

# 空氣品質及氣象監測結果(1/2)

監測頻率：每季乙次，24小時連續監測

| 監測<br>期間                              | 檢測<br>項目<br>監測<br>地點 | 硫氧<br>化物<br>日平均值<br>0.25ppm | 氮氧<br>化物<br>日平均值<br>ppm | 一氧<br>化碳<br>8小時平均值<br>35ppm | 總懸浮<br>微粒<br>24小時值<br>250µg/m <sup>3</sup> | 懸浮<br>微粒<br>日平均值<br>125µg/m <sup>3</sup> | 甲烷<br>日平均值<br>ppm | 非甲烷<br>日平均值<br>ppm | 碳氫<br>化合物<br>日平均值<br>ppm | 氯化氫<br>24小時值<br>ppm | 鉛及其<br>化合物<br>24小時值<br>1µg/m <sup>3</sup> | 鎘及其<br>化合物<br>24小時值<br>0.5µg/m <sup>3</sup> | 汞及其<br>化合物<br>24小時值<br>1µg/Nm <sup>3</sup> | 周界<br>戴奧辛<br>24小時值<br>pg-TEQ/m <sup>3</sup> |
|---------------------------------------|----------------------|-----------------------------|-------------------------|-----------------------------|--------------------------------------------|------------------------------------------|-------------------|--------------------|--------------------------|---------------------|-------------------------------------------|---------------------------------------------|--------------------------------------------|---------------------------------------------|
| 107<br>1<br>21<br>~<br>107<br>1<br>31 | 僑義國小                 | 0.0033                      | 0.0176                  | 0.61                        | 80                                         | 47                                       | 2.10              | 0.13               | 2.20                     | ND                  | 0.01980                                   | 0.00053                                     | 0.00008                                    | 0.032                                       |
|                                       | 水尾國小                 | 0.0040                      | 0.0167                  | 0.76                        | 83                                         | 49                                       | 2.10              | 0.17               | 2.30                     | ND                  | 0.02380                                   | 0.00061                                     | 0.00019                                    | 0.033                                       |
|                                       | 田頭國小                 | 0.0027                      | 0.0099                  | 0.60                        | 73                                         | 56                                       | 2.10              | 0.08               | 2.20                     | 0.0069              | 0.20700                                   | 0.00062                                     | 0.00039                                    | 0.036                                       |
|                                       | 廣興國小                 | 0.0018                      | 0.0160                  | 0.70                        | 25                                         | 16                                       | 2.10              | 0.12               | 2.20                     | ND                  | 0.00873                                   | 0.00022                                     | 0.00013                                    | ND                                          |
|                                       | 吳厝國小                 | 0.0030                      | 0.0267                  | 0.67                        | 46                                         | 28                                       | 2.10              | 0.17               | 2.30                     | 0.0042              | 0.02100                                   | 0.00043                                     | 0.00043                                    | 0.089                                       |
|                                       | 安定國小                 | 0.0033                      | 0.0010                  | 0.60                        | 64                                         | 38                                       | 2.00              | 0.10               | 2.10                     | ND                  | 0.01100                                   | 0.00025                                     | 0.00016                                    | 0.059                                       |
|                                       | 舊西螺國中                | 0.0032                      | 0.0110                  | 0.56                        | 96                                         | 38                                       | 2.00              | 0.10               | 2.10                     | ND                  | 0.01910                                   | 0.00040                                     | 0.00008                                    | 0.027                                       |
| 107<br>3<br>26<br>~<br>107<br>3<br>31 | 僑義國小                 | 0.0015                      | 0.0192                  | 0.51                        | 118                                        | 91                                       | 2.10              | 0.27               | 2.40                     | ND                  | 0.0177                                    | 0.00043                                     | 0.00005                                    | 0.032                                       |
|                                       | 水尾國小                 | 0.0017                      | 0.0180                  | 0.50                        | 92                                         | 81                                       | 2.50              | 0.22               | 2.70                     | ND                  | 0.0160                                    | 0.00035                                     | 0.00005                                    | 0.153                                       |
|                                       | 田頭國小                 | 0.0020                      | 0.0134                  | 0.46                        | 86                                         | 74                                       | 2.50              | 0.18               | 2.70                     | ND                  | 0.00865                                   | 0.00020                                     | 0.00004                                    | ND                                          |
|                                       | 廣興國小                 | 0.0026                      | 0.0319                  | 0.37                        | 85                                         | 66                                       | 2.40              | 0.12               | 2.50                     | ND                  | 0.0120                                    | 0.00028                                     | 0.00004                                    | 0.018                                       |
|                                       | 吳厝國小                 | 0.0024                      | 0.0245                  | 0.30                        | 85                                         | 63                                       | 2.40              | 0.11               | 2.50                     | ND                  | 0.0128                                    | 0.00026                                     | 0.00005                                    | 0.040                                       |
|                                       | 安定國小                 | 0.0025                      | 0.0249                  | 0.41                        | 83                                         | 74                                       | 2.20              | 0.18               | 2.40                     | ND                  | 0.0121                                    | 0.00028                                     | 0.00003                                    | 0.091                                       |
|                                       | 舊西螺國中                | 0.0027                      | 0.0290                  | 0.35                        | 102                                        | 71                                       | 2.10              | 0.13               | 2.30                     | ND                  | 0.0162                                    | 0.00040                                     | 0.00005                                    | 0.042                                       |
| 107<br>6<br>14<br>、<br>107<br>6<br>21 | 僑義國小                 | 0.0010                      | 0.0109                  | 0.15                        | 13                                         | 7                                        | 1.90              | 0.08               | 2.00                     | 0.0042              | 0.00211                                   | 0.00003                                     | <0.1                                       | 0.013                                       |
|                                       | 水尾國小                 | 0.0015                      | 0.0170                  | 0.24                        | 46                                         | 32                                       | 2.00              | 0.14               | 2.10                     | 0.0480              | 0.00648                                   | 0.00008                                     | 0.00003                                    | ND                                          |
|                                       | 田頭國小                 | 0.0013                      | 0.0083                  | 0.14                        | 49                                         | 34                                       | 1.90              | 0.08               | 2.00                     | ND                  | 0.00668                                   | 0.00020                                     | 0.00003                                    | 0.012                                       |
|                                       | 廣興國小                 | 0.0017                      | 0.0138                  | 0.29                        | 51                                         | 42                                       | 2.00              | 0.12               | 2.10                     | ND                  | 0.01100                                   | 0.00025                                     | 0.00005                                    | 0.045                                       |
|                                       | 吳厝國小                 | 0.0022                      | 0.0121                  | 0.38                        | 76                                         | 36                                       | 2.00              | 0.11               | 2.10                     | ND                  | 0.01750                                   | 0.00038                                     | 0.00008                                    | 0.089                                       |
|                                       | 安定國小                 | 0.0016                      | 0.0120                  | 0.24                        | 44                                         | 37                                       | 2.00              | 0.11               | 2.10                     | ND                  | 0.00701                                   | 0.00010                                     | 0.00006                                    | 0.029                                       |
|                                       | 舊西螺國中                | 0.0014                      | 0.0153                  | 0.28                        | 24                                         | 20                                       | 1.90              | 0.15               | 2.10                     | ND                  | 0.00471                                   | 0.00012                                     | 0.00003                                    | 0.020                                       |
| 107<br>9<br>16<br>~<br>107<br>9<br>27 | 僑義國小                 | 0.0035                      | 0.0141                  | 0.26                        | 60                                         | 46                                       | 2.10              | 0.09               | 2.20                     | 0.0037              | 0.00796                                   | 0.00016                                     | 0.00002                                    | 0.041                                       |
|                                       | 水尾國小                 | 0.0042                      | 0.0094                  | 0.26                        | 61                                         | 43                                       | 2.00              | 0.10               | 2.10                     | 0.0035              | 0.00705                                   | 0.00020                                     | 0.00002                                    | 0.057                                       |
|                                       | 田頭國小                 | 0.0030                      | 0.0144                  | 0.42                        | 53                                         | 34                                       | 21.00             | 0.11               | 2.30                     | ND                  | 0.00678                                   | 0.00016                                     | 0.00003                                    | 0.172                                       |
|                                       | 廣興國小                 | 0.0028                      | 0.0090                  | 0.31                        | 67                                         | 40                                       | 2.00              | 0.09               | 2.10                     | ND                  | 0.01070                                   | 0.00022                                     | 0.00003                                    | 0.011                                       |
|                                       | 吳厝國小                 | 0.0028                      | 0.0078                  | 0.29                        | 77                                         | 32                                       | 2.00              | 0.07               | 2.10                     | ND                  | 0.00705                                   | 0.00017                                     | 0.00003                                    | ND                                          |
|                                       | 安定國小                 | 0.0031                      | 0.0173                  | 0.42                        | 53                                         | 38                                       | 2.20              | 0.12               | 2.30                     | 0.0500              | 0.00762                                   | 0.00015                                     | 0.00003                                    | 0.131                                       |
|                                       | 舊西螺國中                | 0.0040                      | 0.0146                  | 0.47                        | 79                                         | 46                                       | 2.10              | 0.13               | 2.20                     | ND                  | 0.01560                                   | 0.00034                                     | 0.00005                                    | 0.033                                       |

# 空氣品質及氣象監測結果(2/2)

監測頻率：每季乙次，24小時連續監測

| 監測<br>期間                               | 檢測項目<br>監測地點 | 乾沉降<br>PAHS<br>*<br>μg/m <sup>2</sup> -day | 乾沉降<br>鋅<br>*<br>kg/km <sup>2</sup> /月 | 乾沉降<br>鎘<br>*<br>kg/km <sup>2</sup> /月 | 乾沉降<br>鉛<br>*<br>kg/km <sup>2</sup> /月 | 乾沉降<br>銅<br>*<br>kg/km <sup>2</sup> /月 | 乾沉降<br>汞<br>*<br>kg/km <sup>2</sup> /月 | 乾沉降<br>戴奧辛<br>*<br>ng/TEQ/ m <sup>2</sup> -day | 濕沉降<br>PAHS<br>*<br>μg/m <sup>2</sup> -day | 濕沉降<br>鋅<br>*<br>kg/km <sup>2</sup> /月 | 濕沉降<br>鎘<br>*<br>kg/km <sup>2</sup> /月 | 濕沉降<br>鉛<br>*<br>kg/km <sup>2</sup> /月 | 濕沉降<br>銅<br>*<br>kg/km <sup>2</sup> /月 | 濕沉降<br>汞<br>*<br>kg/km <sup>2</sup> /月 | 濕沉降<br>戴奧辛<br>*<br>μg/TEQ/L |
|----------------------------------------|--------------|--------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|------------------------------------------------|--------------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|-----------------------------|
| 107<br>1<br>21<br>~<br>107<br>1<br>31  | 僑義國小         | 0.111                                      | 9.11                                   | ND                                     | 0.414                                  | 1.33                                   | <0.015                                 | 8.143                                          | 0.146                                      | 2.89                                   | ND                                     | ND                                     | ND                                     | ND                                     | 2.840                       |
|                                        | 水尾國小         | 0.196                                      | 8.52                                   | ND                                     | 0.443                                  | 1.81                                   | <0.015                                 | 0.120                                          | 0.170                                      | 4.58                                   | ND                                     | ND                                     | ND                                     | ND                                     | 0.356                       |
|                                        | 田頭國小         | 0.229                                      | 18.90                                  | ND                                     | 0.408                                  | 2.08                                   | <0.015                                 | 0.306                                          | 0.1830                                     | 3.06                                   | ND                                     | ND                                     | ND                                     | ND                                     | 5.610                       |
|                                        | 廣興國小         | 0.321                                      | 11.60                                  | ND                                     | 0.254                                  | 2.23                                   | <0.015                                 | 0.306                                          | 0.135                                      | ND                                     | ND                                     | ND                                     | ND                                     | ND                                     | 0.299                       |
|                                        | 吳厝國小         | 0.216                                      | 7.87                                   | ND                                     | 0.440                                  | 1.54                                   | <0.015                                 | 0.146                                          | 0.109                                      | ND                                     | ND                                     | ND                                     | ND                                     | ND                                     | ND                          |
|                                        | 安定國小         | 0.165                                      | 17.00                                  | ND                                     | 0.471                                  | 1.68                                   | <0.015                                 | 0.149                                          | 0.155                                      | ND                                     | ND                                     | ND                                     | ND                                     | ND                                     | 0.395                       |
|                                        | 舊西螺國中        | 0.204                                      | 11.90                                  | ND                                     | 0.899                                  | 2.04                                   | <0.015                                 | 0.529                                          | 0.093                                      | ND                                     | ND                                     | ND                                     | ND                                     | ND                                     | 2.980                       |
| 107<br>3<br>22<br>~<br>106<br>4<br>23  | 僑義國小         | 0.167                                      | 4.18                                   | ND                                     | 0.368                                  | 1.060                                  | ND                                     | 0.786                                          | 0.659                                      | 3.400                                  | ND                                     | ND                                     | 1.360                                  | ND                                     | 0.411                       |
|                                        | 水尾國小         | 0.111                                      | 2.70                                   | ND                                     | 0.378                                  | 0.960                                  | ND                                     | 0.740                                          | 0.472                                      | 1.870                                  | ND                                     | ND                                     | 1.020                                  | ND                                     | 1.560                       |
|                                        | 田頭國小         | 0.276                                      | 2.65                                   | ND                                     | 0.304                                  | 0.870                                  | ND                                     | 0.374                                          | 0.425                                      | 3.400                                  | ND                                     | 0.509                                  | 4.580                                  | ND                                     | 0.405                       |
|                                        | 廣興國小         | 0.209                                      | 4.44                                   | ND                                     | 0.275                                  | 0.946                                  | ND                                     | 5.860                                          | 0.359                                      | 4.240                                  | ND                                     | ND                                     | 1.360                                  | ND                                     | 0.320                       |
|                                        | 吳厝國小         | 0.150                                      | 2.27                                   | ND                                     | 0.244                                  | ND                                     | ND                                     | 1.200                                          | 0.423                                      | 3.400                                  | ND                                     | ND                                     | 1.360                                  | ND                                     | 0.341                       |
|                                        | 安定國小         | 0.165                                      | 1.74                                   | ND                                     | 0.279                                  | ND                                     | ND                                     | 2.710                                          | 0.349                                      | 3.730                                  | ND                                     | 0.679                                  | 2.500                                  | ND                                     | 0.697                       |
|                                        | 舊西螺國中        | 0.082                                      | 1.75                                   | ND                                     | 0.316                                  | 0.815                                  | ND                                     | 0.757                                          | 0.372                                      | ND                                     | ND                                     | ND                                     | 0.849                                  | ND                                     | 0.637                       |
| 107<br>6<br>14<br>、<br>107<br>7<br>16  | 僑義國小         | 0.050                                      | 5.42                                   | ND                                     | ND                                     | 0.80                                   | <0.015                                 | 0.340                                          | 0.053                                      | 5.94                                   | ND                                     | ND                                     | 1.70                                   | ND                                     | 0.024                       |
|                                        | 水尾國小         | 0.023                                      | 4.16                                   | ND                                     | ND                                     | 0.84                                   | <0.015                                 | 0.534                                          | 0.090                                      | 4.75                                   | ND                                     | 0.509                                  | 1.53                                   | ND                                     | 0.029                       |
|                                        | 田頭國小         | 0.032                                      | 2.81                                   | ND                                     | ND                                     | <0.771                                 | <0.015                                 | 0.529                                          | 0.1240                                     | 4.75                                   | ND                                     | ND                                     | 1.70                                   | ND                                     | 0.042                       |
|                                        | 廣興國小         | 0.038                                      | 5.38                                   | ND                                     | 0.280                                  | 0.92                                   | <0.015                                 | 0.563                                          | 0.055                                      | 4.92                                   | ND                                     | 0.679                                  | 2.89                                   | ND                                     | 0.041                       |
|                                        | 吳厝國小         | 0.021                                      | 3.24                                   | ND                                     | ND                                     | 0.80                                   | <0.015                                 | 0.337                                          | 0.044                                      | 5.94                                   | ND                                     | ND                                     | 1.87                                   | ND                                     | 0.025                       |
|                                        | 安定國小         | 0.026                                      | 5.95                                   | ND                                     | 0.986                                  | 1.32                                   | <0.015                                 | 0.983                                          | 0.086                                      | 11.50                                  | ND                                     | 10.200                                 | 6.11                                   | ND                                     | 0.021                       |
|                                        | 舊西螺國中        | 0.025                                      | 7.71                                   | ND                                     | 0.282                                  | 0.93                                   | <0.015                                 | 0.180                                          | 0.058                                      | 4.07                                   | ND                                     | ND                                     | 2.720                                  | ND                                     | 0.056                       |
| 107<br>9<br>18<br>~<br>107<br>10<br>19 | 僑義國小         | 0.032                                      | 1.98                                   | ND                                     | 0.296                                  | 0.78                                   | <0.015                                 | 0.0630                                         | 0.068                                      | 2.210                                  | ND                                     | ND                                     | ND                                     | ND                                     | 0.019                       |
|                                        | 水尾國小         | 0.013                                      | 2.61                                   | ND                                     | 0.606                                  | 1.07                                   | <0.015                                 | 0.0146                                         | 0.142                                      | 2.210                                  | ND                                     | ND                                     | ND                                     | ND                                     | 0.007                       |
|                                        | 田頭國小         | 0.016                                      | 1.02                                   | ND                                     | ND                                     | <0.771                                 | <0.015                                 | 0.2600                                         | 0.065                                      | 2.210                                  | ND                                     | ND                                     | ND                                     | ND                                     | 0.025                       |
|                                        | 廣興國小         | 0.022                                      | 1.70                                   | ND                                     | ND                                     | <0.771                                 | <0.015                                 | 0.2030                                         | 0.053                                      | 1.700                                  | ND                                     | 0.679                                  | ND                                     | ND                                     | 0.027                       |
|                                        | 吳厝國小         | 0.028                                      | 1.30                                   | ND                                     | ND                                     | 0.86                                   | <0.015                                 | 0.1660                                         | 0.098                                      | 1.700                                  | ND                                     | ND                                     | ND                                     | ND                                     | 0.028                       |
|                                        | 安定國小         | 0.043                                      | 1.46                                   | ND                                     | ND                                     | 0.84                                   | <0.015                                 | 0.1400                                         | 0.149                                      | 2.380                                  | ND                                     | ND                                     | ND                                     | ND                                     | 0.018                       |
|                                        | 舊西螺國中        | 0.021                                      | 2.25                                   | ND                                     | 0.369                                  | 1.10                                   | <0.015                                 | 0.2630                                         | 0.064                                      | 48.700                                 | ND                                     | 1.020                                  | 4.750                                  | ND                                     | 0.103                       |