

| 台中市府環境保護局「107年掩埋場地下水質之採樣監測及申報等工作」第一季地下水質監測結果 |           |        |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
|----------------------------------------------|-----------|--------|-----------------|--------|------|-------|------|--------|--------|-------|------|-------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|-------|--------|------|
| 項目                                           | PH        | 水溫     | 導電度             | 溶氧     | 懸浮固體 | 總溶解固體 | 氨氮   | 硝酸鹽氮   | 亞硝酸鹽氮  | 硫酸鹽   | 氯鹽   | 氟鹽    | 總酚     | 總硬度    | 鉛      | 鎘      | 銅      | 鋅      | 鎳      | 砷       | 汞      | 鐵      | 錳      | 總鉻    | 總有機碳   |      |
| 單位                                           | -         | ℃      | $\mu$<br>mho/cm | mg/L   | mg/L | mg/L  | mg/L | mg/L   | mg/L   | mg/L  | mg/L | mg/L  | mg/L   | mg/L   | mg/L   | mg/L   | mg/L   | mg/L   | mg/L   | mg/L    | mg/L   | mg/L   | mg/L   | mg/L  | mg C/L |      |
| MDL                                          | -         | -      | -               | -      | 2.5  | 10    | -    | 0.0048 | 0.0032 | 2.88  | 0.44 | 0.022 | 0.0008 | 0.59   | 0.0052 | 0.0023 | 0.0027 | 0.0053 | 0.0027 | 0.00023 | 0.0007 | 0.0037 | 0.0023 | 0.024 | 0.092  |      |
| 地下水管制標準                                      | -         | -      | -               | -      | -    | -     | -    | 100    | 10     | -     | -    | 8     | -      | -      | 0.1    | 0.1    | 10     | 50     | 1      | 0.5     | 0.02   | -      | -      | 0.5   | -      |      |
| 地下水監測標準                                      | -         | -      | -               | -      | -    | 1250  | 0.25 | 50     | 5      | 625   | 625  | 4     | 0.14   | 750    | 0.05   | 0.03   | 5      | 25     | 0.5    | 0.25    | 0.01   | 1.5    | 0.25   | 0.25  | 10     |      |
| 監測井名稱                                        | 採樣日期      | 大肚區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.1.18  | 6.3    | 24.8            | 242    | 0.5  | 226   | 181  | 0.19   | 0.04   | 0.01  | 23.3 | 20.4  | 0.21   | N.D    | 40.5   | N.D    | <0.001 | N.D    | 0.025  | N.D     | 0.0017 | 0.0007 | 11.2   | 0.546 | 0.004  | 1.2  |
| 下游                                           | 107.1.18  | 6      | 25.4            | 486    | 1    | 2.4   | 288  | 1.88   | 0.69   | <0.01 | 10.4 | 62.3  | 0.14   | N.D    | 116    | N.D    | N.D    | 0.003  | 0.015  | 0.006   | 0.0004 | 0.0006 | 0.053  | 0.141 | 0.006  | 2.8  |
| 監測井名稱                                        | 採樣日期      | 沙鹿區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.1.25  | 6      | 24.1            | 199    | 2.6  | 13.2  | 170  | 0.15   | 7.84   | <0.01 | 1    | 9.7   | 0.18   | 0.0011 | 36.4   | N.D    | N.D    | 0.007  | 0.031  | 0.021   | 0.0007 | 0.0003 | 0.304  | 0.126 | 0.001  | 2    |
| 下游                                           | 107.1.25  | 6.2    | 22.4            | 222    | 4.3  | 5.6   | 148  | 2.74   | 3.88   | <0.01 | N.D  | 13.4  | 0.19   | N.D    | 24.2   | N.D    | N.D    | N.D    | 0.025  | N.D     | N.D    | 0.0003 | 0.043  | 0.15  | 0.001  | 2.6  |
| 監測井名稱                                        | 採樣日期      | 清水區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.1.25  | 5.9    | 24.7            | 334    | 4.3  | 19.5  | 252  | 0.08   | 11.6   | <0.01 | 25.7 | 31.7  | 0.17   | N.D    | 106    | N.D    | N.D    | 0.001  | 0.097  | 0.004   | 0.0006 | 0.0003 | 0.032  | 0.018 | 0.002  | 1.9  |
| 下游                                           | 107.1.25  | 5.6    | 23.4            | 312    | 4.3  | 5.1   | 254  | 0.06   | 9.92   | <0.01 | 35.7 | 22.6  | 0.13   | 0.0067 | 96     | N.D    | N.D    | 0.006  | 0.046  | N.D     | 0.0006 | 0.0004 | 0.059  | 0.015 | 0.009  | 1.3  |
| 監測井名稱                                        | 採樣日期      | 神岡區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.2.1   | 6.6    | 20.3            | 385    | 3.5  | 0.7   | 246  | 0.2    | 3.63   | <0.01 | 66.2 | 7.7   | 0.18   | 0.0012 | 216    | ND     | ND     | ND     | 0.006  | ND      | ND     | ND     | 0.013  | 0.003 | ND     | 1.5  |
| 下游                                           | 107.2.1   | 7      | 18.6            | 700    | 0.6  | 1.1   | 374  | 2.46   | 0.11   | <0.01 | 76.2 | 51    | 0.26   | ND     | 241    | ND     | <0.001 | ND     | 0.006  | ND      | 0.0006 | 0.0003 | 0.762  | 0.395 | ND     | 2.5  |
| 監測井名稱                                        | 採樣日期      | 外埔區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.2.2   | 7.4    | 18.6            | 560    | 0.7  | 14    | 282  | 1.09   | N.D    | <0.01 | 145  | 11    | 0.28   | N.D    | 281    | N.D    | N.D    | N.D    | 0.007  | N.D     | 0.0124 | 0.0006 | 0.495  | 0.465 | N.D    | 1.6  |
| 下游                                           | 107.2.2   | 7.2    | 20.5            | 876    | 0.6  | 20.6  | 485  | 3.12   | 0.05   | <0.01 | 141  | 24.9  | 0.31   | 0.0044 | 345    | N.D    | N.D    | N.D    | 0.008  | N.D     | 0.0121 | 0.0032 | 4.06   | 1.03  | 0.002  | 5.3  |
| 監測井名稱                                        | 採樣日期      | 大甲區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.2.6   | 7.4    | 20.8            | 2370   | 1.7  | 4.7   | 1200 | 3.32   | 1.33   | 0.02  | 93.6 | 189   | 1.06   | 0.0051 | 451    | ND     | ND     | 0.008  | 0.007  | 0.007   | 0.0133 | 0.0014 | 0.91   | 0.66  | 0.009  | 50.3 |
| 下游                                           | 107.2.6   | 7.4    | 23              | 1290   | 1    | 8.6   | 647  | 1.08   | 0.03   | <0.01 | 191  | 11.4  | 0.2    | N.D    | 335    | ND     | ND     | ND     | 0.004  | N.D     | 0.0048 | 0.004  | 1.93   | 0.644 | 0.001  | 2.6  |
| 監測井名稱                                        | 採樣日期      | 大安區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.2.6   | 6.9    | 21.5            | 490    | 1    | 12.9  | 249  | 3.32   | 0.23   | 0.01  | 70   | 21.3  | 0.21   | ND     | 135    | ND     | ND     | 0.021  | 0.013  | ND      | 0.0223 | 0.0004 | 1.28   | 0.511 | ND     | 4.3  |
| 下游                                           | 107.2.6   | 7.2    | 21.2            | 2520   | 0.5  | 20.3  | 1270 | 3.66   | 0.41   | 0.06  | 52.2 | 142   | 0.32   | 0.0068 | 445    | N.D    | N.D    | 0.012  | 0.014  | N.D     | 0.025  | 0.0009 | 0.401  | 1.37  | 0.006  | 38.5 |
| 監測井名稱                                        | 採樣日期      | 龍井區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.1.25  | 7.2    | 25.6            | 3040   | 0.4  | 7.9   | 1980 | 0.37   | 0.02   | 0.01  | 266  | 522   | 0.46   | 0.001  | 636    | N.D    | N.D    | N.D    | 0.011  | N.D     | 0.0057 | 0.0006 | 0.115  | 0.882 | 0.006  | 6.4  |
| 下游                                           | 107.1.25  | 7.8    | 24.2            | 12,200 | 0.5  | 31.5  | 7950 | 1.18   | N.D    | <0.01 | 572  | 5440  | 2.34   | N.D    | 1140   | N.D    | N.D    | N.D    | 0.008  | N.D     | 0.0138 | N.D    | 0.066  | 0.176 | N.D    | 1.6  |
| 監測井名稱                                        | 採樣日期      | 霧峰區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.1.25  | 8.4    | 24.6            | 1370   | 1.5  | 4     | 890  | 1.85   | 0.08   | 0.01  | 298  | 11.1  | 0.18   | N.D    | 35.4   | N.D    | N.D    | N.D    | 0.007  | N.D     | 0.0079 | 0.0005 | 0.021  | 0.02  | N.D    | 2    |
| 下游                                           | 107.1.25  | 7.8    | 26              | 1760   | 2.3  | 12.2  | 1170 | 0.93   | 0.07   | 0.01  | 257  | 15.3  | 2.27   | N.D    | 85.9   | N.D    | N.D    | 0.01   | 0.006  | 0.008   | 0.0029 | 0.0004 | 0.033  | 0.055 | 0.004  | 4.3  |
| 監測井名稱                                        | 採樣日期      | 后里環保公園 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.3.5   | 7      | 24.1            | 327    | 2.2  | 2     | 216  | ND     | 0.52   | ND    | 47.5 | 5.1   | 0.1    | ND     | 178    | ND     | ND     | ND     | 0.006  | ND      | 0.0003 | ND     | 0.04   | 0.01  | 0.001  | 1.3  |
| 中游                                           | 107.3.5   | 6.4    | 27.1            | 373    | 2.4  | ND    | 235  | ND     | 1.82   | ND    | 53   | 10.3  | 0.1    | ND     | 222    | ND     | ND     | ND     | 0.005  | ND      | ND     | ND     | 0.023  | 0.001 | 0.002  | 1.2  |
| 下游                                           | 107.3.5   | 6.4    | 24.6            | 296    | 1    | ND    | 186  | 0.46   | 1.42   | ND    | 52.2 | 9.8   | 0.14   | ND     | 105    | ND     | ND     | ND     | ND     | ND      | 0.0003 | ND     | ND     | ND    | ND     | 1.6  |
| 監測井名稱                                        | 採樣日期      | 豐原區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.3.12  | 7.1    | 22.2            | 283    | 5.5  | 15.8  | 176  | 0.07   | 1.09   | <0.01 | 34.3 | 3.8   | 0.13   | ND     | 111    | ND     | ND     | ND     | 0.02   | ND      | 0.0003 | ND     | 0.069  | 0.006 | ND     | 1.9  |
| 下游                                           | 107.3.12  | 6.4    | 20.8            | 375    | 1.9  | 3.2   | 232  | 1.24   | ND     | 0.01  | 76.4 | 5.2   | 0.12   | ND     | 182    | ND     | ND     | ND     | ND     | ND      | 0.0072 | 0.0003 | 0.916  | 0.24  | 0.002  | 2    |
| 監測井名稱                                        | 採樣日期      | 潭子區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.03.05 | 6.5    | 26.4            | 376    | 4    | ND    | 226  | 0.06   | 2.08   | ND    | 53.7 | 13.6  | 0.17   | ND     | 162    | ND     | ND     | ND     | ND     | ND      | ND     | ND     | 0.08   | ND    | ND     | 1.3  |
| 下游                                           | 107.03.05 | 6.6    | 24.8            | 376    | 2.9  | 7     | 242  | 0.06   | 1.45   | ND    | 47   | 13.3  | 0.17   | 0.0017 | 168    | ND     | ND     | ND     | 0.006  | ND      | ND     | ND     | 0.067  | 0.046 | 0.001  | 1.5  |
| 監測井名稱                                        | 採樣日期      | 太平區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.3.8   | 6.9    | 21.7            | 876    | 1.5  | 201   | 584  | 0.2    | 0.02   | <0.01 | 119  | 21.8  | 0.22   | ND     | 501    | ND     | ND     | ND     | ND     | ND      | 0.0013 | ND     | ND     | 0.081 | ND     | 3.5  |
| 下游                                           | 107.3.8   | 8.7    | 22.3            | 2650   | 3.7  | 30.1  | 1460 | 0.17   | 0.04   | <0.01 | 87.3 | 120   | 6.42   | ND     | 15.2   | ND     | ND     | 0.001  | ND     | ND      | 0.0031 | ND     | 0.164  | 0.004 | ND     | 4.3  |
| 監測井名稱                                        | 採樣日期      | 烏日區掩埋場 |                 |        |      |       |      |        |        |       |      |       |        |        |        |        |        |        |        |         |        |        |        |       |        |      |
| 上游                                           | 107.2.8   | 6.7    | 23.6            | 708    | 0.5  | ND    | 466  | 0.09   | 0.61   | <0.01 | 128  | 13.2  | 0.09   | ND     | 344    | ND     | ND     | ND     | 0.007  | ND      | 0.0004 | ND     | 0.13   | 0.12  | ND     | 2.1  |
| 下游                                           | 107.2.8   | 6.9    | 23.9            | 478    | 0.2  | ND    | 291  | 3.33   | 0.2    | <0.01 | 56.1 | 10.4  | 0.08   | ND     | 204    | ND     | ND     | ND     | ND     | ND      | 0.0014 | 0.0004 | ND     | ND    | ND     | 2.3  |

註1：“MDL”表方法偵測極限；“ND”表示低於方法偵測極限；“-”表無相關標準、單位或測值。  
註2：表中單位除酸鹼度無單位、總硬度為mg CaCO3/L、總有機碳為mg C/L、導電度為μS/cm外，其餘欄位單位皆為mg/L。  
註3:「粗體」處表示超過地下水標準第二類污染監測標準。  
註4：資料若有誤繕，依原始檢測報告數據為主