   |
| AQ116     | 714871,736757           | 23.1   | 14.5             | 10.3              | <1  |
| AQ117     | 714755,736779           | 22.5   | 14.4             | 10.3              | <1  |

| DS (2028) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM <sub>10</sub> days > 50 $\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |   |
| AQ118     | 714867,736710           | 22.5   | 14.4             | 10.2              | <1  |
| AQ119     | 715101,736694           | 25.5   | 14.7             | 10.4              | <1  |
| AQ120     | 715086,735971           | 27.6   | 14.8             | 10.5              | <1  |
| AQ121     | 715093,736100           | 23.3   | 14.4             | 10.3              | <1  |
| AQ122     | 714979,736090           | 38.5   | 16.1             | 11.3              | 1   |
| AQ123     | 714979,735962           | 41.7   | 16.7             | 11.7              | 1   |
| AQ124     | 715071,736007           | 24.7   | 14.5             | 10.3              | <1  |
| AQ125     | 715067,736024           | 23.9   | 14.5             | 10.3              | <1  |
| AQ126     | 714973,736042           | 48.0   | 17.7             | 12.3              | 1   |
| AQ127     | 714961,735948           | 40.6   | 16.5             | 11.5              | 1   |
| AQ128     | 714987,736629           | 36.8   | 16.3             | 11.4              | 1   |
| AQ129     | 715001,736510           | 34.4   | 15.6             | 11.0              | 1   |
| AQ130     | 714982,735770           | 39.3   | 16.7             | 11.6              | 1   |
| AQ131     | 715040,735787           | 22.7   | 14.4             | 10.2              | <1  |
| AQ132     | 714977,735755           | 34.2   | 16.0             | 11.2              | 1   |
| AQ133     | 714965,735877           | 40.8   | 16.5             | 11.5              | 1   |
| AQ134     | 714984,735852           | 39.5   | 16.4             | 11.5              | 1   |
| AQ135     | 714996,735909           | 53.7   | 18.3             | 12.6              | 2   |
| AQ136     | 714949,735909           | 54.0   | 18.0             | 12.5              | 2   |
| AQ137     | 715060,735903           | 31.4   | 15.4             | 10.8              | <1  |
| AQ138     | 715056,735882           | 27.6   | 14.9             | 10.6              | <1  |
| AQ139     | 714996,735890           | 46.6   | 17.3             | 12.0              | 1   |
| AQ140     | 715091,735902           | 38.5   | 16.1             | 11.3              | 1   |
| AQ141     | 714933,735676           | 38.0   | 16.5             | 11.5              | 1   |
| AQ142     | 714955,735674           | 35.8   | 16.2             | 11.3              | 1   |
| AQ143     | 714966,735785           | 33.5   | 15.8             | 11.1              | 1   |
| AQ144     | 714953,735742           | 37.2   | 16.5             | 11.5              | 1   |
| AQ145     | 714983,735786           | 36.0   | 16.1             | 11.3              | 1   |
| AQ146     | 714935,734960           | 30.6   | 15.4             | 10.8              | <1  |
| AQ147     | 714956,734916           | 46.3   | 17.6             | 12.2              | 1   |
| AQ148     | 714922,734916           | 29.7   | 15.3             | 10.8              | <1  |
| AQ149     | 714472,736949           | 22.2   | 14.3             | 10.2              | <1  |
| AQ150     | 714313,737120           | 22.5   | 14.4             | 10.2              | <1  |
| AQ151     | 715434,738674           | 25.2   | 14.7             | 10.4              | <1  |
| AQ152     | 715372,738863           | 22.2   | 14.4             | 10.2              | <1  |
| AQ153     | 715383,738759           | 22.5   | 14.4             | 10.2              | <1  |
| AQ154     | 715384,738655           | 22.7   | 14.4             | 10.2              | <1  |
| AQ155     | 715476,737643           | 24.5   | 14.7             | 10.4              | <1  |
| AQ156     | 715481,737594           | 23.1   | 14.5             | 10.3              | <1  |
| AQ157     | 715481,737594           | 23.1   | 14.5             | 10.3              | <1  |
| AQ158     | 715433,737920           | 26.7   | 14.8             | 10.5              | <1  |

| DS (2028) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM <sub>10</sub> days > 50 $\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |   |
| AQ159     | 715447,737859           | 24.4   | 14.6             | 10.4              | <1  |
| AQ160     | 715444,737620           | 22.8   | 14.4             | 10.2              | <1  |
| AQ161     | 715438,737675           | 22.4   | 14.4             | 10.2              | <1  |
| AQ162     | 715451,737821           | 24.2   | 14.6             | 10.3              | <1  |
| AQ163     | 715464,737747           | 24.1   | 14.5             | 10.3              | <1  |
| AQ164     | 715467,737724           | 24.1   | 14.6             | 10.3              | <1  |
| AQ165     | 715404,738140           | 23.6   | 14.6             | 10.3              | <1  |
| AQ166     | 715404,738108           | 23.7   | 14.6             | 10.3              | <1  |
| AQ167     | 715360,738284           | 23.7   | 14.5             | 10.3              | <1  |
| AQ168     | 715372,738462           | 22.8   | 14.4             | 10.3              | <1  |
| AQ169     | 715357,738177           | 23.4   | 14.5             | 10.3              | <1  |
| AQ170     | 715194,737262           | 21.5   | 14.2             | 10.1              | 1   |
| AQ171     | 715236,737223           | 22.0   | 14.3             | 10.2              | 1   |
| AQ172     | 715175,737516           | 26.3   | 14.8             | 10.5              | <1  |
| AQ173     | 715178,737488           | 22.8   | 14.4             | 10.2              | <1  |
| AQ174     | 715190,737457           | 23.2   | 14.4             | 10.3              | <1  |
| AQ175     | 715277,737200           | 22.3   | 14.3             | 10.2              | <1  |
| AQ176     | 715218,737212           | 22.1   | 14.3             | 10.2              | <1  |
| AQ177     | 715202,737773           | 21.3   | 14.2             | 10.1              | 1   |
| AQ178     | 715342,737941           | 26.7   | 14.8             | 10.5              | <1  |
| AQ179     | 715315,737902           | 24.3   | 14.5             | 10.3              | <1  |
| AQ180     | 715275,737837           | 21.7   | 14.2             | 10.2              | 1   |
| AQ181     | 715269,737897           | 22.2   | 14.3             | 10.2              | <1  |
| AQ182     | 715382,737333           | 22.5   | 14.4             | 10.2              | <1  |
| AQ183     | 715451,737821           | 24.2   | 14.6             | 10.3              | <1  |
| AQ184     | 715428,737722           | 22.4   | 14.3             | 10.2              | <1  |
| AQ185     | 715426,737732           | 22.3   | 14.3             | 10.2              | <1  |
| AQ186     | 715415,737814           | 22.7   | 14.4             | 10.2              | <1  |
| AQ187     | 715364,737295           | 22.0   | 14.3             | 10.2              | <1  |
| AQ188     | 715363,738002           | 24.5   | 14.6             | 10.3              | <1  |
| AQ189     | 715429,737551           | 22.6   | 14.4             | 10.2              | <1  |
| AQ190     | 715405,737461           | 22.3   | 14.4             | 10.2              | <1  |
| AQ191     | 715401,737878           | 24.1   | 14.5             | 10.3              | <1  |
| AQ192     | 715387,737927           | 27.4   | 14.8             | 10.5              | <1  |
| AQ193     | 715382,737998           | 24.0   | 14.5             | 10.3              | <1  |
| AQ194     | 715391,737396           | 22.3   | 14.4             | 10.2              | <1  |
| AQ195     | 715416,738010           | 24.2   | 14.5             | 10.3              | <1  |
| AQ196     | 715410,740446           | 21.5   | 14.2             | 10.1              | 1   |
| AQ197     | 715385,740597           | 20.5   | 14.1             | 10.1              | 1   |
| AQ198     | 715403,740362           | 23.0   | 14.5             | 10.3              | <1  |
| AQ199     | 715130,737642           | 21.7   | 14.3             | 10.2              | 1   |



| DS (2028) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > 50 $\mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   |
| AQ200     | 715231,737459           | 22.0   | 14.3             | 10.2              | 1   |
| AQ201     | 715226,737338           | 21.9   | 14.3             | 10.2              | 1   |
| AQ202     | 715221,737400           | 22.3   | 14.3             | 10.2              | <1  |
| AQ203     | 715191,737420           | 21.6   | 14.2             | 10.1              | 1   |
| AQ204     | 715182,737371           | 21.2   | 14.2             | 10.1              | 1   |
| AQ205     | 715114,737548           | 24.0   | 14.5             | 10.3              | <1  |
| AQ206     | 715153,737684           | 21.2   | 14.2             | 10.1              | 1   |
| AQ207     | 715502,739359           | 23.7   | 14.6             | 10.4              | <1  |
| AQ208     | 715408,739100           | 26.4   | 14.9             | 10.5              | <1  |
| AQ209     | 715493,739262           | 24.0   | 14.7             | 10.4              | <1  |
| AQ210     | 715368,738953           | 22.5   | 14.4             | 10.2              | <1  |
| AQ211     | 715434,739035           | 25.7   | 14.8             | 10.5              | <1  |
| AQ212     | 715452,739042           | 24.9   | 14.7             | 10.4              | <1  |
| AQ213     | 715416,738981           | 25.5   | 14.9             | 10.5              | <1  |
| AQ214     | 713910,737756           | 22.8   | 14.4             | 10.2              | <1  |
| AQ215     | 713962,737748           | 26.9   | 15.0             | 10.6              | <1  |
| AQ216     | 713991,737518           | 22.5   | 14.4             | 10.2              | <1  |
| AQ217     | 713176,738821           | 29.6   | 15.2             | 10.7              | <1  |
| AQ218     | 713196,738843           | 30.9   | 15.4             | 10.8              | <1  |
| AQ219     | 713839,738020           | 21.9   | 14.3             | 10.2              | <1  |
| AQ220     | 713797,738159           | 21.8   | 14.4             | 10.2              | <1  |
| AQ221     | 713742,738142           | 21.1   | 14.2             | 10.1              | 1   |
| AQ222     | 713329,738634           | 21.8   | 14.3             | 10.2              | <1  |
| AQ223     | 713049,738954           | 22.2   | 14.4             | 10.2              | <1  |
| AQ224     | 715314,737046           | 23.1   | 14.4             | 10.3              | <1  |
| AQ225     | 715359,737115           | 23.9   | 14.5             | 10.3              | <1  |
| AQ226     | 715433,739637           | 23.3   | 14.4             | 10.3              | <1  |
| AQ227     | 714782,734168           | 45.6   | 17.5             | 12.1              | 1   |
| AQ228     | 714806,734148           | 49.6   | 18.1             | 12.5              | 2   |
| AQ229     | 714790,734058           | 52.0   | 18.5             | 12.7              | 2   |
| AQ230     | 714768,734036           | 48.4   | 17.7             | 12.2              | 1   |
| AQ231     | 714815,733986           | 41.4   | 17.2             | 11.9              | 1   |
| AQ232     | 714898,733940           | 35.7   | 16.1             | 11.3              | 1   |
| AQ233     | 714868,733938           | 35.7   | 16.0             | 11.2              | 1   |
| AQ234     | 715040,733934           | 45.0   | 17.3             | 12.0              | 1   |
| AQ235     | 714960,733960           | 41.2   | 16.9             | 11.7              | 1   |
| AQ236     | 715087,733873           | 38.0   | 16.4             | 11.5              | 1   |
| AQ237     | 714703,734262           | 51.3   | 19.4             | 13.2              | 3   |
| AQ238     | 714716,734342           | 24.6   | 14.6             | 10.4              | <1  |
| AQ239     | 714723,734337           | 24.6   | 14.6             | 10.4              | <1  |
| AQ240     | 714735,734416           | 25.0   | 14.6             | 10.4              | <1  |

| DS (2028) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM <sub>10</sub> days > 50 $\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |   |
| AQ241     | 714738,734493           | 23.0   | 14.4             | 10.2              | <1  |
| AQ242     | 714793,734626           | 25.2   | 14.7             | 10.4              | <1  |
| AQ243     | 714777,734605           | 24.2   | 14.5             | 10.3              | <1  |
| AQ244     | 714796,734634           | 26.0   | 14.8             | 10.5              | <1  |
| AQ245     | 714770,734550           | 23.8   | 14.5             | 10.3              | <1  |
| AQ246     | 714947,734693           | 35.3   | 16.1             | 11.3              | 1   |
| AQ247     | 714953,734491           | 26.9   | 14.8             | 10.5              | <1  |
| AQ248     | 714951,734470           | 24.7   | 14.6             | 10.3              | <1  |
| AQ249     | 714958,734578           | 24.3   | 14.6             | 10.3              | <1  |
| AQ250     | 715173,734810           | 42.7   | 17.2             | 11.9              | 1   |
| AQ251     | 715149,734779           | 37.5   | 16.6             | 11.6              | 1   |
| AQ252     | 715114,734778           | 38.6   | 16.8             | 11.7              | 1   |
| AQ253     | 714712,734756           | 30.0   | 15.4             | 10.9              | <1  |
| AQ254     | 714707,734771           | 33.7   | 16.1             | 11.2              | 1   |
| AQ255     | 714517,734365           | 40.2   | 16.3             | 11.4              | 1   |
| AQ256     | 714507,734382           | 35.9   | 16.0             | 11.2              | 1   |
| AQ257     | 714516,734462           | 32.2   | 15.7             | 11.0              | 1   |
| AQ258     | 714522,734505           | 33.7   | 15.9             | 11.2              | 1   |
| AQ259     | 714538,734639           | 44.0   | 17.5             | 12.1              | 1   |
| AQ260     | 714540,734541           | 38.1   | 16.6             | 11.6              | 1   |
| AQ261     | 714663,734669           | 35.0   | 16.2             | 11.3              | 1   |
| AQ262     | 714575,734672           | 37.7   | 16.5             | 11.5              | 1   |
| AQ263     | 714676,734657           | 30.8   | 15.5             | 10.9              | 1   |
| AQ264     | 714671,734746           | 30.0   | 15.4             | 10.9              | <1  |
| AQ265     | 714662,734762           | 33.4   | 16.0             | 11.2              | 1   |
| AQ266     | 714404,734696           | 42.1   | 17.1             | 11.9              | 1   |
| AQ267     | 714410,734682           | 35.8   | 16.4             | 11.4              | 1   |
| AQ268     | 714392,734685           | 33.8   | 16.0             | 11.2              | 1   |
| AQ269     | 714399,734732           | 45.9   | 17.4             | 12.1              | 1   |
| AQ270     | 714339,734787           | 32.3   | 15.6             | 11.0              | 1   |
| AQ271     | 714344,734781           | 32.3   | 15.6             | 11.0              | 1   |
| AQ272     | 714379,734734           | 35.7   | 16.0             | 11.2              | 1   |
| AQ273     | 714292,734856           | 30.4   | 15.4             | 10.9              | <1  |
| AQ274     | 714346,734806           | 39.4   | 16.6             | 11.6              | 1   |
| AQ275     | 714259,734954           | 35.3   | 16.1             | 11.3              | 1   |
| AQ276     | 714232,734942           | 30.3   | 15.4             | 10.8              | <1  |
| AQ277     | 714238,734930           | 32.3   | 15.7             | 11.0              | 1   |
| AQ278     | 714216,735009           | 33.7   | 15.8             | 11.1              | 1   |
| AQ279     | 714191,734990           | 31.6   | 15.5             | 10.9              | 1   |
| AQ280     | 714254,734966           | 39.6   | 16.7             | 11.7              | 1   |
| AQ281     | 714176,735042           | 44.8   | 17.2             | 12.0              | 1   |

| DS (2028) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM <sub>10</sub> days > 50 $\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |   |
| AQ282     | 714134,735080           | 35.7   | 16.1             | 11.3              | 1   |
| AQ283     | 714121,735080           | 31.2   | 15.5             | 10.9              | 1   |
| AQ284     | 714021,735211           | 35.5   | 16.3             | 11.4              | 1   |
| AQ285     | 714028,735223           | 45.2   | 17.8             | 12.3              | 1   |
| AQ286     | 714012,735224           | 29.2   | 15.3             | 10.8              | <1  |
| AQ287     | 713935,735463           | 49.4   | 17.4             | 12.1              | 1   |
| AQ288     | 713913,735489           | 50.4   | 17.5             | 12.1              | 1   |
| AQ289     | 713973,735329           | 37.6   | 16.6             | 11.5              | 1   |
| AQ290     | 714818,735878           | 26.1   | 14.8             | 10.5              | <1  |
| AQ291     | 714676,735906           | 25.7   | 14.9             | 10.5              | <1  |
| AQ292     | 715709,735720           | 50.6   | 18.1             | 12.5              | 2   |
| AQ293     | 715700,735702           | 44.3   | 17.2             | 11.9              | 1   |
| AQ294     | 715682,735736           | 43.4   | 17.2             | 11.9              | 1   |
| AQ295     | 715667,735718           | 39.6   | 16.6             | 11.6              | 1   |
| AQ296     | 715727,735815           | 52.3   | 18.4             | 12.7              | 2   |
| AQ297     | 715744,735788           | 46.3   | 17.6             | 12.2              | 1   |
| AQ298     | 715756,735810           | 45.5   | 17.6             | 12.2              | 1   |
| AQ299     | 715718,735803           | 47.4   | 17.7             | 12.2              | 1   |
| AQ300     | 715799,735893           | 45.1   | 17.6             | 12.2              | 1   |
| AQ301     | 715769,735905           | 44.4   | 17.5             | 12.1              | 1   |
| AQ302     | 715775,735917           | 40.5   | 16.8             | 11.7              | 1   |
| AQ303     | 715814,735918           | 46.2   | 17.6             | 12.2              | 1   |
| AQ304     | 715818,735992           | 43.1   | 17.2             | 11.9              | 1   |
| AQ305     | 715846,735982           | 46.6   | 17.7             | 12.3              | 1   |
| AQ306     | 715843,736047           | 51.7   | 18.8             | 12.9              | 2   |
| AQ307     | 715872,736028           | 45.2   | 17.6             | 12.2              | 1   |
| AQ308     | 715719,736094           | 26.0   | 14.9             | 10.5              | <1  |
| AQ309     | 715702,736101           | 25.1   | 14.8             | 10.5              | <1  |
| AQ310     | 715776,736219           | 24.4   | 14.6             | 10.3              | <1  |
| AQ311     | 715759,736226           | 24.2   | 14.5             | 10.3              | <1  |
| AQ312     | 715784,736236           | 24.4   | 14.6             | 10.3              | <1  |
| AQ313     | 715771,736252           | 24.6   | 14.6             | 10.4              | <1  |
| AQ314     | 715822,736361           | 22.5   | 14.3             | 10.2              | <1  |
| AQ315     | 715840,736353           | 22.5   | 14.3             | 10.2              | <1  |
| AQ316     | 715616,736364           | 24.2   | 14.5             | 10.3              | <1  |
| AQ317     | 715623,736322           | 23.9   | 14.5             | 10.3              | <1  |
| AQ318     | 715613,736350           | 23.4   | 14.5             | 10.3              | <1  |
| AQ319     | 715635,736434           | 21.9   | 14.3             | 10.2              | 1   |
| AQ320     | 715370,736516           | 22.3   | 14.3             | 10.2              | <1  |
| AQ321     | 715389,736493           | 21.8   | 14.3             | 10.2              | 1   |
| AQ322     | 715369,736493           | 21.9   | 14.3             | 10.2              | 1   |

| DS (2028) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of PM <sub>10</sub> days > 50 $\mu\text{g}/\text{m}^3$ |
|           |                         | NO <sub>2</sub>                                | PM <sub>10</sub> | PM <sub>2.5</sub> |   |
| AQ323     | 715391,736518           | 22.1   | 14.3             | 10.2              | 1   |
| AQ324     | 715471,736389           | 22.2   | 14.3             | 10.2              | <1  |
| AQ325     | 715056,736459           | 42.6   | 16.6             | 11.6              | 1   |
| AQ326     | 715249,736428           | 23.4   | 14.4             | 10.3              | <1  |
| AQ327     | 715248,736406           | 22.6   | 14.3             | 10.2              | <1  |
| AQ328     | 715200,736539           | 23.0   | 14.4             | 10.2              | <1  |
| AQ329     | 715192,736521           | 22.5   | 14.3             | 10.2              | <1  |
| AQ330     | 714753,736291           | 21.4   | 14.2             | 10.1              | 1   |
| AQ331     | 714757,736304           | 21.3   | 14.2             | 10.1              | 1   |
| AQ332     | 714737,736303           | 21.2   | 14.2             | 10.1              | 1   |
| AQ333     | 714887,734697           | 39.1   | 16.6             | 11.5              | 1   |
| AQ334     | 714918,734776           | 39.1   | 16.2             | 11.3              | 1   |
| AQ335     | 714920,734871           | 33.3   | 15.8             | 11.1              | 1   |
| AQ336     | 715161,734821           | 40.9   | 17.0             | 11.8              | 1   |
| AQ337     | 715050,734723           | 36.6   | 16.5             | 11.5              | 1   |
| AQ338     | 715051,734749           | 38.7   | 16.9             | 11.7              | 1   |
| AQ339     | 715094,734741           | 36.9   | 16.5             | 11.5              | 1   |
| AQ340     | 715098,736591           | 41.2   | 16.2             | 11.3              | 1   |
| AQ341     | 713864,738074           | 22.3   | 14.4             | 10.3              | <1  |
| AQ342     | 712749,739812           | 28.6   | 15.3             | 10.8              | <1  |
| AQ343     | 712613,739799           | 22.6   | 14.4             | 10.2              | <1  |
| AQ344     | 712753,739720           | 27.0   | 15.1             | 10.6              | <1  |
| AQ345     | 715026,734392           | 23.0   | 14.4             | 10.2              | <1  |
| AQ346     | 714997,734396           | 23.6   | 14.5             | 10.3              | <1  |
| AQ347     | 714828,734792           | 24.9   | 14.6             | 10.4              | <1  |
| AQ348     | 715093,734269           | 24.2   | 14.6             | 10.3              | <1  |
| AQ349     | 714999,736553           | 31.2   | 15.2             | 10.8              | <1  |
| AQ350     | 712507,739809           | 20.8   | 14.2             | 10.1              | 1   |
| AQ351     | 714745,734486           | 23.4   | 14.4             | 10.3              | <1  |
| AQ352     | 715510,740236           | 26.7   | 15.1             | 10.7              | <1  |
| AQ353     | 715191,735865           | 29.8   | 15.3             | 10.8              | <1  |
| AQ354     | 714829,734740           | 31.8   | 15.5             | 10.9              | 1   |
| AQ355     | 714829,734774           | 26.2   | 14.8             | 10.5              | <1  |
| AQ356     | 715571,737454           | 22.7   | 14.4             | 10.2              | <1  |
| AQ357     | 715238,737251           | 22.8   | 14.4             | 10.2              | <1  |
| AQ358     | 715309,737551           | 21.0   | 14.2             | 10.1              | 1   |
| AQ359     | 715213,737647           | 20.9   | 14.2             | 10.1              | 1   |
| AQ360     | 715472,737544           | 27.2   | 15.1             | 10.6              | <1  |
| AQ361     | 713269,739047           | 25.8   | 14.8             | 10.5              | <1  |
| AQ362     | 715655,738657           | 20.6   | 14.1             | 10.1              | 1   |
| AQ363     | 714840,736724           | 22.2   | 14.4             | 10.2              | <1  |

| DS (2028) |                         |  |                  |                   |   |
|-----------|-------------------------|--|------------------|-------------------|---|
| Receptor  | Receptor Location (ITM) | Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | No of $\text{PM}_{10}$ days > $50 \mu\text{g}/\text{m}^3$ |
|           |                         | $\text{NO}_2$                                  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   |
| AQ364     | 715306,737965           | 24.3   | 14.5             | 10.3              | <1  |
| AQ365     | 715330,738134           | 21.7   | 14.3             | 10.2              | 1   |
| AQ366     | 715193,737898           | 21.3   | 14.2             | 10.1              | 1   |
| AQ367     | 715005,737589           | 21.0   | 14.2             | 10.1              | 1   |
| AQ368     | 713655,738228           | 20.5   | 14.1             | 10.1              | 1   |
| AQ369     | 713028,738778           | 22.3   | 14.4             | 10.2              | <1  |
| AQ370     | 715358,738994           | 22.1   | 14.3             | 10.2              | <1  |
| AQ371     | 715430,739469           | 21.5   | 14.3             | 10.2              | 1   |
| AQ372     | 715520,739462           | 22.0   | 14.4             | 10.2              | <1  |
| AQ373     | 714738,734460           | 23.6   | 14.5             | 10.3              | <1  |
| AQ374     | 714853,734440           | 24.6   | 14.6             | 10.4              | <1  |
| AQ375     | 715695,736814           | 24.4   | 14.6             | 10.4              | <1  |
| AQ376     | 715503,737018           | 23.3   | 14.5             | 10.3              | <1  |
| AQ377     | 715494,737000           | 21.9   | 14.3             | 10.2              | 1   |
| AQ378     | 715828,736777           | 23.6   | 14.5             | 10.3              | <1  |
| AQ379     | 715831,736757           | 22.9   | 14.4             | 10.2              | <1  |
| AQ380     | 715818,736759           | 22.7   | 14.3             | 10.2              | <1  |
| AQ381     | 714961,735923           | 47.1   | 17.3             | 12.0              | 1   |
| AQ382     | 714983,735876           | 43.4   | 16.9             | 11.8              | 1   |
| AQ383     | 714948,735892           | 45.2   | 16.9             | 11.8              | 1   |
| AQ384     | 714980,735923           | 50.5   | 17.8             | 12.3              | 1   |

### 3.3 Comparison of Do Something with Do Minimum

Table 3.3 provides the predicted change in and impact on pollutant concentrations, between the DM and DS in 2028. Pollutant concentrations have been outlined to one decimal place, where '<0.1' is reported, the pollutant concentration is considered to be less than this amount (i.e. two or more decimal places).

**Table 3.3: Predicted Changes in Operational DM and DS and Impact Significance Criteria At Worst-Case Receptor Locations**

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days > $50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ1      | 721010,729635           | -1.5   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ2      | 721010,729636           | -1.1   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ3      | 721010,729637           | -2.1   | -0.6             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ4      | 721010,729638           | -2.1   | -0.6             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ5      | 721010,729639           | -0.9   | -0.2             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ6      | 721010,729640           | -0.6   | -0.5             | -0.3              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ7      | 721010,729641           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ8      | 721010,729642           | -3.8   | -0.5             | -0.3              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ9      | 721010,729643           | -5.4   | -0.8             | -0.5              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ10     | 721010,729644           | -3.7   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days $> 50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ11     | 721010,729645           | -6.0   | -0.4             | -0.2              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ12     | 721010,729646           | -3.9   | -0.3             | -0.2              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ13     | 721010,729647           | -4.5   | -0.4             | -0.2              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ14     | 721010,729648           | -5.7   | -0.4             | -0.2              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ15     | 721010,729649           | -3.9   | -0.7             | -0.4              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ16     | 721010,729650           | -4.2   | -0.6             | -0.3              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ17     | 721010,729651           | -4.5   | -0.8             | -0.5              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ18     | 721010,729652           | -3.3   | -0.4             | -0.2              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ19     | 721010,729653           | -3.3   | -0.3             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ20     | 721010,729654           | -1.2   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ21     | 721010,729655           | -7.3   | -1.3             | -0.8              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ22     | 721010,729656           | -1.0   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ23     | 721010,729657           | -4.1   | -0.7             | -0.4              | 1   | Substantial Beneficial      | Negligible       | Negligible        |
| AQ24     | 721010,729658           | -4.8   | -0.7             | -0.5              | -1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ25     | 721010,729659           | -1.9   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ26     | 721010,729660           | -2.0   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ27     | 721010,729661           | -2.7   | -0.4             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ28     | 721010,729662           | -9.4   | -1.5             | -0.9              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ29     | 721010,729663           | -2.1   | -0.4             | -0.2              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ30     | 721010,729664           | -2.1   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ31     | 721010,729665           | -3.1   | -0.6             | -0.4              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ32     | 721010,729666           | 0.1  | -0.4             | -0.3              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ33     | 721010,729667           | -0.5   | -0.3             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ34     | 721010,729668           | -2.7   | -1.1             | -0.6              | 1   | Moderate Beneficial         | Negligible       | Negligible        |
| AQ35     | 721010,729669           | -2.9   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ36     | 721010,729670           | -6.2   | -0.9             | -0.6              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ37     | 721010,729671           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ38     | 721010,729672           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ39     | 721010,729673           | -9.9   | -1.5             | -0.9              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ40     | 721010,729674           | -2.2   | -0.4             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ41     | 721010,729675           | -2.9   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ42     | 721010,729676           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ43     | 721010,729677           | -6.1   | -1.1             | -0.7              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ44     | 721010,729678           | -9.3   | -1.4             | -0.9              | -1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ45     | 721010,729679           | -9.5   | -1.4             | -0.9              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ46     | 721010,729680           | 0.2  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ47     | 721010,729681           | 0.4  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ48     | 721010,729682           | -1.8   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ49     | 721010,729683           | -3.2   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ50     | 721010,729684           | -3.1   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ51     | 721010,729685           | -3.1   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days $> 50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ52     | 721010,729686           | -4.7   | -0.7             | -0.4              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ53     | 721010,729687           | -2.6   | -0.4             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ54     | 721010,729688           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ55     | 721010,729689           | -2.2   | -0.4             | -0.3              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ56     | 721010,729690           | -3.1   | -0.4             | -0.3              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ57     | 721010,729691           | -3.1   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ58     | 721010,729692           | -2.4   | -0.4             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ59     | 721010,729693           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ60     | 721010,729694           | -2.7   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ61     | 721010,729695           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ62     | 721010,729696           | -2.5   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ63     | 721010,729697           | -3.3   | -0.5             | -0.3              | -1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ64     | 721010,729698           | -1.0   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ65     | 721010,729699           | -0.4   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ66     | 721010,729700           | -1.7   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ67     | 721010,729701           | -1.5   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ68     | 721010,729702           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ69     | 721010,729703           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ70     | 721010,729704           | -1.6   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ71     | 721010,729705           | -1.6   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ72     | 721010,729706           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ73     | 721010,729707           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ74     | 721010,729708           | -1.5   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ75     | 721010,729709           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ76     | 721010,729710           | -1.7   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ77     | 721010,729711           | -0.8   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ78     | 721010,729712           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ79     | 721010,729713           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ80     | 721010,729714           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ81     | 721010,729715           | 0.2  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ82     | 721010,729716           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ83     | 721010,729717           | -2.0   | -0.3             | -0.2              | -1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ84     | 721010,729718           | -0.7   | -0.2             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ85     | 721010,729719           | -4.3   | -0.6             | -0.4              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ86     | 721010,729720           | -1.7   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ87     | 721010,729721           | -2.1   | -0.4             | -0.2              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ88     | 721010,729722           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ89     | 721010,729723           | -0.5   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ90     | 721010,729724           | -0.5   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ91     | 721010,729725           | -0.6   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ92     | 721010,729726           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days $> 50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ93     | 721010,729727           | -0.6   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ94     | 721010,729728           | -1.3   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ95     | 721010,729729           | -0.8   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ96     | 721010,729730           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ97     | 721010,729731           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ98     | 721010,729732           | -0.5   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ99     | 721010,729733           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ100    | 721010,729734           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ101    | 721010,729735           | -0.6   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ102    | 721010,729736           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ103    | 721010,729737           | -0.6   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ104    | 721010,729738           | 1.1  | -0.7             | -0.4              | <1  | Slight Adverse              | Negligible       | Negligible        |
| AQ105    | 721010,729739           | 0.3  | -0.3             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ106    | 721010,729740           | -2.5   | -0.1             | -0.1              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ107    | 721010,729741           | -1.7   | -0.2             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ108    | 721010,729742           | -1.2   | <0.1             | <0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ109    | 721010,729743           | -6.6   | -0.7             | -0.5              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ110    | 721010,729744           | -4.1   | -0.7             | -0.4              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ111    | 721010,729745           | -3.1   | -0.4             | -0.3              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ112    | 721010,729746           | -0.9   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ113    | 721010,729747           | -3.5   | -0.4             | -0.3              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ114    | 721010,729748           | -5.5   | -0.7             | -0.4              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ115    | 721010,729749           | -7.2   | -1.0             | -0.6              | -2  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ116    | 721010,729750           | -1.5   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ117    | 721010,729751           | -1.3   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ118    | 721010,729752           | -1.1   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ119    | 721010,729753           | -0.6   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ120    | 721010,729754           | 0.2  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ121    | 721010,729755           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ122    | 721010,729756           | -3.6   | -0.4             | -0.2              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ123    | 721010,729757           | -0.9   | -0.4             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ124    | 721010,729758           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ125    | 721010,729759           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ126    | 721010,729760           | -3.3   | -0.9             | -0.5              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ127    | 721010,729761           | 0.1  | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ128    | 721010,729762           | -2.4   | -0.6             | -0.4              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ129    | 721010,729763           | -0.5   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ130    | 721010,729764           | -3.5   | -0.6             | -0.3              | -1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ131    | 721010,729765           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ132    | 721010,729766           | -2.9   | -0.4             | -0.2              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ133    | 721010,729767           | 0.3  | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |



| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days $> 50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ134    | 721010,729768           | -0.7   | -0.4             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ135    | 721010,729769           | 0.9  | -0.2             | -0.1              | 1   | Slight Adverse              | Negligible       | Negligible        |
| AQ136    | 721010,729770           | 3.9  | -0.1             | <0.1              | 1   | Moderate Adverse            | Negligible       | Negligible        |
| AQ137    | 721010,729771           | 0.3  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ138    | 721010,729772           | 0.1  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ139    | 721010,729773           | 0.5  | -0.2             | -0.1              | <1  | Slight Adverse              | Negligible       | Negligible        |
| AQ140    | 721010,729774           | 0.6  | <0.1             | <0.1              | <1  | Slight Adverse              | Negligible       | Negligible        |
| AQ141    | 721010,729775           | -4.2   | -0.4             | -0.3              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ142    | 721010,729776           | -5.1   | -0.5             | -0.3              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ143    | 721010,729777           | -1.4   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ144    | 721010,729778           | -3.3   | -0.3             | -0.2              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ145    | 721010,729779           | -2.0   | -0.4             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ146    | 721010,729780           | -1.0   | -0.3             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ147    | 721010,729781           | -1.2   | -0.6             | -0.3              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ148    | 721010,729782           | -1.1   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ149    | 721010,729783           | -0.6   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ150    | 721010,729784           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ151    | 721010,729785           | -1.0   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ152    | 721010,729786           | -1.1   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ153    | 721010,729787           | -0.9   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ154    | 721010,729788           | -0.5   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ155    | 721010,729789           | -1.5   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ156    | 721010,729790           | -0.8   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ157    | 721010,729791           | -0.8   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ158    | 721010,729792           | -1.2   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ159    | 721010,729793           | -1.1   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ160    | 721010,729794           | -0.8   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ161    | 721010,729795           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ162    | 721010,729796           | -1.2   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ163    | 721010,729797           | -1.2   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ164    | 721010,729798           | -1.4   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ165    | 721010,729799           | -1.8   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ166    | 721010,729800           | -2.0   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ167    | 721010,729801           | -1.0   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ168    | 721010,729802           | -1.5   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ169    | 721010,729803           | -1.7   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ170    | 721010,729804           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ171    | 721010,729805           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ172    | 721010,729806           | 2.8  | 0.4              | 0.2               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ173    | 721010,729807           | 1.0  | 0.1              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ174    | 721010,729808           | 0.9  | 0.1              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days $> 50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ175    | 721010,729809           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ176    | 721010,729810           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ177    | 721010,729811           | -0.4   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ178    | 721010,729812           | 0.1  | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ179    | 721010,729813           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ180    | 721010,729814           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ181    | 721010,729815           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ182    | 721010,729816           | -0.6   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ183    | 721010,729817           | -1.2   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ184    | 721010,729818           | -0.7   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ185    | 721010,729819           | -0.7   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ186    | 721010,729820           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ187    | 721010,729821           | -0.4   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ188    | 721010,729822           | -1.3   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ189    | 721010,729823           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ190    | 721010,729824           | -0.5   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ191    | 721010,729825           | -0.5   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ192    | 721010,729826           | 0.3  | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ193    | 721010,729827           | -1.3   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ194    | 721010,729828           | -0.6   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ195    | 721010,729829           | -1.7   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ196    | 721010,729830           | -4.7   | -0.6             | -0.4              | -1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ197    | 721010,729831           | -5.5   | -0.8             | -0.5              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ198    | 721010,729832           | -1.3   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ199    | 721010,729833           | -0.9   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ200    | 721010,729834           | 0.2  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ201    | 721010,729835           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ202    | 721010,729836           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ203    | 721010,729837           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ204    | 721010,729838           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ205    | 721010,729839           | 1.6  | 0.2              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ206    | 721010,729840           | -0.6   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ207    | 721010,729841           | -1.7   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ208    | 721010,729842           | -1.3   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ209    | 721010,729843           | -1.9   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ210    | 721010,729844           | -1.5   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ211    | 721010,729845           | -1.3   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ212    | 721010,729846           | -0.9   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ213    | 721010,729847           | -1.0   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ214    | 721010,729848           | -0.6   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ215    | 721010,729849           | -1.3   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |

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|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ216    | 721010,729850           | -0.4   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ217    | 721010,729851           | 1.0  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ218    | 721010,729852           | 2.7  | 0.2              | 0.1               | <1  | Slight Adverse              | Negligible       | Negligible        |
| AQ219    | 721010,729853           | -0.9   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ220    | 721010,729854           | -1.8   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ221    | 721010,729855           | -1.1   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ222    | 721010,729856           | -2.1   | -0.4             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ223    | 721010,729857           | -0.5   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ224    | 721010,729858           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ225    | 721010,729859           | -0.9   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ226    | 721010,729860           | -1.2   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ227    | 721010,729861           | -1.4   | -0.2             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ228    | 721010,729862           | -2.8   | -0.4             | -0.3              | 1   | Moderate Beneficial         | Negligible       | Negligible        |
| AQ229    | 721010,729863           | -2.6   | -0.4             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ230    | 721010,729864           | -0.6   | -0.1             | -0.1              | -1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ231    | 721010,729865           | -1.9   | -0.3             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ232    | 721010,729866           | -1.6   | -0.2             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ233    | 721010,729867           | -1.4   | -0.2             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ234    | 721010,729868           | -1.2   | -0.2             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ235    | 721010,729869           | -1.3   | -0.2             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ236    | 721010,729870           | -0.5   | -0.1             | <0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ237    | 721010,729871           | 0.6  | 0.1              | <0.1              | 2   | Slight Adverse              | Negligible       | Negligible        |
| AQ238    | 721010,729872           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ239    | 721010,729873           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ240    | 721010,729874           | 0.1  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ241    | 721010,729875           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ242    | 721010,729876           | -0.8   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ243    | 721010,729877           | -0.6   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ244    | 721010,729878           | -0.8   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ245    | 721010,729879           | -0.4   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ246    | 721010,729880           | -1.5   | -0.3             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ247    | 721010,729881           | 1.5  | 0.1              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ248    | 721010,729882           | 0.4  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ249    | 721010,729883           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ250    | 721010,729884           | -0.2   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ251    | 721010,729885           | -2.1   | -0.3             | -0.2              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ252    | 721010,729886           | -2.6   | -0.4             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ253    | 721010,729887           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ254    | 721010,729888           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ255    | 721010,729889           | 1.1  | 0.1              | 0.1               | <1  | Slight Adverse              | Negligible       | Negligible        |
| AQ256    | 721010,729890           | 0.8  | 0.1              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days $> 50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ257    | 721010,729891           | 0.4  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ258    | 721010,729892           | 0.3  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ259    | 721010,729893           | 0.4  | 0.1              | <0.1              | <1  | Slight Adverse              | Negligible       | Negligible        |
| AQ260    | 721010,729894           | 0.3  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ261    | 721010,729895           | -0.2   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ262    | 721010,729896           | 0.1  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ263    | 721010,729897           | -0.3   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ264    | 721010,729898           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ265    | 721010,729899           | 0.1  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ266    | 721010,729900           | 1.4  | 0.2              | 0.1               | -1  | Slight Adverse              | Negligible       | Negligible        |
| AQ267    | 721010,729901           | 0.9  | 0.1              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ268    | 721010,729902           | 0.8  | 0.1              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ269    | 721010,729903           | 1.5  | 0.1              | 0.1               | -1  | Slight Adverse              | Negligible       | Negligible        |
| AQ270    | 721010,729904           | 0.7  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ271    | 721010,729905           | 0.7  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ272    | 721010,729906           | 0.9  | 0.1              | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ273    | 721010,729907           | 0.6  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ274    | 721010,729908           | 1.1  | 0.1              | 0.1               | <1  | Slight Adverse              | Negligible       | Negligible        |
| AQ275    | 721010,729909           | 0.8  | 0.1              | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ276    | 721010,729910           | 0.4  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ277    | 721010,729911           | 0.5  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ278    | 721010,729912           | 0.4  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ279    | 721010,729913           | 1.3  | 0.1              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ280    | 721010,729914           | 0.9  | 0.1              | 0.1               | -1  | Slight Adverse              | Negligible       | Negligible        |
| AQ281    | 721010,729915           | 1.7  | 0.1              | 0.1               | <1  | Slight Adverse              | Negligible       | Negligible        |
| AQ282    | 721010,729916           | 1.0  | 0.1              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ283    | 721010,729917           | 0.7  | 0.1              | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ284    | 721010,729918           | 0.9  | 0.1              | 0.1               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ285    | 721010,729919           | 1.5  | 0.2              | 0.1               | -1  | Slight Adverse              | Negligible       | Negligible        |
| AQ286    | 721010,729920           | 0.5  | 0.1              | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ287    | 721010,729921           | 1.1  | 0.2              | 0.1               | -1  | Slight Adverse              | Negligible       | Negligible        |
| AQ288    | 721010,729922           | 1.3  | 0.1              | 0.1               | -1  | Slight Adverse              | Negligible       | Negligible        |
| AQ289    | 721010,729923           | 1.1  | 0.1              | 0.1               | -1  | Slight Adverse              | Negligible       | Negligible        |
| AQ290    | 721010,729924           | 0.3  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ291    | 721010,729925           | 0.2  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ292    | 721010,729926           | -1.6   | -0.1             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ293    | 721010,729927           | -1.1   | -0.1             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ294    | 721010,729928           | -0.8   | -0.1             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ295    | 721010,729929           | -0.6   | -0.1             | <0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ296    | 721010,729930           | -0.6   | -0.1             | -0.1              | 1   | Slight Beneficial           | Negligible       | Negligible        |
| AQ297    | 721010,729931           | -1.0   | -0.1             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days $> 50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ298    | 721010,729932           | -0.8   | -0.1             | -0.1              | -1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ299    | 721010,729933           | -0.7   | -0.1             | -0.1              | -1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ300    | 721010,729934           | -0.9   | -0.1             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ301    | 721010,729935           | -0.9   | -0.1             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ302    | 721010,729936           | -0.8   | -0.1             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ303    | 721010,729937           | -1.2   | -0.1             | -0.1              | -2  | Slight Beneficial           | Negligible       | Negligible        |
| AQ304    | 721010,729938           | -1.2   | -0.1             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ305    | 721010,729939           | -1.4   | -0.2             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ306    | 721010,729940           | -1.6   | -0.3             | -0.2              | 1   | Slight Beneficial           | Negligible       | Negligible        |
| AQ307    | 721010,729941           | -1.1   | -0.1             | -0.1              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ308    | 721010,729942           | -1.4   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ309    | 721010,729943           | -0.9   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ310    | 721010,729944           | -2.2   | -0.2             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ311    | 721010,729945           | -2.1   | -0.2             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ312    | 721010,729946           | -2.2   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ313    | 721010,729947           | -2.3   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ314    | 721010,729948           | -0.9   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ315    | 721010,729949           | -0.9   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ316    | 721010,729950           | -2.2   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ317    | 721010,729951           | -2.0   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ318    | 721010,729952           | -1.7   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ319    | 721010,729953           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ320    | 721010,729954           | -1.2   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ321    | 721010,729955           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ322    | 721010,729956           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ323    | 721010,729957           | -1.0   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ324    | 721010,729958           | -0.9   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ325    | 721010,729959           | -3.7   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ326    | 721010,729960           | -1.7   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ327    | 721010,729961           | -1.0   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ328    | 721010,729962           | -1.3   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ329    | 721010,729963           | -0.9   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ330    | 721010,729964           | -1.5   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ331    | 721010,729965           | -1.4   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ332    | 721010,729966           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ333    | 721010,729967           | -5.6   | -0.9             | -0.6              | <1  | Substantial Beneficial      | Negligible       | Negligible        |
| AQ334    | 721010,729968           | -0.6   | -0.4             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ335    | 721010,729969           | -2.1   | -0.4             | -0.2              | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ336    | 721010,729970           | -0.2   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ337    | 721010,729971           | -2.9   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ338    | 721010,729972           | -2.9   | -0.5             | -0.3              | <1  | Moderate Beneficial         | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days $> 50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ339    | 721010,729973           | -2.6   | -0.4             | -0.2              | <1  | Moderate Beneficial         | Negligible       | Negligible        |
| AQ340    | 721010,729974           | -0.7   | 0.2              | 0.1               | <1  | Slight Beneficial           | Negligible       | Negligible        |
| AQ341    | 721010,729975           | -1.9   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ342    | 721010,729976           | 0.5  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ343    | 721010,729977           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ344    | 721010,729978           | 2.3  | 0.3              | 0.2               | <1  | Negligible                  | Negligible       | Negligible        |
| AQ345    | 721010,729979           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ346    | 721010,729980           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ347    | 721010,729981           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ348    | 721010,729982           | 0.1  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ349    | 721010,729983           | -0.4   | -0.4             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ350    | 721010,729984           | 0.1  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ351    | 721010,729985           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ352    | 721010,729986           | -1.7   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ353    | 721010,729987           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ354    | 721010,729988           | -0.8   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ355    | 721010,729989           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ356    | 721010,729990           | -0.5   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ357    | 721010,729991           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ358    | 721010,729992           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ359    | 721010,729993           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ360    | 721010,729994           | -1.7   | -0.2             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ361    | 721010,729995           | 0.8  | 0.1              | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ362    | 721010,729996           | -0.2   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ363    | 721010,729997           | -1.0   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ364    | 721010,729998           | -0.6   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ365    | 721010,729999           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ366    | 721010,730000           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ367    | 721010,730001           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ368    | 721010,730002           | -2.9   | -0.4             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ369    | 721010,730003           | 0.1  | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ370    | 721010,730004           | -0.7   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ371    | 721010,730005           | -0.8   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ372    | 721010,730006           | -1.0   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ373    | 721010,730007           | -0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ374    | 721010,730008           | -0.9   | -0.1             | -0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ375    | 721010,730009           | -0.5   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ376    | 721010,730010           | -0.4   | -0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ377    | 721010,730011           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ378    | 721010,730012           | -0.3   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ379    | 721010,730013           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |

| Receptor | Receptor Location (ITM) | Change in Annual Mean Conc. ( $\mu\text{g}/\text{m}^3$ ) |                  |                   | Change in No of $\text{PM}_{10}$ days $> 50 \mu\text{g}/\text{m}^3$ | Impact on Annual Mean Conc. |                  |                   |
|----------|-------------------------|--|------------------|-------------------|---|-----------------------------|------------------|-------------------|
|          |                         | $\text{NO}_2$  | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |   | $\text{NO}_2$               | $\text{PM}_{10}$ | $\text{PM}_{2.5}$ |
| AQ380    | 721010,730014           | <0.1   | <0.1             | <0.1              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ381    | 721010,730015           | 1.5  | -0.2             | -0.1              | -1  | Slight Adverse              | Negligible       | Negligible        |
| AQ382    | 721010,730016           | -0.2   | -0.3             | -0.2              | <1  | Negligible                  | Negligible       | Negligible        |
| AQ383    | 721010,730017           | 2.3  | -0.1             | <0.1              | <1  | Moderate Adverse            | Negligible       | Negligible        |
| AQ384    | 721010,730018           | 0.4  | -0.4             | -0.2              | -1  | Negligible                  | Negligible       | Negligible        |