

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|-----|-----|---------|------|-----|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| T4820 | T4820 | T4819 | R | R | | | 0.54 | 1.89 | | | 93.6 | 93.6 | 0.0 | 0.0 | 227.45 | 227.45 | 875 | 3.84 | 59.28 | 872.64 | 34.12 | 34.12 | 93.40 | 261.57 | 906.76 |
| T4819 | T4819 | T4818 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 227.45 | 875 | 3.84 | 59.28 | 872.64 | 0.00 | 34.12 | 93.40 | 261.57 | 906.76 |
| T4818 | T4818 | T4817 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 227.45 | 875 | 3.84 | 59.28 | 872.64 | 0.00 | 34.12 | 93.40 | 261.57 | 906.76 |
| T4817 | T4817 | T4816 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 227.45 | 875 | 3.84 | 59.28 | 872.64 | 0.00 | 34.12 | 93.40 | 261.57 | 906.76 |
| T4816 | T4816 | T4815 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 227.45 | 875 | 3.84 | 59.28 | 872.64 | 0.00 | 34.12 | 93.40 | 261.57 | 906.76 |
| T4815 | T4815 | T4814 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 227.45 | 875 | 3.84 | 59.28 | 872.64 | 0.00 | 34.12 | 93.40 | 261.57 | 906.76 |
| T4814 | T4814 | T4813 | R | | | | 1.51 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 141.34 | 368.79 | 1418 | 3.70 | 99.75 | 1363.45 | 21.20 | 55.32 | 155.07 | 424.11 | 1418.76 |
| T4813 | T4813 | T4812 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 368.79 | 1418 | 3.70 | 99.75 | 1363.45 | 0.00 | 55.32 | 155.07 | 424.11 | 1418.76 |
| T4812 | T4812 | T4811 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 368.79 | 1418 | 3.70 | 99.75 | 1363.45 | 0.00 | 55.32 | 155.07 | 424.11 | 1418.76 |
| T4811 | T4811 | T4810 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 368.79 | 1418 | 3.70 | 99.75 | 1363.45 | 0.00 | 55.32 | 155.07 | 424.11 | 1418.76 |
| T4810 | T4810 | T4809 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 368.79 | 1418 | 3.70 | 99.75 | 1363.45 | 0.00 | 55.32 | 155.07 | 424.11 | 1418.76 |
| T4809 | T4809 | T4808 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 368.79 | 1418 | 3.70 | 99.75 | 1363.45 | 0.00 | 55.32 | 155.07 | 424.11 | 1418.76 |
| T4808 | T4808 | T4807 | R | | | | 1.37 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 128.23 | 497.02 | 1912 | 3.60 | 138.03 | 1789.72 | 19.23 | 74.55 | 212.58 | 571.57 | 1864.27 |
| T4807 | T4807 | T4806 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 497.02 | 1912 | 3.60 | 138.03 | 1789.72 | 0.00 | 74.55 | 212.58 | 571.57 | 1864.27 |
| T4806 | T4806 | T4805 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 497.02 | 1912 | 3.60 | 138.03 | 1789.72 | 0.00 | 74.55 | 212.58 | 571.57 | 1864.27 |
| T4805 | T4805 | T4804 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 497.02 | 1912 | 3.60 | 138.03 | 1789.72 | 0.00 | 74.55 | 212.58 | 571.57 | 1864.27 |
| T4804 | T4804 | T4803 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 497.02 | 1912 | 3.60 | 138.03 | 1789.72 | 0.00 | 74.55 | 212.58 | 571.57 | 1864.27 |
| T4803 | T4803 | T4802 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 497.02 | 1912 | 3.60 | 138.03 | 1789.72 | 0.00 | 74.55 | 212.58 | 571.57 | 1864.27 |
| T4802 | T4802 | T4801 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 497.02 | 1912 | 3.60 | 138.03 | 1789.72 | 0.00 | 74.55 | 212.58 | 571.57 | 1864.27 |
| T4801 | T4801 | T48 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 497.02 | 1912 | 3.60 | 138.03 | 1789.72 | 0.00 | 74.55 | 212.58 | 571.57 | 1864.27 |
| T4601 | T4601 | T46 | R | | | | 0.38 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 35.57 | 35.57 | 137 | 4.20 | 8.46 | 149.52 | 5.34 | 5.34 | 13.80 | 40.91 | 154.86 |
| T1704 | T1704 | T1703 | R | R | | | 1.04 | 0.47 | | | 93.6 | 93.6 | 0.0 | 0.0 | 141.34 | 141.34 | 544 | 3.96 | 35.74 | 559.01 | 21.20 | 21.20 | 56.94 | 162.54 | 580.22 |
| T1703 | T1703 | T1702 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 141.34 | 544 | 3.96 | 35.74 | 559.01 | 0.00 | 21.20 | 56.94 | 162.54 | 580.22 |
| T1702 | T1702 | T1701 | R | | | | 1.16 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 108.58 | 249.92 | 961 | 3.81 | 65.58 | 952.46 | 16.29 | 37.49 | 103.07 | 287.41 | 989.95 |
| T1701 | T1701 | T17 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 249.92 | 961 | 3.81 | 65.58 | 952.46 | 0.00 | 37.49 | 103.07 | 287.41 | 989.95 |
| T0904 | T0904 | T0903 | R | | | | 2.95 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 276.12 | 276.12 | 1062 | 3.78 | 72.99 | 1044.56 | 41.42 | 41.42 | 114.41 | 317.54 | 1085.98 |
| T0903 | T0903 | T0902 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 276.12 | 1062 | 3.78 | 72.99 | 1044.56 | 0.00 | 41.42 | 114.41 | 317.54 | 1085.98 |
| T0902 | T0902 | T0901 | R | | | | 0.78 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 73.01 | 349.13 | 1343 | 3.71 | 94.01 | 1296.59 | 10.95 | 52.37 | 146.38 | 401.50 | 1348.96 |
| T0901 | T0901 | T09 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 349.13 | 1343 | 3.71 | 94.01 | 1296.59 | 0.00 | 52.37 | 146.38 | 401.50 | 1348.96 |
| T63 | T63 | T62 | R | | | | 1.13 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 105.77 | 105.77 | 407 | 4.02 | 26.32 | 425.04 | 15.87 | 15.87 | 42.19 | 121.64 | 440.91 |
| T62 | T62 | T61 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 105.77 | 407 | 4.02 | 26.32 | 425.04 | 0.00 | 15.87 | 42.19 | 121.64 | 440.91 |
| T61 | T61 | T60 | R | | | | 3.678 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 344.26 | 450.03 | 1731 | 3.63 | 123.85 | 1635.28 | 51.64 | 67.50 | 191.35 | 517.53 | 1702.79 |
| T60 | T60 | T59 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 450.03 | 1731 | 3.63 | 123.85 | 1635.28 | 0.00 | 67.50 | 191.35 | 517.53 | 1702.79 |
| T59 | T59 | T58 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 450.03 | 1731 | 3.63 | 123.85 | 1635.28 | 0.00 | 67.50 | 191.35 | 517.53 | 1702.79 |
| T58 | T58 | T57 | R | | | | 1.966 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 184.02 | 634.05 | 2439 | 3.52 | 180.27 | 2230.08 | 27.60 | 95.11 | 275.38 | 729.16 | 2325.19 |
| T57 | T57 | T56 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 634.05 | 2439 | 3.52 | 180.27 | 2230.08 | 0.00 | 95.11 | 275.38 | 729.16 | 2325.19 |
| T56 | T56 | T55 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 634.05 | 2439 | 3.52 | 180.27 | 2230.08 | 0.00 | 95.11 | 275.38 | 729.16 | 2325.19 |
| T55 | T55 | T54 | R | R | | | 0.482 | 0.54 | | | 93.6 | 93.6 | 0.0 | 0.0 | 95.66 | 729.71 | 2807 | 3.47 | 210.49 | 2529.75 | 14.35 | 109.46 | 319.94 | 839.17 | 2639.20 |
| T54 | T54 | T53 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 729.71 | 2807 | 3.47 | 210.49 | 2529.75 | 0.00 | 109.46 | 319.94 | 839.17 | 2639.20 |
| T53 | T53 | T52 | R | R | | | 0.682 | 6.27 | | | 93.6 | 93.6 | 0.0 | 0.0 | 650.99 | 1380.70 | 5310 | 3.22 | 428.70 | 4446.81 | 97.65 | 207.11 | 635.80 | 1587.81 | 4653.91 |
| T52 | T52 | T51 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1380.70 | 5310 | 3.22 | 428.70 | 4446.81 | 0.00 | 207.11 | 635.80 | 1587.81 | 4653.91 |
| T51 | T51 | T50 | R | R | | | 1.85 | 6.37 | | | 93.6 | 93.6 | 0.0 | 0.0 | 769.11 | 2149.81 | 8269 | 3.04 | 708.06 | 6527.23 | 115.37 | 322.47 | 1030.53 | 2472.28 | 6849.70 |
| T50 | T50 | T49 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2149.81 | 8269 | 3.04 | 708.06 | 6527.23 | 0.00 | 322.47 | 1030.53 | 2472.28 | 6849.70 |
| T49 | T49 | T48 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2149.81 | 8269 | 3.04 | 708.06 | 6527.23 | 0.00 | 322.47 | 1030.53 | 2472.28 | 6849.70 |
| T48 | T48 | T47 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2646.83 | 10180 | 2.95 | 898.15 | 7800.16 | 0.00 | 397.02 | 1295.17 | 3043.85 | 8197.19 |
| T47 | T47 | T46 | R | | | | 1.48 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 138.53 | 2785.36 | 10713 | 2.92 | 952.29 | 8146.92 | 20.78 | 417.80 | 1370.09 | 3203.16 | 8564.73 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|------|---------|-----|----------|-----|-----|-----|-----------|------|------|-----|---------|------|------|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| T46 | T46 | T45 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2820.93 | 10850 | 2.92 | 966.27 | 8235.43 | 0.00 | 423.14 | 1389.41 | 3244.07 | 8658.57 |
| T45 | T45 | T44 | R | R | R | | 0.26 | 0.31 | 0.31 | | 93.6 | 93.6 | 93.6 | 0.0 | 82.37 | 2903.30 | 11167 | 2.91 | 998.76 | 8439.64 | 12.36 | 435.50 | 1434.25 | 3338.80 | 8875.14 |
| T44 | T44 | T43 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2903.30 | 11167 | 2.91 | 998.76 | 8439.64 | 0.00 | 435.50 | 1434.25 | 3338.80 | 8875.14 |
| T43 | T43 | T42 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2903.30 | 11167 | 2.91 | 998.76 | 8439.64 | 0.00 | 435.50 | 1434.25 | 3338.80 | 8875.14 |
| T42 | T42 | T41 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2903.30 | 11167 | 2.91 | 998.76 | 8439.64 | 0.00 | 435.50 | 1434.25 | 3338.80 | 8875.14 |
| T41 | T41 | T40 | R | | | | 2.44 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 228.38 | 3131.68 | 12045 | 2.87 | 1089.65 | 9000.50 | 34.26 | 469.75 | 1559.41 | 3601.43 | 9470.25 |
| T40 | T40 | T39 | R | R | R | | 0.64 | 0.34 | 0.77 | | 93.6 | 93.6 | 93.6 | 0.0 | 163.80 | 3295.48 | 12675 | 2.85 | 1155.58 | 9398.06 | 24.57 | 494.32 | 1649.90 | 3789.80 | 9892.38 |
| T39 | T39 | T38 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3295.48 | 12675 | 2.85 | 1155.58 | 9398.06 | 0.00 | 494.32 | 1649.90 | 3789.80 | 9892.38 |
| T38 | T38 | T37 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3295.48 | 12675 | 2.85 | 1155.58 | 9398.06 | 0.00 | 494.32 | 1649.90 | 3789.80 | 9892.38 |
| T37 | T37 | T36 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3295.48 | 12675 | 2.85 | 1155.58 | 9398.06 | 0.00 | 494.32 | 1649.90 | 3789.80 | 9892.38 |
| T36 | T36 | T35 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3295.48 | 12675 | 2.85 | 1155.58 | 9398.06 | 0.00 | 494.32 | 1649.90 | 3789.80 | 9892.38 |
| T35 | T35 | T34 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3295.48 | 12675 | 2.85 | 1155.58 | 9398.06 | 0.00 | 494.32 | 1649.90 | 3789.80 | 9892.38 |
| T34 | T34 | T33 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3295.48 | 12675 | 2.85 | 1155.58 | 9398.06 | 0.00 | 494.32 | 1649.90 | 3789.80 | 9892.38 |
| T33 | T33 | T32 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3295.48 | 12675 | 2.85 | 1155.58 | 9398.06 | 0.00 | 494.32 | 1649.90 | 3789.80 | 9892.38 |
| T32 | T32 | T31 | R | | | | 3.26 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 305.14 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 45.77 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T31 | T31 | T30 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T30 | T30 | T29 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T29 | T29 | T28 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T28 | T28 | T27 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T27 | T27 | T26 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T26 | T26 | T25 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T25 | T25 | T24 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T24 | T24 | T23 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T23 | T23 | T22 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T22 | T22 | T21 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3600.62 | 13849 | 2.81 | 1279.93 | 10129.04 | 0.00 | 540.09 | 1820.02 | 4140.71 | 10669.13 |
| T21 | T21 | T20 | R | | | | 0.18 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 16.85 | 3617.47 | 13913 | 2.81 | 1286.84 | 10169.15 | 2.53 | 542.62 | 1829.46 | 4160.09 | 10711.77 |
| T20 | T20 | T19 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3617.47 | 13913 | 2.81 | 1286.84 | 10169.15 | 0.00 | 542.62 | 1829.46 | 4160.09 | 10711.77 |
| T19 | T19 | T18 | R | | | | 1.7 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 159.12 | 3776.59 | 14525 | 2.79 | 1352.50 | 10545.39 | 23.87 | 566.49 | 1918.99 | 4343.08 | 11111.88 |
| T18 | T18 | T17 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3776.59 | 14525 | 2.79 | 1352.50 | 10545.39 | 0.00 | 566.49 | 1918.99 | 4343.08 | 11111.88 |
| T17 | T17 | T16 | R | | | | 0.81 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 75.82 | 4102.33 | 15778 | 2.76 | 1488.45 | 11306.48 | 11.37 | 615.35 | 2103.80 | 4717.68 | 11921.83 |
| T16 | T16 | T15 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4102.33 | 15778 | 2.76 | 1488.45 | 11306.48 | 0.00 | 615.35 | 2103.80 | 4717.68 | 11921.83 |
| T15 | T15 | T14 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4102.33 | 15778 | 2.76 | 1488.45 | 11306.48 | 0.00 | 615.35 | 2103.80 | 4717.68 | 11921.83 |
| T14 | T14 | T13 | R | P | | | 0.76 | 0.65 | | | 93.6 | 10.0 | 0.0 | 0.0 | 77.64 | 4179.97 | 16077 | 2.75 | 1521.15 | 11486.14 | 11.65 | 627.00 | 2148.15 | 4806.97 | 12113.13 |
| T13 | T13 | T12 | R | R | | | 1.14 | 0.54 | | | 93.6 | 93.6 | 0.0 | 0.0 | 157.25 | 4337.22 | 16682 | 2.73 | 1587.71 | 11848.15 | 23.59 | 650.58 | 2238.30 | 4987.80 | 12498.73 |
| T12 | T12 | T11 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4337.22 | 16682 | 2.73 | 1587.71 | 11848.15 | 0.00 | 650.58 | 2238.30 | 4987.80 | 12498.73 |
| T11 | T11 | T10 | R | | | | 1.67 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 156.31 | 4493.53 | 17283 | 2.72 | 1654.31 | 12205.59 | 23.45 | 674.03 | 2328.34 | 5167.56 | 12879.62 |
| T10 | T10 | T09 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4493.53 | 17283 | 2.72 | 1654.31 | 12205.59 | 0.00 | 674.03 | 2328.34 | 5167.56 | 12879.62 |
| T09 | T09 | T08 | R | P | | | 1.82 | 1.06 | | | 93.6 | 10.0 | 0.0 | 0.0 | 180.95 | 5023.61 | 19322 | 2.67 | 1883.25 | 13400.60 | 27.14 | 753.54 | 2636.79 | 5777.15 | 14154.14 |
| T08 | T08 | T07 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5023.61 | 19322 | 2.67 | 1883.25 | 13400.60 | 0.00 | 753.54 | 2636.79 | 5777.15 | 14154.14 |
| T07 | T07 | T06 | P | | | | 1.06 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 10.60 | 5034.21 | 19362 | 2.67 | 1887.86 | 13424.33 | 1.59 | 755.13 | 2642.99 | 5789.34 | 14179.46 |
| T06 | T06 | T05 | P | | | | 1.37 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 13.70 | 5047.91 | 19415 | 2.67 | 1893.85 | 13454.84 | 2.06 | 757.19 | 2651.03 | 5805.10 | 14212.03 |
| T05 | T05 | T04 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5047.91 | 19415 | 2.67 | 1893.85 | 13454.84 | 0.00 | 757.19 | 2651.03 | 5805.10 | 14212.03 |
| T04 | T04 | T03 | R | S | E | | 1.42 | 1.38 | 0.20 | | 93.6 | 50.0 | 50.0 | 0.0 | 211.91 | 5259.82 | 20230 | 2.65 | 1986.72 | 13925.32 | 31.79 | 788.97 | 2775.69 | 6048.79 | 14714.29 |
| T03 | T03 | T02 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5259.82 | 20230 | 2.65 | 1986.72 | 13925.32 | 0.00 | 788.97 | 2775.69 | 6048.79 | 14714.29 |
| T02 | T02 | T01 | B | B | | | 0.26 | 0.23 | | | 93.6 | 93.6 | 0.0 | 0.0 | 45.86 | 5305.68 | 20406 | 2.64 | 2006.90 | 14026.70 | 6.88 | 795.85 | 2802.76 | 6101.53 | 14822.55 |
| T01 | T01 | O50 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5305.68 | 20406 | 2.64 | 2006.90 | 14026.70 | 0.00 | 795.85 | 2802.76 | 6101.53 | 14822.55 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|-----|---------|------|------|-----|------------|------------|-----------|----------|------------|------------|------------|-------|------------|------------|------------|--|--|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | | | |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) | | |
| S1632 | S1632 | S1631 | R | R | | | 1.05 | 1.83 | | | 93.6 | 93.6 | 0.0 | 0.0 | 269.57 | 269.57 | 1037 | 3.79 | 71.13 | 1021.61 | 40.44 | 40.44 | 111.57 | 310.01 | 1062.04 | | |
| S1631 | S1631 | S1630 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 269.57 | 1037 | 3.79 | 71.13 | 1021.61 | 0.00 | 40.44 | 111.57 | 310.01 | 1062.04 | | |
| S1630 | S1630 | S1629 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 269.57 | 1037 | 3.79 | 71.13 | 1021.61 | 0.00 | 40.44 | 111.57 | 310.01 | 1062.04 | | |
| S1629 | S1629 | S1628 | R | | | | 0.3 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 28.08 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 4.21 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1628 | S1628 | S1627 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1627 | S1627 | S1626 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1626 | S1626 | S1625 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1625 | S1625 | S1624 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1624 | S1624 | S1623 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1623 | S1623 | S1622 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1622 | S1622 | S1621 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1621 | S1621 | S1620 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1620 | S1620 | S1619 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1619 | S1619 | S1618 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1618 | S1618 | S1617 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1617 | S1617 | S1616 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1616 | S1616 | S1615 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1615 | S1615 | S1614 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1614 | S1614 | S1613 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1613 | S1613 | S1612 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1612 | S1612 | S1611 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1611 | S1611 | S1610 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1610 | S1610 | S1609 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1609 | S1609 | S1608 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1608 | S1608 | S1607 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 297.65 | 1145 | 3.76 | 79.13 | 1119.56 | 0.00 | 44.65 | 123.78 | 342.30 | 1164.20 | | |
| S1607 | S1607 | S1606 | P | | | | 1.96 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 19.60 | 317.25 | 1220 | 3.74 | 84.77 | 1187.36 | 2.94 | 47.59 | 132.35 | 364.84 | 1234.95 | | |
| S1606 | S1606 | S1605 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 317.25 | 1220 | 3.74 | 84.77 | 1187.36 | 0.00 | 47.59 | 132.35 | 364.84 | 1234.95 | | |
| S1605 | S1605 | S1604 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 317.25 | 1220 | 3.74 | 84.77 | 1187.36 | 0.00 | 47.59 | 132.35 | 364.84 | 1234.95 | | |
| S1604 | S1604 | S1603 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 317.25 | 1220 | 3.74 | 84.77 | 1187.36 | 0.00 | 47.59 | 132.35 | 364.84 | 1234.95 | | |
| S1603 | S1603 | S1602 | R | | | | 0.32 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 29.95 | 347.20 | 1335 | 3.72 | 93.44 | 1290.05 | 4.49 | 52.08 | 145.52 | 399.28 | 1342.13 | | |
| S1602 | S1602 | S1601 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 347.20 | 1335 | 3.72 | 93.44 | 1290.05 | 0.00 | 52.08 | 145.52 | 399.28 | 1342.13 | | |
| S1601 | S1601 | S16 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 347.20 | 1335 | 3.72 | 93.44 | 1290.05 | 0.00 | 52.08 | 145.52 | 399.28 | 1342.13 | | |
| S0906 | S0906 | S0905 | R | R | S | | 0.51 | 0.75 | 0.81 | | 93.6 | 93.6 | 50.0 | 0.0 | 158.44 | 158.44 | 609 | 3.93 | 40.33 | 622.45 | 23.77 | 23.77 | 64.10 | 182.21 | 646.22 | | |
| S0905 | S0905 | S0904 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 158.44 | 609 | 3.93 | 40.33 | 622.45 | 0.00 | 23.77 | 64.10 | 182.21 | 646.22 | | |
| S0904 | S0904 | S0903 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 158.44 | 609 | 3.93 | 40.33 | 622.45 | 0.00 | 23.77 | 64.10 | 182.21 | 646.22 | | |
| S0903 | S0903 | S0902 | R | | | | 0.46 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 43.06 | 201.50 | 775 | 3.87 | 52.09 | 779.53 | 6.46 | 30.23 | 82.31 | 231.73 | 809.76 | | |
| S0902 | S0902 | S0901 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 201.50 | 775 | 3.87 | 52.09 | 779.53 | 0.00 | 30.23 | 82.31 | 231.73 | 809.76 | | |
| S0901 | S0901 | S09 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 201.50 | 775 | 3.87 | 52.09 | 779.53 | 0.00 | 30.23 | 82.31 | 231.73 | 809.76 | | |
| S0210 | S0210 | S0209 | R | R | | | 0.4 | 0.35 | | | 93.6 | 93.6 | 0.0 | 0.0 | 70.20 | 70.20 | 270 | 4.10 | 17.13 | 287.65 | 10.53 | 10.53 | 27.66 | 80.73 | 298.18 | | |
| S0209 | S0209 | S0208 | E | | | | 1.06 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 53.00 | 123.20 | 474 | 3.99 | 30.91 | 491.08 | 7.95 | 18.48 | 49.39 | 141.68 | 509.56 | | |
| S0208 | S0208 | S0207 | R | R | R | | 0.36 | 1.99 | 0.47 | | 93.6 | 93.6 | 93.6 | 0.0 | 263.95 | 387.15 | 1489 | 3.68 | 105.15 | 1425.43 | 39.59 | 58.07 | 163.22 | 445.22 | 1483.51 | | |
| S0207 | S0207 | S0206 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 387.15 | 1489 | 3.68 | 105.15 | 1425.43 | 0.00 | 58.07 | 163.22 | 445.22 | 1483.51 | | |
| S0206 | S0206 | S0203 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 387.15 | 1489 | 3.68 | 105.15 | 1425.43 | 0.00 | 58.07 | 163.22 | 445.22 | 1483.51 | | |
| S0205 | S0205 | S0204 | B | R | | | 1 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 121.68 | 121.68 | 468 | 3.99 | 30.51 | 485.36 | 18.25 | 18.25 | 48.76 | 139.93 | 503.61 | | |
| S0204 | S0204 | S0203 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 121.68 | 468 | 3.99 | 30.51 | 485.36 | 0.00 | 18.25 | 48.76 | 139.93 | 503.61 | | |
| S0203 | S0203 | S0202 | B | R | | | 1.19 | 0.26 | | | 93.6 | 93.6 | 0.0 | 0.0 | 135.72 | 644.55 | 2479 | 3.51 | 183.56 | 2263.30 | 20.36 | 96.68 | 280.24 | 741.23 | 2359.98 | | |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|-----|---------|------|------|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| S0202 | S0202 | S0201 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 644.55 | 2479 | 3.51 | 183.56 | 2263.30 | 0.00 | 96.68 | 280.24 | 741.23 | 2359.98 |
| S0201 | S0201 | S02 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 644.55 | 2479 | 3.51 | 183.56 | 2263.30 | 0.00 | 96.68 | 280.24 | 741.23 | 2359.98 |
| S50 | S50 | S49 | R | | | | 1 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 93.60 | 93.60 | 360 | 4.04 | 23.15 | 378.47 | 14.04 | 14.04 | 37.19 | 107.64 | 392.51 |
| S49 | S49 | S48 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 93.60 | 360 | 4.04 | 23.15 | 378.47 | 0.00 | 14.04 | 37.19 | 107.64 | 392.51 |
| S48 | S48 | S47 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 93.60 | 360 | 4.04 | 23.15 | 378.47 | 0.00 | 14.04 | 37.19 | 107.64 | 392.51 |
| S47 | S47 | S46 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 93.60 | 360 | 4.04 | 23.15 | 378.47 | 0.00 | 14.04 | 37.19 | 107.64 | 392.51 |
| S46 | S46 | S45 | R | | | | 1.16 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 108.58 | 202.18 | 778 | 3.87 | 52.27 | 781.96 | 16.29 | 30.33 | 82.60 | 232.51 | 812.29 |
| S45 | S45 | S44 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 202.18 | 778 | 3.87 | 52.27 | 781.96 | 0.00 | 30.33 | 82.60 | 232.51 | 812.29 |
| S44 | S44 | S43 | R | | | | 0.52 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 48.67 | 250.85 | 965 | 3.81 | 65.84 | 955.72 | 7.30 | 37.63 | 103.47 | 288.48 | 993.35 |
| S43 | S43 | S42 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 250.85 | 965 | 3.81 | 65.84 | 955.72 | 0.00 | 37.63 | 103.47 | 288.48 | 993.35 |
| S42 | S42 | S41 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 250.85 | 965 | 3.81 | 65.84 | 955.72 | 0.00 | 37.63 | 103.47 | 288.48 | 993.35 |
| S41 | S41 | S40 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 250.85 | 965 | 3.81 | 65.84 | 955.72 | 0.00 | 37.63 | 103.47 | 288.48 | 993.35 |
| S40 | S40 | S39 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 250.85 | 965 | 3.81 | 65.84 | 955.72 | 0.00 | 37.63 | 103.47 | 288.48 | 993.35 |
| S39 | S39 | S38 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 250.85 | 965 | 3.81 | 65.84 | 955.72 | 0.00 | 37.63 | 103.47 | 288.48 | 993.35 |
| S38 | S38 | S37 | R | | | | 1.18 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 110.45 | 361.30 | 1390 | 3.70 | 97.56 | 1337.98 | 16.57 | 54.20 | 151.76 | 415.50 | 1392.17 |
| S37 | S37 | S36 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 361.30 | 1390 | 3.70 | 97.56 | 1337.98 | 0.00 | 54.20 | 151.76 | 415.50 | 1392.17 |
| S36 | S36 | S35 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 361.30 | 1390 | 3.70 | 97.56 | 1337.98 | 0.00 | 54.20 | 151.76 | 415.50 | 1392.17 |
| S35 | S35 | S34 | R | R | | | 1.39 | 0.91 | | | 93.6 | 93.6 | 0.0 | 0.0 | 215.28 | 576.58 | 2218 | 3.55 | 162.40 | 2047.10 | 32.29 | 86.49 | 248.88 | 663.07 | 2133.59 |
| S34 | S34 | S33 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 576.58 | 2218 | 3.55 | 162.40 | 2047.10 | 0.00 | 86.49 | 248.88 | 663.07 | 2133.59 |
| S33 | S33 | S32 | R | B | | | 0.4 | 1.06 | | | 93.6 | 93.6 | 0.0 | 0.0 | 136.66 | 713.24 | 2743 | 3.48 | 205.24 | 2478.62 | 20.50 | 106.99 | 312.23 | 820.23 | 2585.61 |
| S32 | S32 | S31 | R | B | | | 2.26 | 0.67 | | | 93.6 | 93.6 | 0.0 | 0.0 | 274.25 | 987.49 | 3798 | 3.35 | 294.47 | 3311.45 | 41.14 | 148.12 | 442.60 | 1135.61 | 3459.57 |
| S31 | S31 | S30 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 987.49 | 3798 | 3.35 | 294.47 | 3311.45 | 0.00 | 148.12 | 442.60 | 1135.61 | 3459.57 |
| S30 | S30 | S29 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 987.49 | 3798 | 3.35 | 294.47 | 3311.45 | 0.00 | 148.12 | 442.60 | 1135.61 | 3459.57 |
| S29 | S29 | S28 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 987.49 | 3798 | 3.35 | 294.47 | 3311.45 | 0.00 | 148.12 | 442.60 | 1135.61 | 3459.57 |
| S28 | S28 | S27 | R | | | | 1.18 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 110.45 | 1097.94 | 4223 | 3.31 | 331.49 | 3636.53 | 16.57 | 164.69 | 496.18 | 1262.63 | 3801.22 |
| S27 | S27 | S26 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1097.94 | 4223 | 3.31 | 331.49 | 3636.53 | 0.00 | 164.69 | 496.18 | 1262.63 | 3801.22 |
| S26 | S26 | S25 | R | R | | | 0.82 | 1.03 | | | 93.6 | 93.6 | 0.0 | 0.0 | 173.16 | 1271.10 | 4889 | 3.25 | 390.62 | 4136.19 | 25.97 | 190.67 | 581.29 | 1461.77 | 4326.86 |
| S25 | S25 | S24 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1271.10 | 4889 | 3.25 | 390.62 | 4136.19 | 0.00 | 190.67 | 581.29 | 1461.77 | 4326.86 |
| S24 | S24 | S23 | R | | | | 0.94 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 87.98 | 1359.08 | 5227 | 3.23 | 421.15 | 4385.86 | 13.20 | 203.86 | 625.01 | 1562.94 | 4589.72 |
| S23 | S23 | S22 | R | | | | 0.97 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 90.79 | 1449.87 | 5576 | 3.20 | 452.97 | 4640.73 | 13.62 | 217.48 | 670.45 | 1667.35 | 4858.21 |
| S22 | S22 | S21 | R | R | R | | 2.74 | 0.85 | 1.08 | | 93.6 | 93.6 | 93.6 | 0.0 | 437.11 | 1886.98 | 7258 | 3.09 | 610.40 | 5833.42 | 65.57 | 283.05 | 893.44 | 2170.03 | 6116.46 |
| S21 | S21 | S20 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1886.98 | 7258 | 3.09 | 610.40 | 5833.42 | 0.00 | 283.05 | 893.44 | 2170.03 | 6116.46 |
| S20 | S20 | S19 | R | | | | 1.46 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 136.66 | 2023.64 | 7783 | 3.06 | 660.91 | 6196.21 | 20.50 | 303.55 | 964.45 | 2327.19 | 6499.76 |
| S19 | S19 | S18 | R | R | R | | 0.49 | 0.26 | 1.86 | | 93.6 | 93.6 | 93.6 | 0.0 | 244.30 | 2267.94 | 8723 | 3.01 | 752.62 | 6834.17 | 36.65 | 340.19 | 1092.81 | 2608.13 | 7174.36 |
| S18 | S18 | S17 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2267.94 | 8723 | 3.01 | 752.62 | 6834.17 | 0.00 | 340.19 | 1092.81 | 2608.13 | 7174.36 |
| S17 | S17 | S16 | R | | | | 2.02 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 189.07 | 2457.01 | 9450 | 2.98 | 824.76 | 7319.57 | 28.36 | 368.55 | 1193.31 | 2825.56 | 7688.12 |
| S16 | S16 | S15 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2804.21 | 10785 | 2.92 | 959.69 | 8193.92 | 0.00 | 420.63 | 1380.32 | 3224.84 | 8614.55 |
| S15 | S15 | S14 | R | R | | | 0.97 | 0.52 | | | 93.6 | 93.6 | 0.0 | 0.0 | 139.46 | 2943.67 | 11322 | 2.90 | 1014.73 | 8539.38 | 20.92 | 441.55 | 1456.28 | 3385.22 | 8980.93 |
| S14 | S14 | S13 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2943.67 | 11322 | 2.90 | 1014.73 | 8539.38 | 0.00 | 441.55 | 1456.28 | 3385.22 | 8980.93 |
| S13 | S13 | S12 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2943.67 | 11322 | 2.90 | 1014.73 | 8539.38 | 0.00 | 441.55 | 1456.28 | 3385.22 | 8980.93 |
| S12 | S12 | S11 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2943.67 | 11322 | 2.90 | 1014.73 | 8539.38 | 0.00 | 441.55 | 1456.28 | 3385.22 | 8980.93 |
| S11 | S11 | S10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2943.67 | 11322 | 2.90 | 1014.73 | 8539.38 | 0.00 | 441.55 | 1456.28 | 3385.22 | 8980.93 |
| S10 | S10 | S09 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2943.67 | 11322 | 2.90 | 1014.73 | 8539.38 | 0.00 | 441.55 | 1456.28 | 3385.22 | 8980.93 |
| S09 | S09 | S08 | R | R | R | | 1.25 | 0.38 | 0.68 | | 93.6 | 93.6 | 93.6 | 0.0 | 216.22 | 3361.39 | 12928 | 2.84 | 1182.26 | 9557.05 | 32.43 | 504.21 | 1686.47 | 3865.60 | 10061.26 |
| S08 | S08 | S07 | S | | | | 1.38 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 69.00 | 3430.39 | 13194 | 2.83 | 1210.31 | 9722.74 | 10.35 | 514.56 | 1724.87 | 3944.95 | 10237.30 |
| S07 | S07 | S06 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3430.39 | 13194 | 2.83 | 1210.31 | 9722.74 | 0.00 | 514.56 | 1724.87 | 3944.95 | 10237.30 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|-----|---------|------|------|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| S06 | S06 | S05 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3430.39 | 13194 | 2.83 | 1210.31 | 9722.74 | 0.00 | 514.56 | 1724.87 | 3944.95 | 10237.30 |
| S05 | S05 | S04 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3430.39 | 13194 | 2.83 | 1210.31 | 9722.74 | 0.00 | 514.56 | 1724.87 | 3944.95 | 10237.30 |
| S04 | S04 | S03 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3430.39 | 13194 | 2.83 | 1210.31 | 9722.74 | 0.00 | 514.56 | 1724.87 | 3944.95 | 10237.30 |
| S03 | S03 | S02 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3430.39 | 13194 | 2.83 | 1210.31 | 9722.74 | 0.00 | 514.56 | 1724.87 | 3944.95 | 10237.30 |
| S02 | S02 | S01 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4074.94 | 15673 | 2.76 | 1476.94 | 11242.90 | 0.00 | 611.24 | 2088.19 | 4686.18 | 11854.14 |
| S01 | S01 | O50 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4074.94 | 15673 | 2.76 | 1476.94 | 11242.90 | 0.00 | 611.24 | 2088.19 | 4686.18 | 11854.14 |
| O4809 | O4809 | O4808 | B | B | | | 1.07 | 1.16 | | | 93.6 | 93.6 | 0.0 | 0.0 | 208.73 | 208.73 | 803 | 3.86 | 54.08 | 805.58 | 31.31 | 31.31 | 85.39 | 240.04 | 836.89 |
| O4808 | O4808 | O4807 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 208.73 | 803 | 3.86 | 54.08 | 805.58 | 0.00 | 31.31 | 85.39 | 240.04 | 836.89 |
| O4807 | O4807 | O4806 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 208.73 | 803 | 3.86 | 54.08 | 805.58 | 0.00 | 31.31 | 85.39 | 240.04 | 836.89 |
| O4806 | O4806 | O4805 | B | B | | | 1.32 | 1.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 231.19 | 439.92 | 1692 | 3.64 | 120.82 | 1601.80 | 34.68 | 65.99 | 186.81 | 505.91 | 1667.79 |
| O4805 | O4805 | O48 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 439.92 | 1692 | 3.64 | 120.82 | 1601.80 | 0.00 | 65.99 | 186.81 | 505.91 | 1667.79 |
| O4804 | O4804 | O4803 | B | R | | | 0.66 | 1.83 | | | 93.6 | 93.6 | 0.0 | 0.0 | 233.06 | 233.06 | 896 | 3.83 | 60.85 | 892.68 | 34.96 | 34.96 | 95.81 | 268.02 | 927.64 |
| O4803 | O4803 | O4802 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 233.06 | 896 | 3.83 | 60.85 | 892.68 | 0.00 | 34.96 | 95.81 | 268.02 | 927.64 |
| O4802 | O4802 | O4801 | B | R | | | 0.28 | 0.96 | | | 93.6 | 93.6 | 0.0 | 0.0 | 116.06 | 349.12 | 1343 | 3.71 | 94.01 | 1296.55 | 17.41 | 52.37 | 146.37 | 401.49 | 1348.92 |
| O4801 | O4801 | O48 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 349.12 | 1343 | 3.71 | 94.01 | 1296.55 | 0.00 | 52.37 | 146.37 | 401.49 | 1348.92 |
| O4406 | O4406 | O4405 | B | B | | | 1.04 | 1.10 | | | 93.6 | 93.6 | 0.0 | 0.0 | 200.30 | 200.30 | 770 | 3.87 | 51.75 | 775.23 | 30.05 | 30.05 | 81.80 | 230.35 | 805.27 |
| O4405 | O4405 | O4404 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 200.30 | 770 | 3.87 | 51.75 | 775.23 | 0.00 | 30.05 | 81.80 | 230.35 | 805.27 |
| O4404 | O4404 | O4403 | B | B | | | 0.98 | 1.12 | | | 93.6 | 93.6 | 0.0 | 0.0 | 196.56 | 396.86 | 1526 | 3.67 | 108.01 | 1458.12 | 29.48 | 59.53 | 167.54 | 456.39 | 1517.65 |
| O4403 | O4403 | O44 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 396.86 | 1526 | 3.67 | 108.01 | 1458.12 | 0.00 | 59.53 | 167.54 | 456.39 | 1517.65 |
| O4402 | O4402 | O4401 | B | R | | | 0.3 | 0.64 | | | 93.6 | 93.6 | 0.0 | 0.0 | 87.98 | 87.98 | 338 | 4.06 | 21.69 | 356.83 | 13.20 | 13.20 | 34.89 | 101.18 | 370.03 |
| O4401 | O4401 | O44 | E | | | | 0.17 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 8.50 | 96.48 | 371 | 4.04 | 23.90 | 389.54 | 1.28 | 14.47 | 38.37 | 110.95 | 404.01 |
| O4007 | O4007 | O4006 | B | | | | 0.78 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 73.01 | 73.01 | 281 | 4.09 | 17.85 | 298.64 | 10.95 | 10.95 | 28.80 | 83.96 | 309.59 |
| O4006 | O4006 | O4005 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 73.01 | 281 | 4.09 | 17.85 | 298.64 | 0.00 | 10.95 | 28.80 | 83.96 | 309.59 |
| O4005 | O4005 | O4004 | E | | | | 0.19 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 9.50 | 82.51 | 317 | 4.07 | 20.28 | 335.66 | 1.43 | 12.38 | 32.66 | 94.89 | 348.04 |
| O4004 | O4004 | O40 | B | | | | 0.46 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 43.06 | 125.57 | 483 | 3.98 | 31.54 | 500.01 | 6.46 | 18.84 | 50.37 | 144.41 | 518.84 |
| O4003 | O4003 | O4002 | B | | | | 0.24 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 22.46 | 22.46 | 86 | 4.26 | 5.27 | 95.70 | 3.37 | 3.37 | 8.64 | 25.83 | 99.07 |
| O4002 | O4002 | O4001 | B | E | | | 0.22 | 0.10 | | | 93.6 | 50.0 | 0.0 | 0.0 | 25.59 | 48.05 | 185 | 4.16 | 11.55 | 199.90 | 3.84 | 7.21 | 18.76 | 55.26 | 207.10 |
| O4001 | O4001 | O40 | B | | | | 0.25 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 23.40 | 71.45 | 275 | 4.09 | 17.45 | 292.54 | 3.51 | 10.72 | 28.17 | 82.17 | 303.26 |
| O3528 | O3528 | O3527 | R | R | R | | 0.87 | 0.35 | 0.78 | | 93.6 | 93.6 | 93.6 | 0.0 | 187.20 | 187.20 | 720 | 3.89 | 48.15 | 727.74 | 28.08 | 28.08 | 76.23 | 215.28 | 755.82 |
| O3527 | O3527 | O3526 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 187.20 | 720 | 3.89 | 48.15 | 727.74 | 0.00 | 28.08 | 76.23 | 215.28 | 755.82 |
| O3526 | O3526 | O3525 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 187.20 | 720 | 3.89 | 48.15 | 727.74 | 0.00 | 28.08 | 76.23 | 215.28 | 755.82 |
| O3525 | O3525 | O3524 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 187.20 | 720 | 3.89 | 48.15 | 727.74 | 0.00 | 28.08 | 76.23 | 215.28 | 755.82 |
| O3524 | O3524 | O3506 | R | | | | 0.96 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 89.86 | 277.06 | 1066 | 3.78 | 73.26 | 1047.82 | 13.48 | 41.56 | 114.82 | 318.62 | 1089.38 |
| O3523 | O3523 | O3522 | R | | | | 2.98 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 278.93 | 278.93 | 1073 | 3.78 | 73.79 | 1054.37 | 41.84 | 41.84 | 115.63 | 320.77 | 1096.21 |
| O3522 | O3522 | O3521 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 278.93 | 1073 | 3.78 | 73.79 | 1054.37 | 0.00 | 41.84 | 115.63 | 320.77 | 1096.21 |
| O3521 | O3521 | O3520 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 278.93 | 1073 | 3.78 | 73.79 | 1054.37 | 0.00 | 41.84 | 115.63 | 320.77 | 1096.21 |
| O3520 | O3520 | O3519 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 278.93 | 1073 | 3.78 | 73.79 | 1054.37 | 0.00 | 41.84 | 115.63 | 320.77 | 1096.21 |
| O3519 | O3519 | O3506 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 278.93 | 1073 | 3.78 | 73.79 | 1054.37 | 0.00 | 41.84 | 115.63 | 320.77 | 1096.21 |
| O3518 | O3518 | O3517 | R | R | | | 0.43 | 1.09 | | | 93.6 | 93.6 | 0.0 | 0.0 | 142.27 | 142.27 | 547 | 3.95 | 35.98 | 562.51 | 21.34 | 21.34 | 57.32 | 163.61 | 583.85 |
| O3517 | O3517 | O3516 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 142.27 | 547 | 3.95 | 35.98 | 562.51 | 0.00 | 21.34 | 57.32 | 163.61 | 583.85 |
| O3516 | O3516 | O3515 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 142.27 | 547 | 3.95 | 35.98 | 562.51 | 0.00 | 21.34 | 57.32 | 163.61 | 583.85 |
| O3515 | O3515 | O3503 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 142.27 | 547 | 3.95 | 35.98 | 562.51 | 0.00 | 21.34 | 57.32 | 163.61 | 583.85 |
| O3514 | O3514 | O3513 | R | R | | | 0.74 | 2.72 | | | 93.6 | 93.6 | 0.0 | 0.0 | 323.86 | 323.86 | 1246 | 3.74 | 86.68 | 1210.06 | 48.58 | 48.58 | 135.26 | 372.44 | 1258.64 |
| O3513 | O3513 | O3512 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 323.86 | 1246 | 3.74 | 86.68 | 1210.06 | 0.00 | 48.58 | 135.26 | 372.44 | 1258.64 |
| O3512 | O3512 | O3511 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 323.86 | 1246 | 3.74 | 86.68 | 1210.06 | 0.00 | 48.58 | 135.26 | 372.44 | 1258.64 |
| O3511 | O3511 | O3510 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 323.86 | 1246 | 3.74 | 86.68 | 1210.06 | 0.00 | 48.58 | 135.26 | 372.44 | 1258.64 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|-----|-----|---------|------|-----|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| O3510 | O3510 | O3509 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 323.86 | 1246 | 3.74 | 86.68 | 1210.06 | 0.00 | 48.58 | 135.26 | 372.44 | 1258.64 |
| O3509 | O3509 | O3508 | R | R | | | 0.39 | 1.43 | | | 93.6 | 93.6 | 0.0 | 0.0 | 170.35 | 494.21 | 1901 | 3.60 | 137.17 | 1780.55 | 25.55 | 74.13 | 211.30 | 568.34 | 1854.68 |
| O3508 | O3508 | O3507 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 494.21 | 1901 | 3.60 | 137.17 | 1780.55 | 0.00 | 74.13 | 211.30 | 568.34 | 1854.68 |
| O3507 | O3507 | O3506 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 494.21 | 1901 | 3.60 | 137.17 | 1780.55 | 0.00 | 74.13 | 211.30 | 568.34 | 1854.68 |
| O3506 | O3506 | O3505 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1050.20 | 4039 | 3.33 | 315.42 | 3496.70 | 0.00 | 157.53 | 472.95 | 1207.73 | 3654.23 |
| O3505 | O3505 | O3504 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1050.20 | 4039 | 3.33 | 315.42 | 3496.70 | 0.00 | 157.53 | 472.95 | 1207.73 | 3654.23 |
| O3504 | O3504 | O3503 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1050.20 | 4039 | 3.33 | 315.42 | 3496.70 | 0.00 | 157.53 | 472.95 | 1207.73 | 3654.23 |
| O3503 | O3503 | O3502 | R | R | | | 0.85 | 2.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 280.80 | 1473.27 | 5666 | 3.19 | 461.23 | 4705.98 | 42.12 | 220.99 | 682.22 | 1694.26 | 4926.97 |
| O3502 | O3502 | O3501 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1473.27 | 5666 | 3.19 | 461.23 | 4705.98 | 0.00 | 220.99 | 682.22 | 1694.26 | 4926.97 |
| O3501 | O3501 | O35 | R | | | | 0.92 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 86.11 | 1559.38 | 5998 | 3.17 | 491.79 | 4944.56 | 12.92 | 233.91 | 725.69 | 1793.29 | 5178.47 |
| O3332 | O3332 | O3331 | R | R | | | 0.52 | 0.55 | | | 93.6 | 93.6 | 0.0 | 0.0 | 100.15 | 100.15 | 385 | 4.03 | 24.85 | 403.60 | 15.02 | 15.02 | 39.87 | 115.17 | 418.63 |
| O3331 | O3331 | O3330 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 100.15 | 385 | 4.03 | 24.85 | 403.60 | 0.00 | 15.02 | 39.87 | 115.17 | 418.63 |
| O3330 | O3330 | O3329 | R | | | | 0.6 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 56.16 | 156.31 | 601 | 3.93 | 39.76 | 614.58 | 8.42 | 23.45 | 63.20 | 179.76 | 638.02 |
| O3329 | O3329 | O3328 | R | | | | 0.56 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 52.42 | 208.73 | 803 | 3.86 | 54.08 | 805.58 | 7.86 | 31.31 | 85.39 | 240.04 | 836.89 |
| O3328 | O3328 | O3327 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 208.73 | 803 | 3.86 | 54.08 | 805.58 | 0.00 | 31.31 | 85.39 | 240.04 | 836.89 |
| O3327 | O3327 | O3326 | P | | | | 0.53 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 5.30 | 214.03 | 823 | 3.85 | 55.55 | 824.65 | 0.80 | 32.10 | 87.65 | 246.13 | 856.75 |
| O3326 | O3326 | O3325 | R | | | | 0.53 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 49.61 | 263.64 | 1014 | 3.80 | 69.45 | 1000.80 | 7.44 | 39.55 | 109.00 | 303.19 | 1040.35 |
| O3325 | O3325 | O3324 | R | | | | 0.51 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 47.74 | 311.38 | 1198 | 3.75 | 83.08 | 1167.07 | 7.16 | 46.71 | 129.78 | 358.09 | 1213.77 |
| O3324 | O3324 | O3323 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 311.38 | 1198 | 3.75 | 83.08 | 1167.07 | 0.00 | 46.71 | 129.78 | 358.09 | 1213.77 |
| O3323 | O3323 | O3322 | R | | | | 0.53 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 49.61 | 360.99 | 1388 | 3.70 | 97.47 | 1336.99 | 7.44 | 54.15 | 151.62 | 415.14 | 1391.14 |
| O3322 | O3322 | O3321 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 360.99 | 1388 | 3.70 | 97.47 | 1336.99 | 0.00 | 54.15 | 151.62 | 415.14 | 1391.14 |
| O3321 | O3321 | O3320 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 360.99 | 1388 | 3.70 | 97.47 | 1336.99 | 0.00 | 54.15 | 151.62 | 415.14 | 1391.14 |
| O3320 | O3320 | O3319 | R | | | | 0.51 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 47.74 | 408.73 | 1572 | 3.66 | 111.53 | 1497.89 | 7.16 | 61.31 | 172.84 | 470.04 | 1559.20 |
| O3319 | O3319 | O3318 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 408.73 | 1572 | 3.66 | 111.53 | 1497.89 | 0.00 | 61.31 | 172.84 | 470.04 | 1559.20 |
| O3318 | O3318 | O33 | R | | | | 0.67 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 62.71 | 471.44 | 1813 | 3.62 | 130.28 | 1705.93 | 9.41 | 70.72 | 201.00 | 542.16 | 1776.64 |
| O3317 | O3317 | O3316 | R | R | | | 0.73 | 0.42 | | | 93.6 | 93.6 | 0.0 | 0.0 | 107.64 | 107.64 | 414 | 4.02 | 26.81 | 432.18 | 16.15 | 16.15 | 42.96 | 123.79 | 448.32 |
| O3316 | O3316 | O3302 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 107.64 | 414 | 4.02 | 26.81 | 432.18 | 0.00 | 16.15 | 42.96 | 123.79 | 448.32 |
| O3315 | O3315 | O3314 | R | P | | | 1.12 | 1.52 | | | 93.6 | 10.0 | 0.0 | 0.0 | 120.03 | 120.03 | 462 | 3.99 | 30.07 | 479.12 | 18.00 | 18.00 | 48.07 | 138.03 | 497.12 |
| O3314 | O3314 | O3313 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 120.03 | 462 | 3.99 | 30.07 | 479.12 | 0.00 | 18.00 | 48.07 | 138.03 | 497.12 |
| O3313 | O3313 | O3305 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 120.03 | 462 | 3.99 | 30.07 | 479.12 | 0.00 | 18.00 | 48.07 | 138.03 | 497.12 |
| O3312 | O3312 | O3311 | R | R | | | 1.45 | 0.62 | | | 93.6 | 93.6 | 0.0 | 0.0 | 193.75 | 193.75 | 745 | 3.88 | 49.95 | 751.52 | 29.06 | 29.06 | 79.01 | 222.81 | 780.58 |
| O3311 | O3311 | O3310 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 193.75 | 745 | 3.88 | 49.95 | 751.52 | 0.00 | 29.06 | 79.01 | 222.81 | 780.58 |
| O3310 | O3310 | O3309 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 193.75 | 745 | 3.88 | 49.95 | 751.52 | 0.00 | 29.06 | 79.01 | 222.81 | 780.58 |
| O3309 | O3309 | O3308 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 193.75 | 745 | 3.88 | 49.95 | 751.52 | 0.00 | 29.06 | 79.01 | 222.81 | 780.58 |
| O3308 | O3308 | O3307 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 193.75 | 745 | 3.88 | 49.95 | 751.52 | 0.00 | 29.06 | 79.01 | 222.81 | 780.58 |
| O3307 | O3307 | O3306 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 193.75 | 745 | 3.88 | 49.95 | 751.52 | 0.00 | 29.06 | 79.01 | 222.81 | 780.58 |
| O3306 | O3306 | O3305 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 193.75 | 745 | 3.88 | 49.95 | 751.52 | 0.00 | 29.06 | 79.01 | 222.81 | 780.58 |
| O3305 | O3305 | O3304 | R | | | | 0.35 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 32.76 | 346.54 | 1333 | 3.72 | 93.26 | 1287.76 | 4.91 | 51.98 | 145.24 | 398.52 | 1339.74 |
| O3304 | O3304 | O3303 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 346.54 | 1333 | 3.72 | 93.26 | 1287.76 | 0.00 | 51.98 | 145.24 | 398.52 | 1339.74 |
| O3303 | O3303 | O3302 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 346.54 | 1333 | 3.72 | 93.26 | 1287.76 | 0.00 | 51.98 | 145.24 | 398.52 | 1339.74 |
| O3302 | O3302 | O3301 | R | R | | | 0.62 | 0.56 | | | 93.6 | 93.6 | 0.0 | 0.0 | 110.45 | 564.63 | 2172 | 3.56 | 158.71 | 2008.76 | 16.57 | 84.69 | 243.40 | 649.32 | 2093.45 |
| O3301 | O3301 | O33 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 564.63 | 2172 | 3.56 | 158.71 | 2008.76 | 0.00 | 84.69 | 243.40 | 649.32 | 2093.45 |
| O3013 | O3013 | O3010 | R | R | | | 0.44 | 0.33 | | | 93.6 | 93.6 | 0.0 | 0.0 | 72.07 | 72.07 | 277 | 4.09 | 17.61 | 294.98 | 10.81 | 10.81 | 28.42 | 82.88 | 305.80 |
| O3012 | O3012 | O3011 | R | R | | | 1.47 | 0.46 | | | 93.6 | 93.6 | 0.0 | 0.0 | 180.65 | 180.65 | 695 | 3.90 | 46.36 | 703.88 | 27.10 | 27.10 | 73.46 | 207.75 | 730.97 |
| O3011 | O3011 | O3010 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 180.65 | 695 | 3.90 | 46.36 | 703.88 | 0.00 | 27.10 | 73.46 | 207.75 | 730.97 |
| O3010 | O3010 | O3009 | R | | | | 0.45 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 42.12 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 6.32 | 44.23 | 122.55 | 339.07 | 1154.04 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人孔編號 | | 土地類別(A) | | | | 土地面積(ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|-------|-------|---------|-----|-----|-----|----------|------|-----|-----|---------|------|-----|-----|--------|----------|-------|------|---------|----------|--------|---------|---------|----------|----------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線收集量 | 累計(平均) | 當量人口數 | 尖峰係數 | 累計(最小) | 累計(尖峰) | 本管線收集量 | 累計 | 累計(最小) | 累計(平均) | 累計(尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| O3009 | O3009 | O3008 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 |
| O3008 | O3008 | O3007 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 |
| O3007 | O3007 | O3006 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 |
| O3006 | O3006 | O3005 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 |
| O3005 | O3005 | O3004 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 |
| O3004 | O3004 | O3003 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 |
| O3003 | O3003 | O3002 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 |
| O3002 | O3002 | O3001 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 |
| O3001 | O3001 | O30 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 |
| O50 | O50 | O49 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 9380.62 | 36079 | 2.40 | 3910.09 | 22504.85 | 0.00 | 1407.09 | 5317.18 | 10787.71 | 23911.95 |
| O49 | O49 | O48 | B | | | | 1.44 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 134.78 | 9515.40 | 36598 | 2.39 | 3976.20 | 22771.17 | 20.22 | 1427.31 | 5403.51 | 10942.71 | 24198.48 |
| O48 | O48 | O47 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 10304.44 | 39632 | 2.36 | 4366.60 | 24316.74 | 0.00 | 1545.67 | 5912.27 | 11850.11 | 25862.41 |
| O47 | O47 | O46 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 10304.44 | 39632 | 2.36 | 4366.60 | 24316.74 | 0.00 | 1545.67 | 5912.27 | 11850.11 | 25862.41 |
| O46 | O46 | O45 | B | | | | 0.96 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 89.86 | 10394.30 | 39978 | 2.36 | 4411.43 | 24491.25 | 13.48 | 1559.15 | 5970.58 | 11953.45 | 26050.39 |
| O45 | O45 | O44 | B | | | | 0.85 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 79.56 | 10473.86 | 40284 | 2.35 | 4451.18 | 24645.55 | 11.93 | 1571.08 | 6022.26 | 12044.94 | 26216.63 |
| O44 | O44 | O43 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 10967.20 | 42182 | 2.33 | 4698.89 | 25597.42 | 0.00 | 1645.08 | 6343.97 | 12612.28 | 27242.50 |
| O43 | O43 | O42 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 10967.20 | 42182 | 2.33 | 4698.89 | 25597.42 | 0.00 | 1645.08 | 6343.97 | 12612.28 | 27242.50 |
| O42 | O42 | O41 | B | | | | 0.94 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 87.98 | 11055.18 | 42520 | 2.33 | 4743.28 | 25766.37 | 13.20 | 1658.28 | 6401.55 | 12713.46 | 27424.64 |
| O41 | O41 | O40 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 11055.18 | 42520 | 2.33 | 4743.28 | 25766.37 | 0.00 | 1658.28 | 6401.55 | 12713.46 | 27424.64 |
| O40 | O40 | O39 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 11252.20 | 43278 | 2.32 | 4842.93 | 26143.66 | 0.00 | 1687.83 | 6530.76 | 12940.03 | 27831.49 |
| O39 | O39 | O38 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 11252.20 | 43278 | 2.32 | 4842.93 | 26143.66 | 0.00 | 1687.83 | 6530.76 | 12940.03 | 27831.49 |
| O38 | O38 | O37 | R | | | | 1.66 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 155.38 | 11407.58 | 43875 | 2.32 | 4921.74 | 26440.41 | 23.31 | 1711.14 | 6632.88 | 13118.72 | 28151.55 |
| O37 | O37 | O36 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 11407.58 | 43875 | 2.32 | 4921.74 | 26440.41 | 0.00 | 1711.14 | 6632.88 | 13118.72 | 28151.55 |
| O36 | O36 | O35 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 11407.58 | 43875 | 2.32 | 4921.74 | 26440.41 | 0.00 | 1711.14 | 6632.88 | 13118.72 | 28151.55 |
| O35 | O35 | O34 | R | | | | 1.11 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 103.90 | 13070.86 | 50273 | 2.26 | 5777.54 | 29570.98 | 15.59 | 1960.63 | 7738.16 | 15031.49 | 31531.61 |
| O34 | O34 | O33 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 13070.86 | 50273 | 2.26 | 5777.54 | 29570.98 | 0.00 | 1960.63 | 7738.16 | 15031.49 | 31531.61 |
| O33 | O33 | O32 | P | | | | 0.46 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 4.60 | 14111.53 | 54275 | 2.23 | 6323.45 | 31491.55 | 0.69 | 2116.73 | 8440.18 | 16228.26 | 33608.28 |
| O32 | O32 | O31 | S | | | | 1.12 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 56.00 | 14167.53 | 54491 | 2.23 | 6353.06 | 31594.07 | 8.40 | 2125.13 | 8478.19 | 16292.66 | 33719.20 |
| O31 | O31 | O30 | R | S | | | 1.45 | 1.12 | | | 93.6 | 50.0 | 0.0 | 0.0 | 191.72 | 14359.25 | 55228 | 2.22 | 6454.52 | 31944.74 | 28.76 | 2153.89 | 8608.41 | 16513.14 | 34098.63 |
| O30 | O30 | O29 | R | | | | 0.46 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 43.06 | 14697.15 | 56528 | 2.22 | 6633.98 | 32560.58 | 6.46 | 2204.57 | 8838.55 | 16901.72 | 34765.15 |
| O29 | O29 | O28 | R | | | | 2.76 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 258.34 | 14955.49 | 57521 | 2.21 | 6771.67 | 33029.74 | 38.75 | 2243.32 | 9015.00 | 17198.81 | 35273.07 |
| O28 | O28 | O27 | P | | | | 0.92 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 9.20 | 14964.69 | 57557 | 2.21 | 6776.60 | 33046.36 | 1.38 | 2244.70 | 9021.30 | 17209.39 | 35291.06 |
| O27 | O27 | O26 | S | | | | 4.08 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 204.00 | 15168.69 | 58341 | 2.20 | 6885.65 | 33415.75 | 30.60 | 2275.30 | 9160.95 | 17443.99 | 35691.06 |
| O26 | O26 | O25 | R | | | | 0.52 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 48.67 | 15217.36 | 58528 | 2.20 | 6911.70 | 33503.75 | 7.30 | 2282.60 | 9194.31 | 17499.96 | 35786.36 |
| O25 | O25 | O24 | P | | | | 0.75 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 7.50 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 1.13 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O24 | O24 | O23 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O23 | O23 | O22 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O22 | O22 | O21 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O21 | O21 | O20 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O20 | O20 | O19 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O19 | O19 | O18 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O18 | O18 | O17 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O17 | O17 | O16 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O16 | O16 | O15 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O15 | O15 | O14 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O14 | O14 | O13 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|-----|---------|------|------|-----|------------|------------|-----------|----------|------------|------------|------------|---------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| O13 | O13 | O12 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O12 | O12 | O11 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O11 | O11 | O10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O10 | O10 | O09 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O09 | O09 | O08 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 15224.86 | 58557 | 2.20 | 6915.73 | 33517.29 | 0.00 | 2283.73 | 9199.45 | 17508.59 | 35801.02 |
| O08 | O08 | O07 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 42638.64 | 163995 | 1.83 | 23261.25 | 78158.04 | 0.00 | 6361.25 | 29622.50 | 48999.89 | 84519.29 |
| O07 | O07 | O06 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 42638.64 | 163995 | 1.83 | 23261.25 | 78158.04 | 0.00 | 6361.25 | 29622.50 | 48999.89 | 84519.29 |
| O06 | O06 | O05 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 42638.64 | 163995 | 1.83 | 23261.25 | 78158.04 | 0.00 | 6361.25 | 29622.50 | 48999.89 | 84519.29 |
| O05 | O05 | O04 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 42638.64 | 163995 | 1.83 | 23261.25 | 78158.04 | 0.00 | 6361.25 | 29622.50 | 48999.89 | 84519.29 |
| O04 | O04 | O03 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 42638.64 | 163995 | 1.83 | 23261.25 | 78158.04 | 0.00 | 6361.25 | 29622.50 | 48999.89 | 84519.29 |
| O03 | O03 | O02 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 42638.64 | 163995 | 1.83 | 23261.25 | 78158.04 | 0.00 | 6361.25 | 29622.50 | 48999.89 | 84519.29 |
| O02 | O02 | O01 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 42638.64 | 163995 | 1.83 | 23261.25 | 78158.04 | 0.00 | 6361.25 | 29622.50 | 48999.89 | 84519.29 |
| O01 | O01 | A07 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 42638.64 | 163995 | 1.83 | 23261.25 | 78158.04 | 0.00 | 6361.25 | 29622.50 | 48999.89 | 84519.29 |
| P6113 | P6113 | P6112 | R | E | | | 2.99 | 0.38 | | | 93.6 | 50.0 | 0.0 | 0.0 | 298.86 | 298.86 | 1149 | 3.76 | 79.48 | 1123.80 | 44.83 | 124.31 | 343.69 | 1168.63 | |
| P6112 | P6112 | P6111 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 298.86 | 1149 | 3.76 | 79.48 | 1123.80 | 0.00 | 44.83 | 124.31 | 343.69 | 1168.63 |
| P6111 | P6111 | P6110 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 298.86 | 1149 | 3.76 | 79.48 | 1123.80 | 0.00 | 44.83 | 124.31 | 343.69 | 1168.63 |
| P6110 | P6110 | P6109 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 298.86 | 1149 | 3.76 | 79.48 | 1123.80 | 0.00 | 44.83 | 124.31 | 343.69 | 1168.63 |
| P6109 | P6109 | P6108 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 298.86 | 1149 | 3.76 | 79.48 | 1123.80 | 0.00 | 44.83 | 124.31 | 343.69 | 1168.63 |
| P6108 | P6108 | P6107 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 298.86 | 1149 | 3.76 | 79.48 | 1123.80 | 0.00 | 44.83 | 124.31 | 343.69 | 1168.63 |
| P6107 | P6107 | P6106 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 298.86 | 1149 | 3.76 | 79.48 | 1123.80 | 0.00 | 44.83 | 124.31 | 343.69 | 1168.63 |
| P6106 | P6106 | P6105 | R | | | | 1.84 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 172.22 | 471.08 | 1812 | 3.62 | 130.18 | 1704.71 | 25.83 | 70.66 | 200.84 | 541.74 | 1775.37 |
| P6105 | P6105 | P6104 | E | | | | 0.28 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 14.00 | 485.08 | 1866 | 3.61 | 134.41 | 1750.66 | 2.10 | 72.76 | 207.17 | 557.84 | 1823.42 |
| P6104 | P6104 | P6103 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 485.08 | 1866 | 3.61 | 134.41 | 1750.66 | 0.00 | 72.76 | 207.17 | 557.84 | 1823.42 |
| P6103 | P6103 | P6102 | R | | | | 0.81 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 75.82 | 560.90 | 2157 | 3.56 | 157.55 | 1996.82 | 11.37 | 84.14 | 241.69 | 645.04 | 2080.96 |
| P6102 | P6102 | P6101 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 560.90 | 2157 | 3.56 | 157.55 | 1996.82 | 0.00 | 84.14 | 241.69 | 645.04 | 2080.96 |
| P6101 | P6101 | P61 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 560.90 | 2157 | 3.56 | 157.55 | 1996.82 | 0.00 | 84.14 | 241.69 | 645.04 | 2080.96 |
| P5720 | P5720 | P5719 | R | R | | | 0.55 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 79.56 | 79.56 | 306 | 4.07 | 19.52 | 324.19 | 11.93 | 11.93 | 31.46 | 91.49 | 336.12 |
| P5719 | P5719 | P5718 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 79.56 | 306 | 4.07 | 19.52 | 324.19 | 0.00 | 11.93 | 31.46 | 91.49 | 336.12 |
| P5718 | P5718 | P5717 | R | R | | | 0.52 | 0.72 | | | 93.6 | 93.6 | 0.0 | 0.0 | 116.06 | 195.62 | 752 | 3.88 | 50.46 | 758.30 | 17.41 | 29.34 | 79.81 | 224.96 | 787.65 |
| P5717 | P5717 | P5716 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 195.62 | 752 | 3.88 | 50.46 | 758.30 | 0.00 | 29.34 | 79.81 | 224.96 | 787.65 |
| P5716 | P5716 | P5715 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 195.62 | 752 | 3.88 | 50.46 | 758.30 | 0.00 | 29.34 | 79.81 | 224.96 | 787.65 |
| P5715 | P5715 | P5714 | R | R | | | 0.24 | 0.61 | | | 93.6 | 93.6 | 0.0 | 0.0 | 79.56 | 275.18 | 1058 | 3.78 | 72.72 | 1041.30 | 11.93 | 41.28 | 114.00 | 316.46 | 1082.58 |
| P5714 | P5714 | P5713 | R | | | | 0.23 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 21.53 | 296.71 | 1141 | 3.76 | 78.86 | 1116.32 | 3.23 | 44.51 | 123.37 | 341.22 | 1160.83 |
| P5713 | P5713 | P5712 | R | R | | | 0.18 | 0.73 | | | 93.6 | 93.6 | 0.0 | 0.0 | 85.18 | 381.89 | 1469 | 3.69 | 103.60 | 1407.68 | 12.78 | 57.28 | 160.89 | 439.17 | 1464.97 |
| P5712 | P5712 | P5711 | R | | | | 0.39 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 36.50 | 418.39 | 1609 | 3.66 | 114.40 | 1530.19 | 5.48 | 62.76 | 177.16 | 481.15 | 1592.95 |
| P5711 | P5711 | P5710 | P | | | | 0.33 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 3.30 | 421.69 | 1622 | 3.65 | 115.38 | 1541.17 | 0.50 | 63.25 | 178.64 | 484.94 | 1604.42 |
| P5710 | P5710 | P5709 | R | R | R | | 0.67 | 0.64 | 0.47 | | 93.6 | 93.6 | 93.6 | 0.0 | 166.61 | 588.30 | 2263 | 3.54 | 166.02 | 2084.61 | 24.99 | 88.25 | 254.27 | 676.55 | 2172.86 |
| P5709 | P5709 | P5708 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 588.30 | 2263 | 3.54 | 166.02 | 2084.61 | 0.00 | 88.25 | 254.27 | 676.55 | 2172.86 |
| P5708 | P5708 | P5707 | R | | | | 1.11 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 103.90 | 692.20 | 2662 | 3.49 | 198.57 | 2413.00 | 15.59 | 103.83 | 302.40 | 796.03 | 2516.83 |
| P5707 | P5707 | P5706 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 692.20 | 2662 | 3.49 | 198.57 | 2413.00 | 0.00 | 103.83 | 302.40 | 796.03 | 2516.83 |
| P5706 | P5706 | P5705 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 692.20 | 2662 | 3.49 | 198.57 | 2413.00 | 0.00 | 103.83 | 302.40 | 796.03 | 2516.83 |
| P5705 | P5705 | P5704 | R | | | | 1.08 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 101.09 | 793.29 | 3051 | 3.44 | 230.86 | 2725.88 | 15.16 | 118.99 | 349.86 | 912.28 | 2844.88 |
| P5704 | P5704 | P5703 | R | R | P | | 0.47 | 1.09 | 1.65 | | 93.6 | 93.6 | 10.0 | 0.0 | 162.52 | 955.81 | 3676 | 3.37 | 283.96 | 3217.21 | 24.38 | 143.37 | 427.34 | 1099.18 | 3360.58 |
| P5703 | P5703 | P5702 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 955.81 | 3676 | 3.37 | 283.96 | 3217.21 | 0.00 | 143.37 | 427.34 | 1099.18 | 3360.58 |
| P5702 | P5702 | P5701 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 955.81 | 3676 | 3.37 | 283.96 | 3217.21 | 0.00 | 143.37 | 427.34 | 1099.18 | 3360.58 |
| P5701 | P5701 | P57 | R | | | | 2.95 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 276.12 | 1231.93 | 4738 | 3.27 | 377.13 | 4024.20 | 41.42 | 184.79 | 561.92 | 1416.72 | 4208.99 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|--------|---------|--------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| P5304 | P5304 | P5303 | R | | | | 0.87 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 81.43 | 81.43 | 313 | 4.07 | 20.00 | 331.46 | 12.21 | 12.21 | 32.22 | 93.64 | 343.68 |
| P5303 | P5303 | P5302 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 81.43 | 313 | 4.07 | 20.00 | 331.46 | 0.00 | 12.21 | 32.22 | 93.64 | 343.68 |
| P5302 | P5302 | P5301 | R | | | | 0.95 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 88.92 | 170.35 | 655 | 3.91 | 43.56 | 666.24 | 13.34 | 25.55 | 69.11 | 195.90 | 691.79 |
| P5301 | P5301 | P53 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 170.35 | 655 | 3.91 | 43.56 | 666.24 | 0.00 | 25.55 | 69.11 | 195.90 | 691.79 |
| P4804 | P4804 | P4803 | R | R | | | 0.72 | 0.73 | | | 93.6 | 93.6 | 0.0 | 0.0 | 135.72 | 135.72 | 522 | 3.96 | 34.23 | 538.07 | 20.36 | 20.36 | 54.59 | 156.08 | 558.42 |
| P4803 | P4803 | P4802 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 135.72 | 522 | 3.96 | 34.23 | 538.07 | 0.00 | 20.36 | 54.59 | 156.08 | 558.42 |
| P4802 | P4802 | P4801 | R | | | | 0.74 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 69.26 | 204.98 | 788 | 3.86 | 53.04 | 792.11 | 10.39 | 30.75 | 83.79 | 235.73 | 822.86 |
| P4801 | P4801 | P48 | R | | | | 1.31 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 122.62 | 327.60 | 1260 | 3.73 | 87.76 | 1222.94 | 18.39 | 49.14 | 136.90 | 376.74 | 1272.08 |
| P45113 | P45113 | P45112 | R | R | P | | 0.52 | 0.50 | 0.68 | | 93.6 | 93.6 | 10.0 | 0.0 | 102.27 | 102.27 | 393 | 4.03 | 25.40 | 411.72 | 15.34 | 15.34 | 40.74 | 117.61 | 427.06 |
| P45112 | P45112 | P45111 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 102.27 | 393 | 4.03 | 25.40 | 411.72 | 0.00 | 15.34 | 40.74 | 117.61 | 427.06 |
| P45111 | P45111 | P45110 | R | | | | 0.5 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 46.80 | 149.07 | 573 | 3.94 | 37.81 | 587.79 | 7.02 | 22.36 | 60.17 | 171.43 | 610.15 |
| P45110 | P45110 | P45109 | R | R | | | 0.41 | 0.45 | | | 93.6 | 93.6 | 0.0 | 0.0 | 80.50 | 229.57 | 883 | 3.83 | 59.87 | 880.22 | 12.08 | 34.44 | 94.31 | 264.01 | 914.65 |
| P45109 | P45109 | P4586 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 229.57 | 883 | 3.83 | 59.87 | 880.22 | 0.00 | 34.44 | 94.31 | 264.01 | 914.65 |
| P45108 | P45108 | P45107 | R | | | | 0.98 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 91.73 | 91.73 | 353 | 4.05 | 22.66 | 371.26 | 13.76 | 13.76 | 36.42 | 105.49 | 385.02 |
| P45107 | P45107 | P45106 | S | | | | 0.9 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 45.00 | 136.73 | 526 | 3.96 | 34.50 | 541.83 | 6.75 | 20.51 | 55.01 | 157.24 | 562.34 |
| P45106 | P45106 | P45105 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 136.73 | 526 | 3.96 | 34.50 | 541.83 | 0.00 | 20.51 | 55.01 | 157.24 | 562.34 |
| P45105 | P45105 | P45104 | R | | | | 0.46 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 43.06 | 179.79 | 692 | 3.90 | 46.13 | 700.72 | 6.46 | 26.97 | 73.10 | 206.76 | 727.69 |
| P45104 | P45104 | P45103 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 179.79 | 692 | 3.90 | 46.13 | 700.72 | 0.00 | 26.97 | 73.10 | 206.76 | 727.69 |
| P45103 | P45103 | P45102 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 179.79 | 692 | 3.90 | 46.13 | 700.72 | 0.00 | 26.97 | 73.10 | 206.76 | 727.69 |
| P45102 | P45102 | P4583 | R | | | | 0.53 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 49.61 | 229.40 | 882 | 3.83 | 59.83 | 879.63 | 7.44 | 34.41 | 94.24 | 263.81 | 914.04 |
| P45101 | P45101 | P45100 | R | R | R | | 0.9 | 0.95 | 0.46 | | 93.6 | 93.6 | 93.6 | 0.0 | 216.22 | 216.22 | 832 | 3.85 | 56.16 | 832.46 | 32.43 | 32.43 | 88.59 | 248.65 | 864.90 |
| P45100 | P45100 | P4599 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 216.22 | 832 | 3.85 | 56.16 | 832.46 | 0.00 | 32.43 | 88.59 | 248.65 | 864.90 |
| P4599 | P4599 | P4598 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 216.22 | 832 | 3.85 | 56.16 | 832.46 | 0.00 | 32.43 | 88.59 | 248.65 | 864.90 |
| P4598 | P4598 | P4597 | R | R | | | 0.55 | 0.53 | | | 93.6 | 93.6 | 0.0 | 0.0 | 101.09 | 317.31 | 1220 | 3.74 | 84.78 | 1187.58 | 15.16 | 47.60 | 132.38 | 364.91 | 1235.18 |
| P4597 | P4597 | P4596 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 317.31 | 1220 | 3.74 | 84.78 | 1187.58 | 0.00 | 47.60 | 132.38 | 364.91 | 1235.18 |
| P4596 | P4596 | P4578 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 317.31 | 1220 | 3.74 | 84.78 | 1187.58 | 0.00 | 47.60 | 132.38 | 364.91 | 1235.18 |
| P4595 | P4595 | P4594 | B | S | P | P | 0.99 | 0.52 | 0.36 | 0.68 | 93.6 | 50.0 | 10.0 | 10.0 | 129.06 | 129.06 | 496 | 3.98 | 32.46 | 513.14 | 19.36 | 19.36 | 51.82 | 148.42 | 532.50 |
| P4594 | P4594 | P4593 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 129.06 | 496 | 3.98 | 32.46 | 513.14 | 0.00 | 19.36 | 51.82 | 148.42 | 532.50 |
| P4593 | P4593 | P4592 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 129.06 | 496 | 3.98 | 32.46 | 513.14 | 0.00 | 19.36 | 51.82 | 148.42 | 532.50 |
| P4592 | P4592 | P4591 | R | | | | 0.57 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 53.35 | 182.41 | 702 | 3.89 | 46.85 | 710.28 | 8.00 | 27.36 | 74.21 | 209.77 | 737.64 |
| P4591 | P4591 | P4590 | R | | | | 0.36 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 33.70 | 216.11 | 831 | 3.85 | 56.13 | 832.11 | 5.06 | 32.42 | 88.54 | 248.53 | 864.53 |
| P4590 | P4590 | P4589 | R | | | | 0.57 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 53.35 | 269.46 | 1036 | 3.79 | 71.10 | 1021.27 | 8.00 | 40.42 | 111.52 | 309.88 | 1061.68 |
| P4589 | P4589 | P4588 | R | R | | | 0.4 | 0.47 | | | 93.6 | 93.6 | 0.0 | 0.0 | 81.43 | 350.89 | 1350 | 3.71 | 94.52 | 1302.57 | 12.21 | 52.63 | 147.16 | 403.52 | 1355.20 |
| P4588 | P4588 | P4587 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 350.89 | 1350 | 3.71 | 94.52 | 1302.57 | 0.00 | 52.63 | 147.16 | 403.52 | 1355.20 |
| P4587 | P4587 | P4586 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 350.89 | 1350 | 3.71 | 94.52 | 1302.57 | 0.00 | 52.63 | 147.16 | 403.52 | 1355.20 |
| P4586 | P4586 | P4585 | R | S | | | 0.39 | 1.16 | | | 93.6 | 50.0 | 0.0 | 0.0 | 94.50 | 674.96 | 2596 | 3.50 | 193.12 | 2358.99 | 14.18 | 101.24 | 294.37 | 776.20 | 2460.23 |
| P4585 | P4585 | P4584 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 674.96 | 2596 | 3.50 | 193.12 | 2358.99 | 0.00 | 101.24 | 294.37 | 776.20 | 2460.23 |
| P4584 | P4584 | P4583 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 674.96 | 2596 | 3.50 | 193.12 | 2358.99 | 0.00 | 101.24 | 294.37 | 776.20 | 2460.23 |
| P4583 | P4583 | P4582 | S | | | | 1.16 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 58.00 | 962.36 | 3701 | 3.36 | 286.13 | 3236.75 | 8.70 | 144.35 | 430.49 | 1106.71 | 3381.11 |
| P4582 | P4582 | P4581 | R | S | | | 0.82 | 1.31 | | | 93.6 | 50.0 | 0.0 | 0.0 | 142.25 | 1104.61 | 4249 | 3.31 | 333.75 | 3655.96 | 21.34 | 165.69 | 499.44 | 1270.30 | 3821.65 |
| P4581 | P4581 | P4580 | R | | | | 1.42 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 132.91 | 1237.52 | 4760 | 3.26 | 379.06 | 4040.17 | 19.94 | 185.63 | 564.68 | 1423.15 | 4225.80 |
| P4580 | P4580 | P4579 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1237.52 | 4760 | 3.26 | 379.06 | 4040.17 | 0.00 | 185.63 | 564.68 | 1423.15 | 4225.80 |
| P4579 | P4579 | P4578 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1237.52 | 4760 | 3.26 | 379.06 | 4040.17 | 0.00 | 185.63 | 564.68 | 1423.15 | 4225.80 |
| P4578 | P4578 | P4577 | R | S | | | 0.7 | 1.31 | | | 93.6 | 50.0 | 0.0 | 0.0 | 131.02 | 1685.85 | 6484 | 3.14 | 537.14 | 5291.19 | 19.65 | 252.88 | 790.01 | 1938.73 | 5544.07 |
| P4577 | P4577 | P4576 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1685.85 | 6484 | 3.14 | 537.14 | 5291.19 | 0.00 | 252.88 | 790.01 | 1938.73 | 5544.07 |
| P4576 | P4576 | P4575 | R | | | | 0.52 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 48.67 | 1734.52 | 6671 | 3.13 | 554.74 | 5423.40 | 7.30 | 260.18 | 814.91 | 1994.70 | 5683.58 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| P4575 | P4575 | P4574 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1734.52 | 6671 | 3.13 | 554.74 | 5423.40 | 0.00 | 260.18 | 814.91 | 1994.70 | 5683.58 |
| P4574 | P4574 | P4573 | R | S | | | 0.84 | 1.31 | | | 93.6 | 50.0 | 0.0 | 0.0 | 144.12 | 1878.64 | 7226 | 3.09 | 607.33 | 5811.13 | 21.62 | 281.80 | 889.13 | 2160.44 | 6092.92 |
| P4573 | P4573 | P4572 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1878.64 | 7226 | 3.09 | 607.33 | 5811.13 | 0.00 | 281.80 | 889.13 | 2160.44 | 6092.92 |
| P4572 | P4572 | P4571 | R | R | | | 1.21 | 0.57 | | | 93.6 | 93.6 | 0.0 | 0.0 | 166.61 | 2045.25 | 7866 | 3.06 | 668.95 | 6253.19 | 24.99 | 306.79 | 975.73 | 2352.04 | 6559.98 |
| P4571 | P4571 | P4505 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2045.25 | 7866 | 3.06 | 668.95 | 6253.19 | 0.00 | 306.79 | 975.73 | 2352.04 | 6559.98 |
| P4570 | P4570 | P4569 | R | R | | | 0.33 | 0.64 | | | 93.6 | 93.6 | 0.0 | 0.0 | 90.79 | 90.79 | 349 | 4.05 | 22.42 | 367.66 | 13.62 | 13.62 | 36.04 | 104.41 | 381.28 |
| P4569 | P4569 | P4568 | R | | | | 0.4 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 37.44 | 128.23 | 493 | 3.98 | 32.24 | 510.02 | 5.62 | 19.23 | 51.47 | 147.46 | 529.25 |
| P4568 | P4568 | P4567 | R | | | | 0.37 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 34.63 | 162.86 | 626 | 3.92 | 41.52 | 638.74 | 5.19 | 24.43 | 65.95 | 187.29 | 663.17 |
| P4567 | P4567 | P4566 | R | | | | 0.53 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 49.61 | 212.47 | 817 | 3.85 | 55.12 | 819.05 | 7.44 | 31.87 | 86.99 | 244.34 | 850.92 |
| P4566 | P4566 | P4565 | R | | | | 0.59 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 55.22 | 267.69 | 1030 | 3.79 | 70.60 | 1015.00 | 8.28 | 40.15 | 110.75 | 307.84 | 1055.15 |
| P4565 | P4565 | P4564 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 267.69 | 1030 | 3.79 | 70.60 | 1015.00 | 0.00 | 40.15 | 110.75 | 307.84 | 1055.15 |
| P4564 | P4564 | P4563 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 267.69 | 1030 | 3.79 | 70.60 | 1015.00 | 0.00 | 40.15 | 110.75 | 307.84 | 1055.15 |
| P4563 | P4563 | P4527 | R | | | | 0.97 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 90.79 | 358.48 | 1379 | 3.71 | 96.74 | 1328.41 | 13.62 | 53.77 | 150.51 | 412.25 | 1382.18 |
| P4562 | P4562 | P4561 | R | R | P | | 0.43 | 0.23 | 0.27 | | 93.6 | 93.6 | 10.0 | 0.0 | 64.48 | 64.48 | 248 | 4.11 | 15.68 | 265.17 | 9.67 | 9.67 | 25.35 | 74.15 | 274.85 |
| P4561 | P4561 | P4560 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 64.48 | 248 | 4.11 | 15.68 | 265.17 | 0.00 | 9.67 | 25.35 | 74.15 | 274.85 |
| P4560 | P4560 | P4535 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 64.48 | 248 | 4.11 | 15.68 | 265.17 | 0.00 | 9.67 | 25.35 | 74.15 | 274.85 |
| P4559 | P4559 | P4558 | R | | | | 1.9 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 177.84 | 177.84 | 684 | 3.90 | 45.60 | 693.63 | 26.68 | 26.68 | 72.27 | 204.52 | 720.31 |
| P4558 | P4558 | P4557 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 177.84 | 684 | 3.90 | 45.60 | 693.63 | 0.00 | 26.68 | 72.27 | 204.52 | 720.31 |
| P4557 | P4557 | P4556 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 177.84 | 684 | 3.90 | 45.60 | 693.63 | 0.00 | 26.68 | 72.27 | 204.52 | 720.31 |
| P4556 | P4556 | P4555 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 177.84 | 684 | 3.90 | 45.60 | 693.63 | 0.00 | 26.68 | 72.27 | 204.52 | 720.31 |
| P4555 | P4555 | P4537 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 177.84 | 684 | 3.90 | 45.60 | 693.63 | 0.00 | 26.68 | 72.27 | 204.52 | 720.31 |
| P4554 | P4554 | P4553 | R | | | | 2.39 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 223.70 | 223.70 | 860 | 3.84 | 58.24 | 859.29 | 33.56 | 33.56 | 91.79 | 257.26 | 892.85 |
| P4553 | P4553 | P4552 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 223.70 | 860 | 3.84 | 58.24 | 859.29 | 0.00 | 33.56 | 91.79 | 257.26 | 892.85 |
| P4552 | P4552 | P4551 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 223.70 | 860 | 3.84 | 58.24 | 859.29 | 0.00 | 33.56 | 91.79 | 257.26 | 892.85 |
| P4551 | P4551 | P4550 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 223.70 | 860 | 3.84 | 58.24 | 859.29 | 0.00 | 33.56 | 91.79 | 257.26 | 892.85 |
| P4550 | P4550 | P4549 | R | | | | 0.6 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 56.16 | 279.86 | 1076 | 3.78 | 74.05 | 1057.66 | 8.42 | 41.98 | 116.03 | 321.84 | 1099.64 |
| P4549 | P4549 | P4548 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 279.86 | 1076 | 3.78 | 74.05 | 1057.66 | 0.00 | 41.98 | 116.03 | 321.84 | 1099.64 |
| P4548 | P4548 | P4547 | R | R | | | 0.84 | 1.47 | | | 93.6 | 93.6 | 0.0 | 0.0 | 216.22 | 496.08 | 1908 | 3.60 | 137.74 | 1786.68 | 32.43 | 74.41 | 212.15 | 570.49 | 1861.09 |
| P4547 | P4547 | P4546 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 496.08 | 1908 | 3.60 | 137.74 | 1786.68 | 0.00 | 74.41 | 212.15 | 570.49 | 1861.09 |
| P4546 | P4546 | P4545 | R | R | | | 0.59 | 0.88 | | | 93.6 | 93.6 | 0.0 | 0.0 | 137.59 | 633.67 | 2437 | 3.52 | 180.15 | 2228.93 | 20.64 | 95.05 | 275.20 | 728.72 | 2323.98 |
| P4545 | P4545 | P4544 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 633.67 | 2437 | 3.52 | 180.15 | 2228.93 | 0.00 | 95.05 | 275.20 | 728.72 | 2323.98 |
| P4544 | P4544 | P4543 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 633.67 | 2437 | 3.52 | 180.15 | 2228.93 | 0.00 | 95.05 | 275.20 | 728.72 | 2323.98 |
| P4543 | P4543 | P4518 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 633.67 | 2437 | 3.52 | 180.15 | 2228.93 | 0.00 | 95.05 | 275.20 | 728.72 | 2323.98 |
| P4542 | P4542 | P4541 | R | | | | 1.46 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 136.66 | 136.66 | 526 | 3.96 | 34.49 | 541.56 | 20.50 | 20.50 | 54.98 | 157.16 | 562.06 |
| P4541 | P4541 | P4540 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 136.66 | 526 | 3.96 | 34.49 | 541.56 | 0.00 | 20.50 | 54.98 | 157.16 | 562.06 |
| P4540 | P4540 | P4539 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 136.66 | 526 | 3.96 | 34.49 | 541.56 | 0.00 | 20.50 | 54.98 | 157.16 | 562.06 |
| P4539 | P4539 | P4538 | R | | | | 0.44 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 41.18 | 177.84 | 684 | 3.90 | 45.60 | 693.63 | 6.18 | 26.68 | 72.27 | 204.52 | 720.31 |
| P4538 | P4538 | P4537 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 177.84 | 684 | 3.90 | 45.60 | 693.63 | 0.00 | 26.68 | 72.27 | 204.52 | 720.31 |
| P4537 | P4537 | P4536 | R | R | | | 0.21 | 0.62 | | | 93.6 | 93.6 | 0.0 | 0.0 | 77.69 | 433.37 | 1667 | 3.65 | 118.86 | 1580.04 | 11.65 | 65.01 | 183.87 | 498.38 | 1645.05 |
| P4536 | P4536 | P4535 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 433.37 | 1667 | 3.65 | 118.86 | 1580.04 | 0.00 | 65.01 | 183.87 | 498.38 | 1645.05 |
| P4535 | P4535 | P4534 | R | | | | 0.31 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 29.02 | 526.87 | 2026 | 3.58 | 147.11 | 1886.94 | 4.35 | 79.03 | 226.14 | 605.90 | 1965.97 |
| P4534 | P4534 | P4533 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 526.87 | 2026 | 3.58 | 147.11 | 1886.94 | 0.00 | 79.03 | 226.14 | 605.90 | 1965.97 |
| P4533 | P4533 | P4532 | R | R | R | | 0.58 | 0.52 | 0.91 | | 93.6 | 93.6 | 93.6 | 0.0 | 188.14 | 715.01 | 2750 | 3.47 | 205.80 | 2484.11 | 28.22 | 107.25 | 313.06 | 822.26 | 2591.36 |
| P4532 | P4532 | P4531 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 715.01 | 2750 | 3.47 | 205.80 | 2484.11 | 0.00 | 107.25 | 313.06 | 822.26 | 2591.36 |
| P4531 | P4531 | P4530 | R | R | R | E | 0.72 | 0.68 | 0.53 | 0.49 | 93.6 | 93.6 | 93.6 | 50.0 | 205.15 | 920.16 | 3539 | 3.38 | 272.20 | 3110.56 | 30.77 | 138.02 | 410.22 | 1058.18 | 3248.59 |
| P4530 | P4530 | P4529 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 920.16 | 3539 | 3.38 | 272.20 | 3110.56 | 0.00 | 138.02 | 410.22 | 1058.18 | 3248.59 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|-----|-----|---------|------|-----|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| P4529 | P4529 | P4528 | S | | | | 1.19 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 59.50 | 979.66 | 3768 | 3.36 | 291.87 | 3288.18 | 8.93 | 146.95 | 438.82 | 1126.61 | 3435.13 |
| P4528 | P4528 | P4527 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 979.66 | 3768 | 3.36 | 291.87 | 3288.18 | 0.00 | 146.95 | 438.82 | 1126.61 | 3435.13 |
| P4527 | P4527 | P4526 | S | S | | | 1.19 | 0.44 | | | 50.0 | 50.0 | 0.0 | 0.0 | 81.50 | 1419.64 | 5460 | 3.21 | 442.34 | 4556.14 | 12.23 | 212.95 | 655.29 | 1632.59 | 4769.09 |
| P4526 | P4526 | P4525 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1419.64 | 5460 | 3.21 | 442.34 | 4556.14 | 0.00 | 212.95 | 655.29 | 1632.59 | 4769.09 |
| P4525 | P4525 | P4524 | R | S | | | 0.51 | 0.90 | | | 93.6 | 50.0 | 0.0 | 0.0 | 92.74 | 1512.38 | 5817 | 3.18 | 475.07 | 4814.60 | 13.91 | 226.86 | 701.93 | 1739.24 | 5041.46 |
| P4524 | P4524 | P4523 | R | P | | | 0.65 | 1.51 | | | 93.6 | 10.0 | 0.0 | 0.0 | 75.94 | 1588.32 | 6109 | 3.16 | 502.11 | 5024.31 | 11.39 | 238.25 | 740.36 | 1826.57 | 5262.56 |
| P4523 | P4523 | P4522 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1588.32 | 6109 | 3.16 | 502.11 | 5024.31 | 0.00 | 238.25 | 740.36 | 1826.57 | 5262.56 |
| P4522 | P4522 | P4521 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1588.32 | 6109 | 3.16 | 502.11 | 5024.31 | 0.00 | 238.25 | 740.36 | 1826.57 | 5262.56 |
| P4521 | P4521 | P4520 | R | R | | | 0.36 | 0.56 | | | 93.6 | 93.6 | 0.0 | 0.0 | 86.11 | 1674.43 | 6440 | 3.14 | 533.02 | 5260.09 | 12.92 | 251.16 | 784.18 | 1925.59 | 5511.25 |
| P4520 | P4520 | P4519 | S | | | | 0.9 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 45.00 | 1719.43 | 6613 | 3.13 | 549.27 | 5382.48 | 6.75 | 257.91 | 807.19 | 1977.34 | 5640.40 |
| P4519 | P4519 | P4518 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1719.43 | 6613 | 3.13 | 549.27 | 5382.48 | 0.00 | 257.91 | 807.19 | 1977.34 | 5640.40 |
| P4518 | P4518 | P4517 | R | | | | 0.98 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 91.73 | 2444.83 | 9403 | 2.98 | 820.08 | 7288.52 | 13.76 | 366.72 | 1186.81 | 2811.55 | 7655.25 |
| P4517 | P4517 | P4516 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2444.83 | 9403 | 2.98 | 820.08 | 7288.52 | 0.00 | 366.72 | 1186.81 | 2811.55 | 7655.25 |
| P4516 | P4516 | P4515 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2444.83 | 9403 | 2.98 | 820.08 | 7288.52 | 0.00 | 366.72 | 1186.81 | 2811.55 | 7655.25 |
| P4515 | P4515 | P4514 | P | | | | 1.34 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 13.40 | 2458.23 | 9455 | 2.98 | 825.23 | 7322.64 | 2.01 | 368.73 | 1193.97 | 2826.96 | 7691.38 |
| P4514 | P4514 | P4513 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2458.23 | 9455 | 2.98 | 825.23 | 7322.64 | 0.00 | 368.73 | 1193.97 | 2826.96 | 7691.38 |
| P4513 | P4513 | P4512 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2458.23 | 9455 | 2.98 | 825.23 | 7322.64 | 0.00 | 368.73 | 1193.97 | 2826.96 | 7691.38 |
| P4512 | P4512 | P4511 | R | R | | | 0.99 | 1.42 | | | 93.6 | 93.6 | 0.0 | 0.0 | 225.58 | 2683.81 | 10322 | 2.94 | 912.55 | 7893.08 | 33.84 | 402.57 | 1315.12 | 3086.38 | 8295.65 |
| P4511 | P4511 | P4510 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2683.81 | 10322 | 2.94 | 912.55 | 7893.08 | 0.00 | 402.57 | 1315.12 | 3086.38 | 8295.65 |
| P4510 | P4510 | P4509 | R | P | | | 1.3 | 0.82 | | | 93.6 | 10.0 | 0.0 | 0.0 | 129.88 | 2813.69 | 10822 | 2.92 | 963.42 | 8217.45 | 19.48 | 422.05 | 1385.47 | 3235.74 | 8639.50 |
| P4509 | P4509 | P4508 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2813.69 | 10822 | 2.92 | 963.42 | 8217.45 | 0.00 | 422.05 | 1385.47 | 3235.74 | 8639.50 |
| P4508 | P4508 | P4507 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2813.69 | 10822 | 2.92 | 963.42 | 8217.45 | 0.00 | 422.05 | 1385.47 | 3235.74 | 8639.50 |
| P4507 | P4507 | P4506 | R | P | | | 1.3 | 0.82 | | | 93.6 | 10.0 | 0.0 | 0.0 | 129.88 | 2943.57 | 11321 | 2.90 | 1014.69 | 8539.20 | 19.48 | 441.54 | 1456.22 | 3385.11 | 8980.74 |
| P4506 | P4506 | P4505 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2943.57 | 11321 | 2.90 | 1014.69 | 8539.20 | 0.00 | 441.54 | 1456.22 | 3385.11 | 8980.74 |
| P4505 | P4505 | P4504 | R | R | | | 1.05 | 0.98 | | | 93.6 | 93.6 | 0.0 | 0.0 | 190.01 | 5178.83 | 19919 | 2.65 | 1951.15 | 13745.89 | 28.50 | 776.82 | 2727.97 | 5955.65 | 14522.71 |
| P4504 | P4504 | P4503 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5178.83 | 19919 | 2.65 | 1951.15 | 13745.89 | 0.00 | 776.82 | 2727.97 | 5955.65 | 14522.71 |
| P4503 | P4503 | P4502 | R | R | | | 1.56 | 1.16 | | | 93.6 | 93.6 | 0.0 | 0.0 | 254.59 | 5433.42 | 20898 | 2.63 | 2063.32 | 14308.00 | 38.19 | 815.01 | 2878.34 | 6248.43 | 15123.01 |
| P4502 | P4502 | P4501 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5433.42 | 20898 | 2.63 | 2063.32 | 14308.00 | 0.00 | 815.01 | 2878.34 | 6248.43 | 15123.01 |
| P4501 | P4501 | P45 | R | | | | 1.38 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 129.17 | 5562.59 | 21395 | 2.62 | 2120.62 | 14591.23 | 19.38 | 834.39 | 2955.01 | 6396.98 | 15425.62 |
| P4154 | P4154 | P4153 | R | | | | 0.83 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 77.69 | 77.69 | 299 | 4.08 | 19.05 | 316.90 | 11.65 | 11.65 | 30.70 | 89.34 | 328.56 |
| P4153 | P4153 | P4152 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 77.69 | 299 | 4.08 | 19.05 | 316.90 | 0.00 | 11.65 | 30.70 | 89.34 | 328.56 |
| P4152 | P4152 | P4151 | R | S | | | 1.13 | 0.93 | | | 93.6 | 50.0 | 0.0 | 0.0 | 152.27 | 229.96 | 884 | 3.83 | 59.98 | 881.64 | 22.84 | 34.49 | 94.47 | 264.45 | 916.13 |
| P4151 | P4151 | P4150 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 229.96 | 884 | 3.83 | 59.98 | 881.64 | 0.00 | 34.49 | 94.47 | 264.45 | 916.13 |
| P4150 | P4150 | P4149 | R | | | | 0.87 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 81.43 | 311.39 | 1198 | 3.75 | 83.08 | 1167.10 | 12.21 | 46.71 | 129.79 | 358.10 | 1213.81 |
| P4149 | P4149 | P4148 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 311.39 | 1198 | 3.75 | 83.08 | 1167.10 | 0.00 | 46.71 | 129.79 | 358.10 | 1213.81 |
| P4148 | P4148 | P4147 | R | | | | 0.76 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 71.14 | 382.53 | 1471 | 3.69 | 103.79 | 1409.88 | 10.67 | 57.38 | 161.17 | 439.91 | 1467.26 |
| P4147 | P4147 | P4146 | R | | | | 0.58 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 54.29 | 436.82 | 1680 | 3.64 | 119.89 | 1591.52 | 8.14 | 65.52 | 185.42 | 502.34 | 1657.05 |
| P4146 | P4146 | P4105 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 436.82 | 1680 | 3.64 | 119.89 | 1591.52 | 0.00 | 65.52 | 185.42 | 502.34 | 1657.05 |
| P4145 | P4145 | P4144 | B | P | | | 1.1 | 0.34 | | | 93.6 | 10.0 | 0.0 | 0.0 | 106.36 | 106.36 | 409 | 4.02 | 26.47 | 427.31 | 15.95 | 15.95 | 42.43 | 122.31 | 443.26 |
| P4144 | P4144 | P4143 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 106.36 | 409 | 4.02 | 26.47 | 427.31 | 0.00 | 15.95 | 42.43 | 122.31 | 443.26 |
| P4143 | P4143 | P4142 | P | | | | 0.89 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 8.90 | 115.26 | 443 | 4.00 | 28.81 | 461.12 | 1.34 | 17.29 | 46.10 | 132.55 | 478.41 |
| P4142 | P4142 | P4141 | E | | | | 0.57 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 28.50 | 143.76 | 553 | 3.95 | 36.38 | 568.04 | 4.28 | 21.56 | 57.95 | 165.32 | 589.61 |
| P4141 | P4141 | P4140 | R | | | | 0.59 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 55.22 | 198.98 | 765 | 3.87 | 51.39 | 770.45 | 8.28 | 29.85 | 81.24 | 228.83 | 800.30 |
| P4140 | P4140 | P4139 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 198.98 | 765 | 3.87 | 51.39 | 770.45 | 0.00 | 29.85 | 81.24 | 228.83 | 800.30 |
| P4139 | P4139 | P4138 | R | P | | | 0.55 | 0.89 | | | 93.6 | 10.0 | 0.0 | 0.0 | 60.38 | 259.36 | 998 | 3.80 | 68.24 | 985.71 | 9.06 | 38.90 | 107.15 | 298.26 | 1024.62 |
| P4138 | P4138 | P4137 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 259.36 | 998 | 3.80 | 68.24 | 985.71 | 0.00 | 38.90 | 107.15 | 298.26 | 1024.62 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| P4137 | P4137 | P4114 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 259.36 | 998 | 3.80 | 68.24 | 985.71 | 0.00 | 38.90 | 107.15 | 298.26 | 1024.62 |
| P4136 | P4136 | P4135 | R | R | | | 0.59 | 0.89 | | | 93.6 | 93.6 | 0.0 | 0.0 | 138.53 | 138.53 | 533 | 3.96 | 34.98 | 548.55 | 20.78 | 20.78 | 55.76 | 159.31 | 569.33 |
| P4135 | P4135 | P4134 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 138.53 | 533 | 3.96 | 34.98 | 548.55 | 0.00 | 20.78 | 55.76 | 159.31 | 569.33 |
| P4134 | P4134 | P4133 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 138.53 | 533 | 3.96 | 34.98 | 548.55 | 0.00 | 20.78 | 55.76 | 159.31 | 569.33 |
| P4133 | P4133 | P4132 | R | | | | 0.96 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 89.86 | 228.39 | 878 | 3.84 | 59.54 | 876.04 | 13.48 | 34.26 | 93.80 | 262.65 | 910.30 |
| P4132 | P4132 | P4131 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 228.39 | 878 | 3.84 | 59.54 | 876.04 | 0.00 | 34.26 | 93.80 | 262.65 | 910.30 |
| P4131 | P4131 | P4130 | R | R | | | 0.92 | 0.59 | | | 93.6 | 93.6 | 0.0 | 0.0 | 141.34 | 369.73 | 1422 | 3.70 | 100.03 | 1366.60 | 21.20 | 55.46 | 155.49 | 425.19 | 1422.06 |
| P4130 | P4130 | P4129 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 369.73 | 1422 | 3.70 | 100.03 | 1366.60 | 0.00 | 55.46 | 155.49 | 425.19 | 1422.06 |
| P4129 | P4129 | P4128 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 369.73 | 1422 | 3.70 | 100.03 | 1366.60 | 0.00 | 55.46 | 155.49 | 425.19 | 1422.06 |
| P4128 | P4128 | P4119 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 369.73 | 1422 | 3.70 | 100.03 | 1366.60 | 0.00 | 55.46 | 155.49 | 425.19 | 1422.06 |
| P4127 | P4127 | P4126 | R | R | | | 0.13 | 0.75 | | | 93.6 | 93.6 | 0.0 | 0.0 | 82.37 | 82.37 | 317 | 4.07 | 20.25 | 335.09 | 12.36 | 12.36 | 32.60 | 94.73 | 347.45 |
| P4126 | P4126 | P4125 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 82.37 | 317 | 4.07 | 20.25 | 335.09 | 0.00 | 12.36 | 32.60 | 94.73 | 347.45 |
| P4125 | P4125 | P4124 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 82.37 | 317 | 4.07 | 20.25 | 335.09 | 0.00 | 12.36 | 32.60 | 94.73 | 347.45 |
| P4124 | P4124 | P4123 | R | | | | 0.87 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 81.43 | 163.80 | 630 | 3.92 | 41.78 | 642.18 | 12.21 | 24.57 | 66.35 | 188.37 | 666.75 |
| P4123 | P4123 | P4122 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 163.80 | 630 | 3.92 | 41.78 | 642.18 | 0.00 | 24.57 | 66.35 | 188.37 | 666.75 |
| P4122 | P4122 | P4121 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 163.80 | 630 | 3.92 | 41.78 | 642.18 | 0.00 | 24.57 | 66.35 | 188.37 | 666.75 |
| P4121 | P4121 | P4120 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 163.80 | 630 | 3.92 | 41.78 | 642.18 | 0.00 | 24.57 | 66.35 | 188.37 | 666.75 |
| P4120 | P4120 | P4119 | R | R | | | 1.3 | 1.38 | | | 93.6 | 93.6 | 0.0 | 0.0 | 250.85 | 414.65 | 1595 | 3.66 | 113.29 | 1517.67 | 37.63 | 62.20 | 175.49 | 476.85 | 1579.86 |
| P4119 | P4119 | P4118 | R | | | | 0.76 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 71.14 | 855.52 | 3290 | 3.41 | 251.03 | 2915.65 | 10.67 | 128.33 | 379.36 | 983.85 | 3043.98 |
| P4118 | P4118 | P4117 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 855.52 | 3290 | 3.41 | 251.03 | 2915.65 | 0.00 | 128.33 | 379.36 | 983.85 | 3043.98 |
| P4117 | P4117 | P4116 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 855.52 | 3290 | 3.41 | 251.03 | 2915.65 | 0.00 | 128.33 | 379.36 | 983.85 | 3043.98 |
| P4116 | P4116 | P4115 | R | | | | 1.45 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 135.72 | 991.24 | 3812 | 3.35 | 295.72 | 3322.62 | 20.36 | 148.69 | 444.40 | 1139.93 | 3471.30 |
| P4115 | P4115 | P4114 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 991.24 | 3812 | 3.35 | 295.72 | 3322.62 | 0.00 | 148.69 | 444.40 | 1139.93 | 3471.30 |
| P4114 | P4114 | P4113 | R | R | R | | 2.3 | 0.49 | 0.50 | | 93.6 | 93.6 | 93.6 | 0.0 | 307.94 | 1558.54 | 5994 | 3.17 | 491.48 | 4942.33 | 46.19 | 233.78 | 725.26 | 1792.32 | 5176.11 |
| P4113 | P4113 | P4112 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1558.54 | 5994 | 3.17 | 491.48 | 4942.33 | 0.00 | 233.78 | 725.26 | 1792.32 | 5176.11 |
| P4112 | P4112 | P4111 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1558.54 | 5994 | 3.17 | 491.48 | 4942.33 | 0.00 | 233.78 | 725.26 | 1792.32 | 5176.11 |
| P4111 | P4111 | P4110 | R | R | | | 1.46 | 1.41 | | | 93.6 | 93.6 | 0.0 | 0.0 | 268.63 | 1827.17 | 7028 | 3.10 | 588.47 | 5673.24 | 40.29 | 274.08 | 862.55 | 2101.25 | 5947.32 |
| P4110 | P4110 | P4109 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1827.17 | 7028 | 3.10 | 588.47 | 5673.24 | 0.00 | 274.08 | 862.55 | 2101.25 | 5947.32 |
| P4109 | P4109 | P4108 | S | | | | 0.93 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 46.50 | 1873.67 | 7206 | 3.09 | 605.50 | 5797.94 | 6.98 | 281.05 | 886.55 | 2154.72 | 6078.99 |
| P4108 | P4108 | P4107 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1873.67 | 7206 | 3.09 | 605.50 | 5797.94 | 0.00 | 281.05 | 886.55 | 2154.72 | 6078.99 |
| P4107 | P4107 | P4106 | R | | | | 1.11 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 103.90 | 1977.57 | 7606 | 3.07 | 643.81 | 6074.40 | 15.59 | 296.64 | 940.45 | 2274.21 | 6371.04 |
| P4106 | P4106 | P4105 | R | | | | 0.58 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 54.29 | 2031.86 | 7815 | 3.06 | 663.97 | 6217.85 | 8.14 | 304.78 | 968.75 | 2336.64 | 6522.63 |
| P4105 | P4105 | P4104 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2468.68 | 9495 | 2.98 | 829.25 | 7349.29 | 0.00 | 370.30 | 1199.55 | 2838.98 | 7719.59 |
| P4104 | P4104 | P4103 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2468.68 | 9495 | 2.98 | 829.25 | 7349.29 | 0.00 | 370.30 | 1199.55 | 2838.98 | 7719.59 |
| P4103 | P4103 | P4102 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2468.68 | 9495 | 2.98 | 829.25 | 7349.29 | 0.00 | 370.30 | 1199.55 | 2838.98 | 7719.59 |
| P4102 | P4102 | P4101 | R | | | | 1.46 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 136.66 | 2605.34 | 10021 | 2.95 | 882.04 | 7695.60 | 20.50 | 390.80 | 1272.84 | 2996.14 | 8086.40 |
| P4101 | P4101 | P41 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2605.34 | 10021 | 2.95 | 882.04 | 7695.60 | 0.00 | 390.80 | 1272.84 | 2996.14 | 8086.40 |
| P3644 | P3644 | P3643 | R | R | R | P | 1.07 | 0.95 | 0.56 | 0.34 | 93.6 | 93.6 | 93.6 | 10.0 | 244.89 | 244.89 | 942 | 3.82 | 64.16 | 934.64 | 36.73 | 36.73 | 100.90 | 281.62 | 971.38 |
| P3643 | P3643 | P3642 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 244.89 | 942 | 3.82 | 64.16 | 934.64 | 0.00 | 36.73 | 100.90 | 281.62 | 971.38 |
| P3642 | P3642 | P3632 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 244.89 | 942 | 3.82 | 64.16 | 934.64 | 0.00 | 36.73 | 100.90 | 281.62 | 971.38 |
| P3641 | P3641 | P3640 | R | R | | | 1.02 | 1.32 | | | 93.6 | 93.6 | 0.0 | 0.0 | 219.02 | 219.02 | 842 | 3.85 | 56.93 | 842.55 | 32.85 | 32.85 | 89.79 | 251.87 | 875.40 |
| P3640 | P3640 | P3639 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 219.02 | 842 | 3.85 | 56.93 | 842.55 | 0.00 | 32.85 | 89.79 | 251.87 | 875.40 |
| P3639 | P3639 | P3638 | R | P | | | 0.93 | 1.38 | | | 93.6 | 10.0 | 0.0 | 0.0 | 100.85 | 319.87 | 1230 | 3.74 | 85.52 | 1196.39 | 15.13 | 47.98 | 133.50 | 367.85 | 1244.37 |
| P3638 | P3638 | P3637 | R | | | | 0.34 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 31.82 | 351.69 | 1353 | 3.71 | 94.76 | 1305.30 | 4.77 | 52.75 | 147.51 | 404.44 | 1358.05 |
| P3637 | P3637 | P3636 | R | S | | | 0.96 | 1.59 | | | 93.6 | 50.0 | 0.0 | 0.0 | 169.36 | 521.05 | 2004 | 3.59 | 145.34 | 1868.02 | 25.40 | 78.16 | 223.49 | 599.21 | 1946.18 |
| P3636 | P3636 | P3635 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 521.05 | 2004 | 3.59 | 145.34 | 1868.02 | 0.00 | 78.16 | 223.49 | 599.21 | 1946.18 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|-----|---------|------|------|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| P3635 | P3635 | P3634 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 521.05 | 2004 | 3.59 | 145.34 | 1868.02 | 0.00 | 78.16 | 223.49 | 599.21 | 1946.18 |
| P3634 | P3634 | P3633 | R | R | | | 0.53 | 0.87 | | | 93.6 | 93.6 | 0.0 | 0.0 | 131.04 | 652.09 | 2508 | 3.51 | 185.92 | 2287.08 | 19.66 | 97.81 | 283.74 | 749.90 | 2384.90 |
| P3633 | P3633 | P3632 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 652.09 | 2508 | 3.51 | 185.92 | 2287.08 | 0.00 | 97.81 | 283.74 | 749.90 | 2384.90 |
| P3632 | P3632 | P3631 | R | | | | 0.61 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 57.10 | 954.08 | 3670 | 3.37 | 283.40 | 3211.98 | 8.57 | 143.11 | 426.51 | 1097.19 | 3355.09 |
| P3631 | P3631 | P3630 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 954.08 | 3670 | 3.37 | 283.40 | 3211.98 | 0.00 | 143.11 | 426.51 | 1097.19 | 3355.09 |
| P3630 | P3630 | P3629 | R | R | | | 0.76 | 1.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 178.78 | 1132.86 | 4357 | 3.30 | 343.31 | 3738.27 | 26.82 | 169.93 | 513.24 | 1302.79 | 3908.20 |
| P3629 | P3629 | P3628 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1132.86 | 4357 | 3.30 | 343.31 | 3738.27 | 0.00 | 169.93 | 513.24 | 1302.79 | 3908.20 |
| P3628 | P3628 | P3627 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1132.86 | 4357 | 3.30 | 343.31 | 3738.27 | 0.00 | 169.93 | 513.24 | 1302.79 | 3908.20 |
| P3627 | P3627 | P3626 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1132.86 | 4357 | 3.30 | 343.31 | 3738.27 | 0.00 | 169.93 | 513.24 | 1302.79 | 3908.20 |
| P3626 | P3626 | P3603 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1132.86 | 4357 | 3.30 | 343.31 | 3738.27 | 0.00 | 169.93 | 513.24 | 1302.79 | 3908.20 |
| P3625 | P3625 | P3624 | R | R | | | 1.03 | 0.69 | | | 93.6 | 93.6 | 0.0 | 0.0 | 160.99 | 160.99 | 619 | 3.92 | 41.02 | 631.84 | 24.15 | 24.15 | 65.17 | 185.14 | 655.99 |
| P3624 | P3624 | P3623 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 160.99 | 619 | 3.92 | 41.02 | 631.84 | 0.00 | 24.15 | 65.17 | 185.14 | 655.99 |
| P3623 | P3623 | P3622 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 160.99 | 619 | 3.92 | 41.02 | 631.84 | 0.00 | 24.15 | 65.17 | 185.14 | 655.99 |
| P3622 | P3622 | P3621 | R | | | | 1.59 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 148.82 | 309.81 | 1192 | 3.75 | 82.63 | 1161.64 | 22.32 | 46.47 | 129.10 | 356.28 | 1208.11 |
| P3621 | P3621 | P3620 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 309.81 | 1192 | 3.75 | 82.63 | 1161.64 | 0.00 | 46.47 | 129.10 | 356.28 | 1208.11 |
| P3620 | P3620 | P3619 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 309.81 | 1192 | 3.75 | 82.63 | 1161.64 | 0.00 | 46.47 | 129.10 | 356.28 | 1208.11 |
| P3619 | P3619 | P3618 | R | R | | | 0.67 | 0.64 | | | 93.6 | 93.6 | 0.0 | 0.0 | 122.62 | 432.43 | 1663 | 3.65 | 118.58 | 1576.95 | 18.39 | 64.86 | 183.45 | 497.29 | 1641.81 |
| P3618 | P3618 | P3617 | S | | | | 2.07 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 103.50 | 535.93 | 2061 | 3.58 | 149.89 | 1916.27 | 15.53 | 80.39 | 230.27 | 616.32 | 1996.66 |
| P3617 | P3617 | P3616 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 535.93 | 2061 | 3.58 | 149.89 | 1916.27 | 0.00 | 80.39 | 230.27 | 616.32 | 1996.66 |
| P3616 | P3616 | P3615 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 535.93 | 2061 | 3.58 | 149.89 | 1916.27 | 0.00 | 80.39 | 230.27 | 616.32 | 1996.66 |
| P3615 | P3615 | P3614 | S | | | | 2.07 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 103.50 | 639.43 | 2459 | 3.51 | 181.95 | 2247.16 | 15.53 | 95.91 | 277.86 | 735.34 | 2343.07 |
| P3614 | P3614 | P3613 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 639.43 | 2459 | 3.51 | 181.95 | 2247.16 | 0.00 | 95.91 | 277.86 | 735.34 | 2343.07 |
| P3613 | P3613 | P3612 | P | | | | 2.33 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 23.30 | 662.73 | 2549 | 3.50 | 189.27 | 2320.57 | 3.50 | 99.41 | 288.68 | 762.14 | 2419.98 |
| P3612 | P3612 | P3611 | R | | | | 0.96 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 89.86 | 752.59 | 2895 | 3.46 | 217.79 | 2600.58 | 13.48 | 112.89 | 330.68 | 865.48 | 2713.47 |
| P3611 | P3611 | P3610 | P | | | | 2.33 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 23.30 | 775.89 | 2984 | 3.44 | 225.26 | 2672.46 | 3.50 | 116.38 | 341.65 | 892.27 | 2788.84 |
| P3610 | P3610 | P3609 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 775.89 | 2984 | 3.44 | 225.26 | 2672.46 | 0.00 | 116.38 | 341.65 | 892.27 | 2788.84 |
| P3609 | P3609 | P3608 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 775.89 | 2984 | 3.44 | 225.26 | 2672.46 | 0.00 | 116.38 | 341.65 | 892.27 | 2788.84 |
| P3608 | P3608 | P3607 | R | R | | | 0.9 | 1.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 191.88 | 967.77 | 3722 | 3.36 | 287.93 | 3252.85 | 28.78 | 145.17 | 433.09 | 1112.94 | 3398.01 |
| P3607 | P3607 | P3606 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 967.77 | 3722 | 3.36 | 287.93 | 3252.85 | 0.00 | 145.17 | 433.09 | 1112.94 | 3398.01 |
| P3606 | P3606 | P3605 | R | R | | | 1.01 | 1.16 | | | 93.6 | 93.6 | 0.0 | 0.0 | 203.11 | 1170.88 | 4503 | 3.29 | 356.23 | 3848.48 | 30.47 | 175.63 | 531.87 | 1346.51 | 4024.11 |
| P3605 | P3605 | P3604 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1170.88 | 4503 | 3.29 | 356.23 | 3848.48 | 0.00 | 175.63 | 531.87 | 1346.51 | 4024.11 |
| P3604 | P3604 | P3603 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1170.88 | 4503 | 3.29 | 356.23 | 3848.48 | 0.00 | 175.63 | 531.87 | 1346.51 | 4024.11 |
| P3603 | P3603 | P3602 | R | | | | 1.42 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 132.91 | 2436.65 | 9372 | 2.98 | 816.95 | 7267.59 | 19.94 | 365.50 | 1182.45 | 2802.15 | 7633.09 |
| P3602 | P3602 | P3601 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2436.65 | 9372 | 2.98 | 816.95 | 7267.59 | 0.00 | 365.50 | 1182.45 | 2802.15 | 7633.09 |
| P3601 | P3601 | P36 | R | | | | 1.05 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 98.28 | 2534.93 | 9750 | 2.97 | 854.78 | 7517.59 | 14.74 | 380.24 | 1235.02 | 2915.17 | 7897.83 |
| P3249 | P3249 | P3248 | R | R | R | | 1.72 | 1.01 | 0.71 | | 93.6 | 93.6 | 93.6 | 0.0 | 321.98 | 321.98 | 1238 | 3.74 | 86.13 | 1203.66 | 48.30 | 48.30 | 134.43 | 370.28 | 1251.96 |
| P3248 | P3248 | P3247 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 321.98 | 1238 | 3.74 | 86.13 | 1203.66 | 0.00 | 48.30 | 134.43 | 370.28 | 1251.96 |
| P3247 | P3247 | P3246 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 321.98 | 1238 | 3.74 | 86.13 | 1203.66 | 0.00 | 48.30 | 134.43 | 370.28 | 1251.96 |
| P3246 | P3246 | P3245 | P | | | | 0.7 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 7.00 | 328.98 | 1265 | 3.73 | 88.15 | 1227.71 | 1.05 | 49.35 | 137.50 | 378.33 | 1277.05 |
| P3245 | P3245 | P3244 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 328.98 | 1265 | 3.73 | 88.15 | 1227.71 | 0.00 | 49.35 | 137.50 | 378.33 | 1277.05 |
| P3244 | P3244 | P3243 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 328.98 | 1265 | 3.73 | 88.15 | 1227.71 | 0.00 | 49.35 | 137.50 | 378.33 | 1277.05 |
| P3243 | P3243 | P3242 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 328.98 | 1265 | 3.73 | 88.15 | 1227.71 | 0.00 | 49.35 | 137.50 | 378.33 | 1277.05 |
| P3242 | P3242 | P3241 | R | S | | | 1.36 | 1.48 | | | 93.6 | 50.0 | 0.0 | 0.0 | 201.30 | 530.28 | 2040 | 3.58 | 148.16 | 1897.92 | 30.20 | 79.54 | 227.70 | 609.82 | 1977.46 |
| P3241 | P3241 | P3240 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 530.28 | 2040 | 3.58 | 148.16 | 1897.92 | 0.00 | 79.54 | 227.70 | 609.82 | 1977.46 |
| P3240 | P3240 | P3239 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 530.28 | 2040 | 3.58 | 148.16 | 1897.92 | 0.00 | 79.54 | 227.70 | 609.82 | 1977.46 |
| P3239 | P3239 | P3238 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 530.28 | 2040 | 3.58 | 148.16 | 1897.92 | 0.00 | 79.54 | 227.70 | 609.82 | 1977.46 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | | | | | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|-----|-----|---------|------|-----|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|--|--|--|--|--|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | | | | | | |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) | | | | | |
| P3238 | P3238 | P3237 | R | | | | 0.77 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 72.07 | 602.35 | 2317 | 3.54 | 170.38 | 2129.45 | 10.81 | 90.35 | 260.74 | 692.70 | 2219.80 | | | | | |
| P3237 | P3237 | P3203 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 602.35 | 2317 | 3.54 | 170.38 | 2129.45 | 0.00 | 90.35 | 260.74 | 692.70 | 2219.80 | | | | | |
| P3236 | P3236 | P3235 | R | R | | | 1.6 | 0.96 | | | 93.6 | 93.6 | 0.0 | 0.0 | 239.62 | 239.62 | 922 | 3.82 | 62.69 | 915.94 | 35.94 | 35.94 | 98.63 | 275.56 | 951.88 | | | | | |
| P3235 | P3235 | P3234 | R | | | | 0.59 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 55.22 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 8.28 | 44.23 | 122.55 | 339.07 | 1154.04 | | | | | |
| P3234 | P3234 | P3233 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 294.84 | 1134 | 3.76 | 78.33 | 1109.81 | 0.00 | 44.23 | 122.55 | 339.07 | 1154.04 | | | | | |
| P3233 | P3233 | P3232 | R | R | | | 0.52 | 1.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 156.31 | 451.15 | 1735 | 3.63 | 124.18 | 1639.01 | 23.45 | 67.67 | 191.85 | 518.82 | 1706.69 | | | | | |
| P3232 | P3232 | P3231 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 451.15 | 1735 | 3.63 | 124.18 | 1639.01 | 0.00 | 67.67 | 191.85 | 518.82 | 1706.69 | | | | | |
| P3231 | P3231 | P3230 | R | | | | 0.4 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 37.44 | 488.59 | 1879 | 3.61 | 135.47 | 1762.20 | 5.62 | 73.29 | 208.76 | 561.88 | 1835.49 | | | | | |
| P3230 | P3230 | P3229 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 488.59 | 1879 | 3.61 | 135.47 | 1762.20 | 0.00 | 73.29 | 208.76 | 561.88 | 1835.49 | | | | | |
| P3229 | P3229 | P3228 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 488.59 | 1879 | 3.61 | 135.47 | 1762.20 | 0.00 | 73.29 | 208.76 | 561.88 | 1835.49 | | | | | |
| P3228 | P3228 | P3227 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 488.59 | 1879 | 3.61 | 135.47 | 1762.20 | 0.00 | 73.29 | 208.76 | 561.88 | 1835.49 | | | | | |
| P3227 | P3227 | P3226 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 488.59 | 1879 | 3.61 | 135.47 | 1762.20 | 0.00 | 73.29 | 208.76 | 561.88 | 1835.49 | | | | | |
| P3226 | P3226 | P3225 | R | R | | | 0.55 | 0.74 | | | 93.6 | 93.6 | 0.0 | 0.0 | 120.74 | 609.33 | 2344 | 3.53 | 172.56 | 2151.66 | 18.11 | 91.40 | 263.96 | 700.73 | 2243.05 | | | | | |
| P3225 | P3225 | P3224 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 609.33 | 2344 | 3.53 | 172.56 | 2151.66 | 0.00 | 91.40 | 263.96 | 700.73 | 2243.05 | | | | | |
| P3224 | P3224 | P3209 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 609.33 | 2344 | 3.53 | 172.56 | 2151.66 | 0.00 | 91.40 | 263.96 | 700.73 | 2243.05 | | | | | |
| P3223 | P3223 | P3222 | R | R | | | 0.55 | 1.74 | | | 93.6 | 93.6 | 0.0 | 0.0 | 214.34 | 214.34 | 824 | 3.85 | 55.63 | 825.77 | 32.15 | 32.15 | 87.79 | 246.49 | 857.92 | | | | | |
| P3222 | P3222 | P3221 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 214.34 | 824 | 3.85 | 55.63 | 825.77 | 0.00 | 32.15 | 87.79 | 246.49 | 857.92 | | | | | |
| P3221 | P3221 | P3220 | R | R | | | 0.75 | 0.46 | | | 93.6 | 93.6 | 0.0 | 0.0 | 113.26 | 327.60 | 1260 | 3.73 | 87.76 | 1222.94 | 16.99 | 49.14 | 136.90 | 376.74 | 1272.08 | | | | | |
| P3220 | P3220 | P3219 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 327.60 | 1260 | 3.73 | 87.76 | 1222.94 | 0.00 | 49.14 | 136.90 | 376.74 | 1272.08 | | | | | |
| P3219 | P3219 | P3218 | R | | | | 0.85 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 79.56 | 407.16 | 1566 | 3.67 | 111.07 | 1492.63 | 11.93 | 61.07 | 172.14 | 468.23 | 1553.70 | | | | | |
| P3218 | P3218 | P3217 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 407.16 | 1566 | 3.67 | 111.07 | 1492.63 | 0.00 | 61.07 | 172.14 | 468.23 | 1553.70 | | | | | |
| P3217 | P3217 | P3216 | R | R | | | 0.83 | 0.60 | | | 93.6 | 93.6 | 0.0 | 0.0 | 133.85 | 541.01 | 2081 | 3.57 | 151.45 | 1932.66 | 20.08 | 81.15 | 232.60 | 622.16 | 2013.81 | | | | | |
| P3216 | P3216 | P3215 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 541.01 | 2081 | 3.57 | 151.45 | 1932.66 | 0.00 | 81.15 | 232.60 | 622.16 | 2013.81 | | | | | |
| P3215 | P3215 | P3214 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 541.01 | 2081 | 3.57 | 151.45 | 1932.66 | 0.00 | 81.15 | 232.60 | 622.16 | 2013.81 | | | | | |
| P3214 | P3214 | P3213 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 541.01 | 2081 | 3.57 | 151.45 | 1932.66 | 0.00 | 81.15 | 232.60 | 622.16 | 2013.81 | | | | | |
| P3213 | P3213 | P3212 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 541.01 | 2081 | 3.57 | 151.45 | 1932.66 | 0.00 | 81.15 | 232.60 | 622.16 | 2013.81 | | | | | |
| P3212 | P3212 | P3211 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 541.01 | 2081 | 3.57 | 151.45 | 1932.66 | 0.00 | 81.15 | 232.60 | 622.16 | 2013.81 | | | | | |
| P3211 | P3211 | P3210 | R | | | | 1.79 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 167.54 | 708.55 | 2725 | 3.48 | 203.75 | 2464.01 | 25.13 | 106.28 | 310.03 | 814.83 | 2570.30 | | | | | |
| P3210 | P3210 | P3209 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 708.55 | 2725 | 3.48 | 203.75 | 2464.01 | 0.00 | 106.28 | 310.03 | 814.83 | 2570.30 | | | | | |
| P3209 | P3209 | P3208 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1317.88 | 5069 | 3.24 | 406.82 | 4269.25 | 0.00 | 197.68 | 604.50 | 1515.56 | 4466.93 | | | | | |
| P3208 | P3208 | P3207 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1317.88 | 5069 | 3.24 | 406.82 | 4269.25 | 0.00 | 197.68 | 604.50 | 1515.56 | 4466.93 | | | | | |
| P3207 | P3207 | P3206 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1317.88 | 5069 | 3.24 | 406.82 | 4269.25 | 0.00 | 197.68 | 604.50 | 1515.56 | 4466.93 | | | | | |
| P3206 | P3206 | P3205 | R | R | | | 1.1 | 0.97 | | | 93.6 | 93.6 | 0.0 | 0.0 | 193.75 | 1511.63 | 5814 | 3.18 | 474.81 | 4812.53 | 29.06 | 226.74 | 701.55 | 1738.37 | 5039.28 | | | | | |
| P3205 | P3205 | P3204 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1511.63 | 5814 | 3.18 | 474.81 | 4812.53 | 0.00 | 226.74 | 701.55 | 1738.37 | 5039.28 | | | | | |
| P3204 | P3204 | P3203 | R | | | | 0.93 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 87.05 | 1598.68 | 6149 | 3.16 | 505.82 | 5052.77 | 13.06 | 239.80 | 745.62 | 1838.48 | 5292.57 | | | | | |
| P3203 | P3203 | P3202 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2201.03 | 8466 | 3.03 | 727.34 | 6660.66 | 0.00 | 330.15 | 1057.49 | 2531.18 | 6990.81 | | | | | |
| P3202 | P3202 | P3201 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2201.03 | 8466 | 3.03 | 727.34 | 6660.66 | 0.00 | 330.15 | 1057.49 | 2531.18 | 6990.81 | | | | | |
| P3201 | P3201 | P32 | R | | | | 1.4 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 131.04 | 2332.07 | 8970 | 3.00 | 776.99 | 6999.55 | 19.66 | 349.81 | 1126.80 | 2681.88 | 7349.36 | | | | | |
| P2810 | P2810 | P2809 | I | | | | 2.95 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 29.50 | 29.50 | 113 | 4.23 | 6.98 | 124.75 | 0.00 | 0.00 | 6.98 | 29.50 | 124.75 | | | | | |
| P2809 | P2809 | P2808 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 29.50 | 113 | 4.23 | 6.98 | 124.75 | 0.00 | 0.00 | 6.98 | 29.50 | 124.75 | | | | | |
| P2808 | P2808 | P2807 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 29.50 | 113 | 4.23 | 6.98 | 124.75 | 0.00 | 0.00 | 6.98 | 29.50 | 124.75 | | | | | |
| P2807 | P2807 | P2806 | I | | | | 16.53 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 165.30 | 194.80 | 749 | 3.88 | 50.24 | 755.32 | 0.00 | 0.00 | 50.24 | 194.80 | 755.32 | | | | | |
| P2806 | P2806 | P2805 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 194.80 | 749 | 3.88 | 50.24 | 755.32 | 0.00 | 0.00 | 50.24 | 194.80 | 755.32 | | | | | |
| P2805 | P2805 | P2804 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 194.80 | 749 | 3.88 | 50.24 | 755.32 | 0.00 | 0.00 | 50.24 | 194.80 | 755.32 | | | | | |
| P2804 | P2804 | P2803 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 194.80 | 749 | 3.88 | 50.24 | 755.32 | 0.00 | 0.00 | 50.24 | 194.80 | 755.32 | | | | | |
| P2803 | P2803 | P2802 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 194.80 | 749 | 3.88 | 50.24 | 755.32 | 0.00 | 0.00 | 50.24 | 194.80 | 755.32 | | | | | |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---------|----|----------|--|--|--|-----------|----|----|----|---------|----|----|----|-------|--|--|--|--|--|--------|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|-----|---------|------|------|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| P2257 | P2257 | P2235 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 219.96 | 846 | 3.85 | 57.20 | 845.89 | 0.00 | 32.99 | 90.19 | 252.95 | 878.88 |
| P2256 | P2256 | P2255 | R | R | P | | 1.36 | 0.99 | 0.41 | | 93.6 | 93.6 | 10.0 | 0.0 | 224.06 | 224.06 | 862 | 3.84 | 58.34 | 860.54 | 33.61 | 33.61 | 91.95 | 257.67 | 894.15 |
| P2255 | P2255 | P2254 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 224.06 | 862 | 3.84 | 58.34 | 860.54 | 0.00 | 33.61 | 91.95 | 257.67 | 894.15 |
| P2254 | P2254 | P2253 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 224.06 | 862 | 3.84 | 58.34 | 860.54 | 0.00 | 33.61 | 91.95 | 257.67 | 894.15 |
| P2253 | P2253 | P2252 | R | R | | | 0.8 | 0.29 | | | 93.6 | 93.6 | 0.0 | 0.0 | 102.02 | 326.08 | 1254 | 3.73 | 87.32 | 1217.74 | 15.30 | 48.91 | 136.23 | 374.99 | 1266.65 |
| P2252 | P2252 | P2251 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 326.08 | 1254 | 3.73 | 87.32 | 1217.74 | 0.00 | 48.91 | 136.23 | 374.99 | 1266.65 |
| P2251 | P2251 | P2250 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 326.08 | 1254 | 3.73 | 87.32 | 1217.74 | 0.00 | 48.91 | 136.23 | 374.99 | 1266.65 |
| P2250 | P2250 | P2249 | R | | | | 1.64 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 153.50 | 479.58 | 1845 | 3.61 | 132.75 | 1732.61 | 23.03 | 71.94 | 204.68 | 551.52 | 1804.55 |
| P2249 | P2249 | P2248 | R | | | | 0.55 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 51.48 | 531.06 | 2043 | 3.58 | 148.40 | 1900.44 | 7.72 | 79.66 | 228.06 | 610.72 | 1980.10 |
| P2248 | P2248 | P2229 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 531.06 | 2043 | 3.58 | 148.40 | 1900.44 | 0.00 | 79.66 | 228.06 | 610.72 | 1980.10 |
| P2247 | P2247 | P2246 | R | | | | 1.11 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 103.90 | 103.90 | 400 | 4.02 | 25.83 | 417.90 | 15.59 | 15.59 | 41.42 | 119.49 | 433.49 |
| P2246 | P2246 | P2245 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 103.90 | 400 | 4.02 | 25.83 | 417.90 | 0.00 | 15.59 | 41.42 | 119.49 | 433.49 |
| P2245 | P2245 | P2244 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 103.90 | 400 | 4.02 | 25.83 | 417.90 | 0.00 | 15.59 | 41.42 | 119.49 | 433.49 |
| P2244 | P2244 | P2226 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 103.90 | 400 | 4.02 | 25.83 | 417.90 | 0.00 | 15.59 | 41.42 | 119.49 | 433.49 |
| P2243 | P2243 | P2242 | R | S | S | | 1.65 | 1.23 | 1.35 | | 93.6 | 50.0 | 50.0 | 0.0 | 283.44 | 283.44 | 1090 | 3.78 | 75.07 | 1070.14 | 42.52 | 42.52 | 117.59 | 325.96 | 1112.66 |
| P2242 | P2242 | P2241 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 283.44 | 1090 | 3.78 | 75.07 | 1070.14 | 0.00 | 42.52 | 117.59 | 325.96 | 1112.66 |
| P2241 | P2241 | P2240 | S | | | | 1.35 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 67.50 | 350.94 | 1350 | 3.71 | 94.54 | 1302.75 | 10.13 | 52.64 | 147.18 | 403.58 | 1355.39 |
| P2240 | P2240 | P2239 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 350.94 | 1350 | 3.71 | 94.54 | 1302.75 | 0.00 | 52.64 | 147.18 | 403.58 | 1355.39 |
| P2239 | P2239 | P2238 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 350.94 | 1350 | 3.71 | 94.54 | 1302.75 | 0.00 | 52.64 | 147.18 | 403.58 | 1355.39 |
| P2238 | P2238 | P2237 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 350.94 | 1350 | 3.71 | 94.54 | 1302.75 | 0.00 | 52.64 | 147.18 | 403.58 | 1355.39 |
| P2237 | P2237 | P2236 | R | | | | 0.87 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 81.43 | 432.37 | 1663 | 3.65 | 118.56 | 1576.73 | 12.21 | 64.86 | 183.42 | 497.23 | 1641.59 |
| P2236 | P2236 | P2235 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 432.37 | 1663 | 3.65 | 118.56 | 1576.73 | 0.00 | 64.86 | 183.42 | 497.23 | 1641.59 |
| P2235 | P2235 | P2234 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 652.33 | 2509 | 3.51 | 186.00 | 2287.83 | 0.00 | 97.85 | 283.85 | 750.18 | 2385.68 |
| P2234 | P2234 | P2233 | R | | | | 1.24 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 116.06 | 768.39 | 2955 | 3.45 | 222.85 | 2649.39 | 17.41 | 115.26 | 338.11 | 883.65 | 2764.65 |
| P2233 | P2233 | P2232 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 768.39 | 2955 | 3.45 | 222.85 | 2649.39 | 0.00 | 115.26 | 338.11 | 883.65 | 2764.65 |
| P2232 | P2232 | P2231 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 768.39 | 2955 | 3.45 | 222.85 | 2649.39 | 0.00 | 115.26 | 338.11 | 883.65 | 2764.65 |
| P2231 | P2231 | P2230 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 768.39 | 2955 | 3.45 | 222.85 | 2649.39 | 0.00 | 115.26 | 338.11 | 883.65 | 2764.65 |
| P2230 | P2230 | P2229 | R | | | | 0.97 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 90.79 | 859.18 | 3305 | 3.41 | 252.23 | 2926.66 | 13.62 | 128.88 | 381.11 | 988.06 | 3055.54 |
| P2229 | P2229 | P2228 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1539.06 | 5919 | 3.18 | 484.54 | 4888.54 | 0.00 | 230.86 | 715.40 | 1769.92 | 5119.39 |
| P2228 | P2228 | P2227 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1539.06 | 5919 | 3.18 | 484.54 | 4888.54 | 0.00 | 230.86 | 715.40 | 1769.92 | 5119.39 |
| P2227 | P2227 | P2226 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1539.06 | 5919 | 3.18 | 484.54 | 4888.54 | 0.00 | 230.86 | 715.40 | 1769.92 | 5119.39 |
| P2226 | P2226 | P2225 | R | | | | 1.04 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 97.34 | 1740.30 | 6693 | 3.13 | 556.83 | 5439.08 | 14.60 | 261.05 | 817.87 | 2001.35 | 5700.13 |
| P2225 | P2225 | P2224 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1740.30 | 6693 | 3.13 | 556.83 | 5439.08 | 0.00 | 261.05 | 817.87 | 2001.35 | 5700.13 |
| P2224 | P2224 | P2223 | R | | | | 0.98 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 91.73 | 1832.03 | 7046 | 3.10 | 590.24 | 5686.37 | 13.76 | 274.80 | 865.05 | 2106.83 | 5961.17 |
| P2223 | P2223 | P2222 | P | | | | 5.7 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 57.00 | 1889.03 | 7266 | 3.09 | 611.15 | 5838.88 | 8.55 | 283.35 | 894.51 | 2172.38 | 6122.23 |
| P2222 | P2222 | P2221 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1889.03 | 7266 | 3.09 | 611.15 | 5838.88 | 0.00 | 283.35 | 894.51 | 2172.38 | 6122.23 |
| P2221 | P2221 | P2220 | B | | | | 0.75 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 70.20 | 1959.23 | 7536 | 3.08 | 637.03 | 6025.72 | 10.53 | 293.88 | 930.92 | 2253.11 | 6319.61 |
| P2220 | P2220 | P2219 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1959.23 | 7536 | 3.08 | 637.03 | 6025.72 | 0.00 | 293.88 | 930.92 | 2253.11 | 6319.61 |
| P2219 | P2219 | P2218 | B | | | | 0.75 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 70.20 | 2029.43 | 7806 | 3.06 | 663.07 | 6211.41 | 10.53 | 304.41 | 967.48 | 2333.84 | 6515.82 |
| P2218 | P2218 | P2217 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2029.43 | 7806 | 3.06 | 663.07 | 6211.41 | 0.00 | 304.41 | 967.48 | 2333.84 | 6515.82 |
| P2217 | P2217 | P2216 | B | | | | 0.76 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 71.14 | 2100.57 | 8079 | 3.05 | 689.60 | 6398.50 | 10.67 | 315.09 | 1004.68 | 2415.66 | 6713.59 |
| P2216 | P2216 | P2215 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2100.57 | 8079 | 3.05 | 689.60 | 6398.50 | 0.00 | 315.09 | 1004.68 | 2415.66 | 6713.59 |
| P2215 | P2215 | P2214 | B | | | | 0.52 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 48.67 | 2149.24 | 8266 | 3.04 | 707.84 | 6525.83 | 7.30 | 322.39 | 1030.22 | 2471.63 | 6848.22 |
| P2214 | P2214 | P2213 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2149.24 | 8266 | 3.04 | 707.84 | 6525.83 | 0.00 | 322.39 | 1030.22 | 2471.63 | 6848.22 |
| P2213 | P2213 | P2212 | B | E | | | 0.75 | 1.14 | | | 93.6 | 50.0 | 0.0 | 0.0 | 127.20 | 2276.44 | 8756 | 3.01 | 755.85 | 6856.11 | 19.08 | 341.47 | 1097.31 | 2617.91 | 7197.57 |
| P2212 | P2212 | P2211 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2276.44 | 8756 | 3.01 | 755.85 | 6856.11 | 0.00 | 341.47 | 1097.31 | 2617.91 | 7197.57 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---------|----|----------|--|--|--|-----------|----|----|----|---------|----|----|----|-------|--|--|--|--|--|--------|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|--|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | | |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) | |
| P1448 | P1448 | P1447 | B | B | | | 0.19 | 0.17 | | | 93.6 | 93.6 | 0.0 | 0.0 | 33.70 | 321.99 | 1238 | 3.74 | 86.13 | 1203.70 | 5.06 | 48.30 | 134.43 | 370.29 | 1251.99 | |
| P1447 | P1447 | P1446 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 321.99 | 1238 | 3.74 | 86.13 | 1203.70 | 0.00 | 48.30 | 134.43 | 370.29 | 1251.99 | |
| P1446 | P1446 | P1445 | B | B | B | | 0.17 | 0.23 | 0.33 | | 93.6 | 93.6 | 93.6 | 0.0 | 68.33 | 425.89 | 1638 | 3.65 | 116.63 | 1555.18 | 10.25 | 63.88 | 180.51 | 489.77 | 1619.06 | |
| P1445 | P1445 | P1444 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 425.89 | 1638 | 3.65 | 116.63 | 1555.18 | 0.00 | 63.88 | 180.51 | 489.77 | 1619.06 | |
| P1444 | P1444 | P1443 | R | B | B | | 0.8 | 0.23 | 0.33 | | 93.6 | 93.6 | 93.6 | 0.0 | 127.30 | 553.19 | 2128 | 3.56 | 155.19 | 1971.95 | 19.10 | 82.98 | 238.16 | 636.17 | 2054.92 | |
| P1443 | P1443 | P1442 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 553.19 | 2128 | 3.56 | 155.19 | 1971.95 | 0.00 | 82.98 | 238.16 | 636.17 | 2054.92 | |
| P1442 | P1442 | P1441 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 553.19 | 2128 | 3.56 | 155.19 | 1971.95 | 0.00 | 82.98 | 238.16 | 636.17 | 2054.92 | |
| P1441 | P1441 | P1440 | B | B | | | 0.66 | 1.45 | | | 93.6 | 93.6 | 0.0 | 0.0 | 197.50 | 750.69 | 2887 | 3.46 | 217.18 | 2594.78 | 29.63 | 112.60 | 329.78 | 863.29 | 2707.38 | |
| P1440 | P1440 | P1439 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 750.69 | 2887 | 3.46 | 217.18 | 2594.78 | 0.00 | 112.60 | 329.78 | 863.29 | 2707.38 | |
| P1439 | P1439 | P1438 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 750.69 | 2887 | 3.46 | 217.18 | 2594.78 | 0.00 | 112.60 | 329.78 | 863.29 | 2707.38 | |
| P1438 | P1438 | P1437 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 750.69 | 2887 | 3.46 | 217.18 | 2594.78 | 0.00 | 112.60 | 329.78 | 863.29 | 2707.38 | |
| P1437 | P1437 | P1436 | B | | | | 1.84 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 172.22 | 922.91 | 3550 | 3.38 | 273.11 | 3118.77 | 25.83 | 138.44 | 411.55 | 1061.35 | 3257.20 | |
| P1436 | P1436 | P1435 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 922.91 | 3550 | 3.38 | 273.11 | 3118.77 | 0.00 | 138.44 | 411.55 | 1061.35 | 3257.20 | |
| P1435 | P1435 | P1434 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 922.91 | 3550 | 3.38 | 273.11 | 3118.77 | 0.00 | 138.44 | 411.55 | 1061.35 | 3257.20 | |
| P1434 | P1434 | P1433 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 922.91 | 3550 | 3.38 | 273.11 | 3118.77 | 0.00 | 138.44 | 411.55 | 1061.35 | 3257.20 | |
| P1433 | P1433 | P1432 | B | B | | | 1.26 | 0.82 | | | 93.6 | 93.6 | 0.0 | 0.0 | 194.69 | 1117.60 | 4298 | 3.31 | 338.13 | 3693.92 | 29.20 | 167.64 | 505.77 | 1285.24 | 3861.56 | |
| P1432 | P1432 | P1431 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1117.60 | 4298 | 3.31 | 338.13 | 3693.92 | 0.00 | 167.64 | 505.77 | 1285.24 | 3861.56 | |
| P1431 | P1431 | P1430 | B | B | | | 1.78 | 0.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 180.65 | 1298.25 | 4993 | 3.25 | 400.01 | 4213.56 | 27.10 | 194.74 | 594.74 | 1492.99 | 4408.30 | |
| P1430 | P1430 | P14 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1298.25 | 4993 | 3.25 | 400.01 | 4213.56 | 0.00 | 194.74 | 594.74 | 1492.99 | 4408.30 | |
| P1429 | P1429 | P1422 | R | | | | 1.22 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 114.19 | 114.19 | 439 | 4.00 | 28.53 | 457.06 | 17.13 | 17.13 | 45.66 | 131.32 | 474.19 | |
| P1428 | P1428 | P1421 | R | | | | 0.47 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 43.99 | 43.99 | 169 | 4.17 | 10.54 | 183.61 | 6.60 | 6.60 | 17.14 | 50.59 | 190.20 | |
| P1427 | P1427 | P1426 | R | R | R | R | 1.5 | 0.64 | 1.07 | 0.76 | 93.6 | 93.6 | 93.6 | 93.6 | 371.59 | 371.59 | 1429 | 3.69 | 100.57 | 1372.91 | 55.74 | 55.74 | 156.31 | 427.33 | 1428.65 | |
| P1426 | P1426 | P1425 | P | | | | 0.58 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 5.80 | 377.39 | 1452 | 3.69 | 102.28 | 1392.47 | 0.87 | 56.61 | 158.89 | 434.00 | 1449.07 | |
| P1425 | P1425 | P1424 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 377.39 | 1452 | 3.69 | 102.28 | 1392.47 | 0.00 | 56.61 | 158.89 | 434.00 | 1449.07 | |
| P1424 | P1424 | P1423 | R | R | | | 0.65 | 0.57 | | | 93.6 | 93.6 | 0.0 | 0.0 | 114.19 | 491.58 | 1891 | 3.60 | 136.38 | 1771.94 | 17.13 | 73.74 | 210.11 | 565.32 | 1845.68 | |
| P1423 | P1423 | P1422 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 491.58 | 1891 | 3.60 | 136.38 | 1771.94 | 0.00 | 73.74 | 210.11 | 565.32 | 1845.68 | |
| P1422 | P1422 | P1421 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 605.77 | 2330 | 3.53 | 171.45 | 2140.35 | 0.00 | 90.87 | 262.31 | 696.64 | 2231.22 | |
| P1421 | P1421 | P1420 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 649.76 | 2499 | 3.51 | 185.19 | 2279.74 | 0.00 | 97.46 | 282.66 | 747.22 | 2377.21 | |
| P1420 | P1420 | P1419 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 649.76 | 2499 | 3.51 | 185.19 | 2279.74 | 0.00 | 97.46 | 282.66 | 747.22 | 2377.21 | |
| P1419 | P1419 | P1418 | R | | | | 1.36 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 127.30 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 19.10 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1418 | P1418 | P1417 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1417 | P1417 | P1416 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1416 | P1416 | P1415 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1415 | P1415 | P1414 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1414 | P1414 | P1413 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1413 | P1413 | P1412 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1412 | P1412 | P1411 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1411 | P1411 | P1410 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1410 | P1410 | P1409 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1409 | P1409 | P1408 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1408 | P1408 | P1407 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1407 | P1407 | P1406 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1406 | P1406 | P1405 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1405 | P1405 | P1404 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1404 | P1404 | P1403 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |
| P1403 | P1403 | P1402 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 | |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|-----|---------|------|------|-----|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| P1402 | P1402 | P1401 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 |
| P1401 | P1401 | P14 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.06 | 2989 | 3.44 | 225.64 | 2676.01 | 0.00 | 116.56 | 342.20 | 893.62 | 2792.57 |
| P1112 | P1112 | P1111 | R | R | | | 1.4 | 1.68 | | | 93.6 | 93.6 | 0.0 | 0.0 | 288.29 | 288.29 | 1109 | 3.77 | 76.46 | 1087.02 | 43.24 | 43.24 | 119.70 | 331.53 | 1130.26 |
| P1111 | P1111 | P1103 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 288.29 | 1109 | 3.77 | 76.46 | 1087.02 | 0.00 | 43.24 | 119.70 | 331.53 | 1130.26 |
| P1110 | P1110 | P1109 | B | B | | | 0.52 | 0.34 | | | 93.6 | 93.6 | 0.0 | 0.0 | 80.50 | 80.50 | 310 | 4.07 | 19.77 | 327.82 | 12.08 | 12.08 | 31.84 | 92.58 | 339.90 |
| P1109 | P1109 | P1108 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 80.50 | 310 | 4.07 | 19.77 | 327.82 | 0.00 | 12.08 | 31.84 | 92.58 | 339.90 |
| P1108 | P1108 | P1107 | R | R | | | 0.89 | 0.86 | | | 93.6 | 93.6 | 0.0 | 0.0 | 163.80 | 244.30 | 940 | 3.82 | 64.00 | 932.53 | 24.57 | 36.65 | 100.65 | 280.95 | 969.18 |
| P1107 | P1107 | P1106 | R | | | | 0.77 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 72.07 | 316.37 | 1217 | 3.74 | 84.51 | 1184.30 | 10.81 | 47.46 | 131.97 | 363.83 | 1231.75 |
| P1106 | P1106 | P1105 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 316.37 | 1217 | 3.74 | 84.51 | 1184.30 | 0.00 | 47.46 | 131.97 | 363.83 | 1231.75 |
| P1105 | P1105 | P1104 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 316.37 | 1217 | 3.74 | 84.51 | 1184.30 | 0.00 | 47.46 | 131.97 | 363.83 | 1231.75 |
| P1104 | P1104 | P1103 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 316.37 | 1217 | 3.74 | 84.51 | 1184.30 | 0.00 | 47.46 | 131.97 | 363.83 | 1231.75 |
| P1103 | P1103 | P1102 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 604.66 | 2326 | 3.53 | 171.10 | 2136.80 | 0.00 | 90.70 | 261.80 | 695.36 | 2227.50 |
| P1102 | P1102 | P1101 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 604.66 | 2326 | 3.53 | 171.10 | 2136.80 | 0.00 | 90.70 | 261.80 | 695.36 | 2227.50 |
| P1101 | P1101 | P11 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 604.66 | 2326 | 3.53 | 171.10 | 2136.80 | 0.00 | 90.70 | 261.80 | 695.36 | 2227.50 |
| P0906 | P0906 | P0905 | R | R | R | | 0.92 | 0.23 | 1.01 | | 93.6 | 93.6 | 93.6 | 0.0 | 202.18 | 202.18 | 778 | 3.87 | 52.27 | 781.96 | 30.33 | 30.33 | 82.60 | 232.51 | 812.29 |
| P0905 | P0905 | P0904 | P | | | | 0.21 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 2.10 | 204.28 | 786 | 3.86 | 52.85 | 789.54 | 0.32 | 30.64 | 83.50 | 234.92 | 820.18 |
| P0904 | P0904 | P0903 | E | | | | 0.24 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 12.00 | 216.28 | 832 | 3.85 | 56.18 | 832.70 | 1.80 | 32.44 | 88.62 | 248.72 | 865.14 |
| P0903 | P0903 | P0902 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 216.28 | 832 | 3.85 | 56.18 | 832.70 | 0.00 | 32.44 | 88.62 | 248.72 | 865.14 |
| P0902 | P0902 | P0901 | R | | | | 0.59 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 55.22 | 271.50 | 1044 | 3.79 | 71.68 | 1028.41 | 8.28 | 40.73 | 112.40 | 312.23 | 1069.13 |
| P0901 | P0901 | P09 | R | | | | 1.39 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 130.10 | 401.60 | 1545 | 3.67 | 109.42 | 1473.97 | 19.52 | 60.24 | 169.66 | 461.84 | 1534.21 |
| P0411 | P0411 | P0410 | R | R | | | 0.64 | 2.42 | | | 93.6 | 93.6 | 0.0 | 0.0 | 286.42 | 286.42 | 1102 | 3.77 | 75.92 | 1080.49 | 42.96 | 42.96 | 118.89 | 329.38 | 1123.46 |
| P0410 | P0410 | P0409 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 286.42 | 1102 | 3.77 | 75.92 | 1080.49 | 0.00 | 42.96 | 118.89 | 329.38 | 1123.46 |
| P0409 | P0409 | P0408 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 286.42 | 1102 | 3.77 | 75.92 | 1080.49 | 0.00 | 42.96 | 118.89 | 329.38 | 1123.46 |
| P0408 | P0408 | P0407 | R | R | | | 0.64 | 1.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 167.54 | 453.96 | 1746 | 3.63 | 125.03 | 1648.29 | 25.13 | 68.09 | 193.12 | 522.05 | 1716.38 |
| P0407 | P0407 | P0406 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 453.96 | 1746 | 3.63 | 125.03 | 1648.29 | 0.00 | 68.09 | 193.12 | 522.05 | 1716.38 |
| P0406 | P0406 | P0405 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 453.96 | 1746 | 3.63 | 125.03 | 1648.29 | 0.00 | 68.09 | 193.12 | 522.05 | 1716.38 |
| P0405 | P0405 | P0404 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 453.96 | 1746 | 3.63 | 125.03 | 1648.29 | 0.00 | 68.09 | 193.12 | 522.05 | 1716.38 |
| P0404 | P0404 | P0403 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 453.96 | 1746 | 3.63 | 125.03 | 1648.29 | 0.00 | 68.09 | 193.12 | 522.05 | 1716.38 |
| P0403 | P0403 | P0402 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 453.96 | 1746 | 3.63 | 125.03 | 1648.29 | 0.00 | 68.09 | 193.12 | 522.05 | 1716.38 |
| P0402 | P0402 | P0401 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 453.96 | 1746 | 3.63 | 125.03 | 1648.29 | 0.00 | 68.09 | 193.12 | 522.05 | 1716.38 |
| P0401 | P0401 | P04 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 453.96 | 1746 | 3.63 | 125.03 | 1648.29 | 0.00 | 68.09 | 193.12 | 522.05 | 1716.38 |
| P61 | P61 | P60 | R | | | | 1.6 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 149.76 | 710.66 | 2733 | 3.48 | 204.42 | 2470.60 | 22.46 | 106.60 | 311.02 | 817.26 | 2577.20 |
| P60 | P60 | P59 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 710.66 | 2733 | 3.48 | 204.42 | 2470.60 | 0.00 | 106.60 | 311.02 | 817.26 | 2577.20 |
| P59 | P59 | P58 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 710.66 | 2733 | 3.48 | 204.42 | 2470.60 | 0.00 | 106.60 | 311.02 | 817.26 | 2577.20 |
| P58 | P58 | P57 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 710.66 | 2733 | 3.48 | 204.42 | 2470.60 | 0.00 | 106.60 | 311.02 | 817.26 | 2577.20 |
| P57 | P57 | P56 | R | | | | 0.68 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 63.65 | 2006.24 | 7716 | 3.07 | 654.44 | 6150.28 | 9.55 | 300.94 | 955.38 | 2307.18 | 6451.22 |
| P56 | P56 | P55 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2006.24 | 7716 | 3.07 | 654.44 | 6150.28 | 0.00 | 300.94 | 955.38 | 2307.18 | 6451.22 |
| P55 | P55 | P54 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2006.24 | 7716 | 3.07 | 654.44 | 6150.28 | 0.00 | 300.94 | 955.38 | 2307.18 | 6451.22 |
| P54 | P54 | P53 | R | | | | 0.98 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 91.73 | 2097.97 | 8069 | 3.05 | 688.63 | 6391.68 | 13.76 | 314.70 | 1003.32 | 2412.67 | 6706.38 |
| P53 | P53 | P52 | P | | | | 3.12 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 31.20 | 2299.52 | 8844 | 3.01 | 764.60 | 6915.78 | 4.68 | 344.93 | 1109.53 | 2644.45 | 7260.71 |
| P52 | P52 | P51 | R | | | | 2.03 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 190.01 | 2489.53 | 9575 | 2.97 | 837.27 | 7402.37 | 28.50 | 373.43 | 1210.70 | 2862.96 | 7775.80 |
| P51 | P51 | P50 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2489.53 | 9575 | 2.97 | 837.27 | 7402.37 | 0.00 | 373.43 | 1210.70 | 2862.96 | 7775.80 |
| P50 | P50 | P49 | S | | | | 1.23 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 61.50 | 2551.03 | 9812 | 2.96 | 861.00 | 7558.37 | 9.23 | 382.65 | 1243.65 | 2933.68 | 7941.03 |
| P49 | P49 | P48 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2551.03 | 9812 | 2.96 | 861.00 | 7558.37 | 0.00 | 382.65 | 1243.65 | 2933.68 | 7941.03 |
| P48 | P48 | P47 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2878.63 | 11072 | 2.91 | 989.01 | 8378.60 | 0.00 | 431.79 | 1420.80 | 3310.42 | 8810.39 |
| P47 | P47 | P46 | R | S | | | 1.24 | 1.23 | | | 93.6 | 50.0 | 0.0 | 0.0 | 177.56 | 3056.19 | 11755 | 2.88 | 1059.48 | 8815.94 | 26.63 | 458.43 | 1517.91 | 3514.62 | 9274.37 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---------|----|----------|--|--|--|-----------|----|----|----|---------|----|----|----|-------|--|--|--|--|--|--------|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人孔編號 | | 土地類別(A) | | | | 土地面積(ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|-------|-------|---------|-----|-----|-----|----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| G2601 | G2601 | G26 | R | S | | | 0.47 | 1.51 | | | 93.6 | 50.0 | 0.0 | 0.0 | 119.49 | 119.49 | 460 | 3.99 | 29.93 | 477.07 | 17.92 | 17.92 | 47.85 | 137.41 | 495.00 |
| G2501 | G2501 | G25 | R | R | I | | 0.37 | 0.23 | 1.39 | | 93.6 | 93.6 | 10.0 | 0.0 | 70.06 | 70.06 | 269 | 4.10 | 17.10 | 287.12 | 8.42 | 8.42 | 25.52 | 78.48 | 295.55 |
| G2302 | G2302 | G2301 | R | R | R | I | 0.28 | 0.29 | 0.23 | 1.39 | 93.6 | 93.6 | 93.6 | 10.0 | 88.78 | 88.78 | 341 | 4.05 | 21.90 | 359.93 | 11.23 | 11.23 | 33.13 | 100.01 | 371.16 |
| G2301 | G2301 | G23 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 88.78 | 341 | 4.05 | 21.90 | 359.93 | 0.00 | 11.23 | 33.13 | 100.01 | 371.16 |
| G2003 | G2003 | G2002 | R | R | R | I | 0.18 | 0.29 | 0.28 | 1.39 | 93.6 | 93.6 | 93.6 | 10.0 | 84.10 | 84.10 | 323 | 4.06 | 20.69 | 341.83 | 10.53 | 10.53 | 31.22 | 94.63 | 352.36 |
| G2002 | G2002 | G2001 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 84.10 | 323 | 4.06 | 20.69 | 341.83 | 0.00 | 10.53 | 31.22 | 94.63 | 352.36 |
| G2001 | G2001 | G20 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 84.10 | 323 | 4.06 | 20.69 | 341.83 | 0.00 | 10.53 | 31.22 | 94.63 | 352.36 |
| G1807 | G1807 | G1806 | R | R | | | 0.62 | 0.18 | | | 93.6 | 93.6 | 0.0 | 0.0 | 74.88 | 74.88 | 288 | 4.09 | 18.33 | 305.96 | 11.23 | 11.23 | 29.56 | 86.11 | 317.19 |
| G1806 | G1806 | G1805 | R | | | | 0.19 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 17.78 | 92.66 | 356 | 4.05 | 22.90 | 374.87 | 2.67 | 13.90 | 36.80 | 106.56 | 388.77 |
| G1805 | G1805 | G18 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 92.66 | 356 | 4.05 | 22.90 | 374.87 | 0.00 | 13.90 | 36.80 | 106.56 | 388.77 |
| G1804 | G1804 | G1803 | I | S | | | 3.58 | 1.11 | | | 10.0 | 50.0 | 0.0 | 0.0 | 91.30 | 91.30 | 351 | 4.05 | 22.55 | 369.63 | 8.33 | 8.33 | 30.88 | 99.63 | 377.95 |
| G1803 | G1803 | G1802 | R | R | | | 0.2 | 0.20 | | | 93.6 | 93.6 | 0.0 | 0.0 | 37.44 | 128.74 | 495 | 3.98 | 32.38 | 511.93 | 5.62 | 13.94 | 46.32 | 142.68 | 525.87 |
| G1802 | G1802 | G1801 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 128.74 | 495 | 3.98 | 32.38 | 511.93 | 0.00 | 13.94 | 46.32 | 142.68 | 525.87 |
| G1801 | G1801 | G18 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 128.74 | 495 | 3.98 | 32.38 | 511.93 | 0.00 | 13.94 | 46.32 | 142.68 | 525.87 |
| G1602 | G1602 | G1601 | R | R | R | | 0.25 | 0.20 | 0.20 | | 93.6 | 93.6 | 93.6 | 0.0 | 60.84 | 60.84 | 234 | 4.12 | 14.76 | 250.81 | 9.13 | 9.13 | 23.88 | 69.97 | 259.93 |
| G1601 | G1601 | G16 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 60.84 | 234 | 4.12 | 14.76 | 250.81 | 0.00 | 9.13 | 23.88 | 69.97 | 259.93 |
| G1203 | G1203 | G1202 | R | | | | 0.46 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 43.06 | 43.06 | 166 | 4.18 | 10.31 | 179.84 | 6.46 | 6.46 | 16.77 | 49.52 | 186.30 |
| G1202 | G1202 | G1201 | R | R | R | | 0.33 | 0.38 | 0.32 | | 93.6 | 93.6 | 93.6 | 0.0 | 96.41 | 139.47 | 536 | 3.96 | 35.23 | 552.09 | 14.46 | 20.92 | 56.15 | 160.39 | 573.01 |
| G1201 | G1201 | G12 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 139.47 | 536 | 3.96 | 35.23 | 552.09 | 0.00 | 20.92 | 56.15 | 160.39 | 573.01 |
| G0706 | G0706 | G0705 | R | R | | | 0.28 | 0.21 | | | 93.6 | 93.6 | 0.0 | 0.0 | 45.86 | 45.86 | 176 | 4.17 | 11.00 | 191.13 | 6.88 | 6.88 | 17.88 | 52.74 | 198.01 |
| G0705 | G0705 | G0704 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 45.86 | 176 | 4.17 | 11.00 | 191.13 | 0.00 | 6.88 | 17.88 | 52.74 | 198.01 |
| G0704 | G0704 | G0703 | R | | | | 0.5 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 46.80 | 92.66 | 356 | 4.05 | 22.90 | 374.87 | 7.02 | 13.90 | 36.80 | 106.56 | 388.77 |
| G0703 | G0703 | G0702 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 92.66 | 356 | 4.05 | 22.90 | 374.87 | 0.00 | 13.90 | 36.80 | 106.56 | 388.77 |
| G0702 | G0702 | G0701 | R | R | R | | 0.25 | 0.50 | 0.21 | | 93.6 | 93.6 | 93.6 | 0.0 | 89.86 | 182.52 | 702 | 3.89 | 46.87 | 710.70 | 13.48 | 27.38 | 74.25 | 209.90 | 738.08 |
| G0701 | G0701 | G07 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 182.52 | 702 | 3.89 | 46.87 | 710.70 | 0.00 | 27.38 | 74.25 | 209.90 | 738.08 |
| G0503 | G0503 | G0502 | R | R | I | | 0.32 | 0.25 | 3.58 | | 93.6 | 93.6 | 10.0 | 0.0 | 89.15 | 89.15 | 343 | 4.05 | 22.00 | 361.32 | 8.00 | 8.00 | 30.00 | 97.15 | 369.33 |
| G0502 | G0502 | G0501 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 89.15 | 343 | 4.05 | 22.00 | 361.32 | 0.00 | 8.00 | 30.00 | 97.15 | 369.33 |
| G0501 | G0501 | G05 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 89.15 | 343 | 4.05 | 22.00 | 361.32 | 0.00 | 8.00 | 30.00 | 97.15 | 369.33 |
| G29 | G29 | G28 | R | R | | | 0.37 | 0.47 | | | 93.6 | 93.6 | 0.0 | 0.0 | 78.62 | 78.62 | 302 | 4.08 | 19.28 | 320.55 | 11.79 | 11.79 | 31.08 | 90.41 | 332.34 |
| G28 | G28 | G27 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 78.62 | 302 | 4.08 | 19.28 | 320.55 | 0.00 | 11.79 | 31.08 | 90.41 | 332.34 |
| G27 | G27 | G26 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 78.62 | 302 | 4.08 | 19.28 | 320.55 | 0.00 | 11.79 | 31.08 | 90.41 | 332.34 |
| G26 | G26 | G25 | R | R | | | 0.37 | 0.47 | | | 93.6 | 93.6 | 0.0 | 0.0 | 78.62 | 276.73 | 1064 | 3.78 | 73.16 | 1046.72 | 11.79 | 41.51 | 114.67 | 318.24 | 1088.23 |
| G25 | G25 | G24 | R | S | | | 0.23 | 1.51 | | | 93.6 | 50.0 | 0.0 | 0.0 | 97.03 | 443.82 | 1707 | 3.64 | 121.99 | 1614.73 | 14.55 | 64.49 | 186.47 | 508.31 | 1679.22 |
| G24 | G24 | G23 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 443.82 | 1707 | 3.64 | 121.99 | 1614.73 | 0.00 | 64.49 | 186.47 | 508.31 | 1679.22 |
| G23 | G23 | G22 | R | R | | | 0.29 | 0.23 | | | 93.6 | 93.6 | 0.0 | 0.0 | 48.67 | 581.27 | 2236 | 3.55 | 163.85 | 2062.12 | 7.30 | 83.02 | 246.87 | 664.29 | 2145.15 |
| G22 | G22 | G21 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 581.27 | 2236 | 3.55 | 163.85 | 2062.12 | 0.00 | 83.02 | 246.87 | 664.29 | 2145.15 |
| G21 | G21 | G20 | S | S | | | 1.51 | 1.11 | | | 50.0 | 50.0 | 0.0 | 0.0 | 131.00 | 712.27 | 2740 | 3.48 | 204.94 | 2475.53 | 19.65 | 102.67 | 307.61 | 814.94 | 2578.20 |
| G20 | G20 | G19 | R | R | | | 0.18 | 0.29 | | | 93.6 | 93.6 | 0.0 | 0.0 | 43.99 | 840.36 | 3232 | 3.41 | 246.10 | 2869.59 | 6.60 | 119.80 | 365.90 | 960.16 | 2989.39 |
| G19 | G19 | G18 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 840.36 | 3232 | 3.41 | 246.10 | 2869.59 | 0.00 | 119.80 | 365.90 | 960.16 | 2989.39 |
| G18 | G18 | G17 | R | R | R | S | 0.2 | 0.19 | 0.18 | 1.11 | 93.6 | 93.6 | 93.6 | 50.0 | 108.85 | 1170.61 | 4502 | 3.29 | 356.14 | 3847.69 | 16.33 | 163.97 | 520.11 | 1334.58 | 4011.66 |
| G17 | G17 | G16 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1170.61 | 4502 | 3.29 | 356.14 | 3847.69 | 0.00 | 163.97 | 520.11 | 1334.58 | 4011.66 |
| G16 | G16 | G15 | R | R | R | P | 0.25 | 0.20 | 0.19 | 0.75 | 93.6 | 93.6 | 93.6 | 10.0 | 67.40 | 1298.85 | 4996 | 3.25 | 400.22 | 4215.19 | 10.11 | 183.20 | 583.42 | 1482.05 | 4398.39 |
| G15 | G15 | G14 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1298.85 | 4996 | 3.25 | 400.22 | 4215.19 | 0.00 | 183.20 | 583.42 | 1482.05 | 4398.39 |
| G14 | G14 | G13 | R | R | R | | 0.33 | 0.50 | 0.25 | | 93.6 | 93.6 | 93.6 | 0.0 | 101.09 | 1399.94 | 5384 | 3.22 | 435.43 | 4500.90 | 15.16 | 198.37 | 633.80 | 1598.31 | 4699.27 |
| G13 | G13 | G12 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1399.94 | 5384 | 3.22 | 435.43 | 4500.90 | 0.00 | 198.37 | 633.80 | 1598.31 | 4699.27 |
| G12 | G12 | G11 | R | R | | | 0.25 | 0.50 | | | 93.6 | 93.6 | 0.0 | 0.0 | 70.20 | 1609.61 | 6191 | 3.16 | 509.73 | 5082.78 | 10.53 | 229.82 | 739.55 | 1839.43 | 5312.60 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| G11 | G11 | G10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1609.61 | 6191 | 3.16 | 509.73 | 5082.78 | 0.00 | 229.82 | 739.55 | 1839.43 | 5312.60 |
| G10 | G10 | G09 | R | R | R | R | 0.25 | 0.21 | 0.27 | 0.33 | 93.6 | 93.6 | 93.6 | 93.6 | 99.22 | 1708.83 | 6572 | 3.13 | 545.43 | 5353.73 | 14.88 | 244.70 | 790.13 | 1953.53 | 5598.43 |
| G09 | G09 | G08 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1708.83 | 6572 | 3.13 | 545.43 | 5353.73 | 0.00 | 244.70 | 790.13 | 1953.53 | 5598.43 |
| G08 | G08 | G07 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1708.83 | 6572 | 3.13 | 545.43 | 5353.73 | 0.00 | 244.70 | 790.13 | 1953.53 | 5598.43 |
| G07 | G07 | G06 | R | R | R | R | 0.25 | 0.21 | 0.25 | 0.58 | 93.6 | 93.6 | 93.6 | 93.6 | 120.74 | 2012.09 | 7739 | 3.06 | 656.62 | 6165.68 | 18.11 | 290.19 | 946.81 | 2302.28 | 6455.87 |
| G06 | G06 | G05 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2012.09 | 7739 | 3.06 | 656.62 | 6165.68 | 0.00 | 290.19 | 946.81 | 2302.28 | 6455.87 |
| G05 | G05 | G04 | R | R | | | 0.25 | 0.54 | | | 93.6 | 93.6 | 0.0 | 0.0 | 73.94 | 2175.18 | 8366 | 3.03 | 717.59 | 6593.45 | 11.09 | 309.28 | 1026.87 | 2484.46 | 6902.73 |
| G04 | G04 | G03 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2175.18 | 8366 | 3.03 | 717.59 | 6593.45 | 0.00 | 309.28 | 1026.87 | 2484.46 | 6902.73 |
| G03 | G03 | G02 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2175.18 | 8366 | 3.03 | 717.59 | 6593.45 | 0.00 | 309.28 | 1026.87 | 2484.46 | 6902.73 |
| G02 | G02 | G01 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2175.18 | 8366 | 3.03 | 717.59 | 6593.45 | 0.00 | 309.28 | 1026.87 | 2484.46 | 6902.73 |
| G01 | G01 | A37 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2175.18 | 8366 | 3.03 | 717.59 | 6593.45 | 0.00 | 309.28 | 1026.87 | 2484.46 | 6902.73 |
| F1607 | F1607 | F1606 | R | R | | | 0.33 | 0.64 | | | 93.6 | 93.6 | 0.0 | 0.0 | 90.79 | 90.79 | 349 | 4.05 | 22.42 | 367.66 | 13.62 | 13.62 | 36.04 | 104.41 | 381.28 |
| F1606 | F1606 | F1605 | R | | | | 0.35 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 32.76 | 123.55 | 475 | 3.99 | 31.00 | 492.42 | 4.91 | 18.53 | 49.53 | 142.08 | 510.95 |
| F1605 | F1605 | F1604 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 123.55 | 475 | 3.99 | 31.00 | 492.42 | 0.00 | 18.53 | 49.53 | 142.08 | 510.95 |
| F1604 | F1604 | F1603 | R | | | | 0.35 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 32.76 | 156.31 | 601 | 3.93 | 39.76 | 614.58 | 4.91 | 23.45 | 63.20 | 179.76 | 638.02 |
| F1603 | F1603 | F1602 | R | | | | 0.82 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 76.75 | 233.06 | 896 | 3.83 | 60.85 | 892.68 | 11.51 | 34.96 | 95.81 | 268.02 | 927.64 |
| F1602 | F1602 | F1601 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 233.06 | 896 | 3.83 | 60.85 | 892.68 | 0.00 | 34.96 | 95.81 | 268.02 | 927.64 |
| F1601 | F1601 | F16 | R | R | R | | 0.82 | 0.45 | 0.19 | | 93.6 | 93.6 | 93.6 | 0.0 | 136.66 | 369.72 | 1422 | 3.70 | 100.03 | 1366.56 | 20.50 | 55.46 | 155.48 | 425.18 | 1422.02 |
| F1303 | F1303 | F1302 | R | R | R | | 0.31 | 0.30 | 0.25 | | 93.6 | 93.6 | 93.6 | 0.0 | 80.50 | 80.50 | 310 | 4.07 | 19.77 | 327.82 | 12.08 | 12.08 | 31.84 | 92.58 | 339.90 |
| F1302 | F1302 | F1301 | R | | | | 0.3 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 28.08 | 108.58 | 418 | 4.01 | 27.06 | 435.73 | 4.21 | 16.29 | 43.34 | 124.87 | 452.02 |
| F1301 | F1301 | F13 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 108.58 | 418 | 4.01 | 27.06 | 435.73 | 0.00 | 16.29 | 43.34 | 124.87 | 452.02 |
| F1004 | F1004 | F1003 | R | S | | | 0.4 | 0.93 | | | 93.6 | 50.0 | 0.0 | 0.0 | 83.94 | 83.94 | 323 | 4.06 | 20.65 | 341.18 | 12.59 | 12.59 | 33.24 | 96.53 | 353.77 |
| F1003 | F1003 | F1002 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 83.94 | 323 | 4.06 | 20.65 | 341.18 | 0.00 | 12.59 | 33.24 | 96.53 | 353.77 |
| F1002 | F1002 | F1001 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 83.94 | 323 | 4.06 | 20.65 | 341.18 | 0.00 | 12.59 | 33.24 | 96.53 | 353.77 |
| F1001 | F1001 | F10 | R | | | | 0.4 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 37.44 | 121.38 | 467 | 3.99 | 30.43 | 484.22 | 5.62 | 18.21 | 48.63 | 139.59 | 502.43 |
| F0806 | F0806 | F0805 | R | R | S | | 0.75 | 0.15 | 0.93 | | 93.6 | 93.6 | 50.0 | 0.0 | 130.74 | 130.74 | 503 | 3.97 | 32.91 | 519.42 | 19.61 | 19.61 | 52.52 | 150.35 | 539.03 |
| F0805 | F0805 | F0804 | R | | | | 0.15 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 14.04 | 144.78 | 557 | 3.95 | 36.66 | 571.83 | 2.11 | 21.72 | 58.37 | 166.50 | 593.55 |
| F0804 | F0804 | F08 | R | | | | 0.33 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 30.89 | 175.67 | 676 | 3.90 | 45.01 | 685.68 | 4.63 | 26.35 | 71.36 | 202.02 | 712.03 |
| F0803 | F0803 | F0802 | R | R | R | S | 0.58 | 0.33 | 0.80 | 2.16 | 93.6 | 93.6 | 93.6 | 50.0 | 268.06 | 268.06 | 1031 | 3.79 | 70.70 | 1016.33 | 40.21 | 40.21 | 110.91 | 308.27 | 1056.54 |
| F0802 | F0802 | F0801 | R | | | | 0.33 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 30.89 | 298.95 | 1150 | 3.76 | 79.51 | 1124.07 | 4.63 | 44.84 | 124.35 | 343.79 | 1168.91 |
| F0801 | F0801 | F08 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 298.95 | 1150 | 3.76 | 79.51 | 1124.07 | 0.00 | 44.84 | 124.35 | 343.79 | 1168.91 |
| F0604 | F0604 | F0603 | R | R | | | 0.43 | 0.50 | | | 93.6 | 93.6 | 0.0 | 0.0 | 87.05 | 87.05 | 335 | 4.06 | 21.45 | 353.21 | 13.06 | 13.06 | 34.51 | 100.11 | 366.27 |
| F0603 | F0603 | F0602 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 87.05 | 335 | 4.06 | 21.45 | 353.21 | 0.00 | 13.06 | 34.51 | 100.11 | 366.27 |
| F0602 | F0602 | F0601 | R | | | | 0.5 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 46.80 | 133.85 | 515 | 3.97 | 33.74 | 531.06 | 7.02 | 20.08 | 53.81 | 153.93 | 551.14 |
| F0601 | F0601 | F06 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 133.85 | 515 | 3.97 | 33.74 | 531.06 | 0.00 | 20.08 | 53.81 | 153.93 | 551.14 |
| F0408 | F0408 | F0407 | R | | | | 0.37 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 34.63 | 34.63 | 133 | 4.21 | 8.23 | 145.71 | 5.19 | 5.19 | 13.42 | 39.82 | 150.90 |
| F0407 | F0407 | F0402 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 34.63 | 133 | 4.21 | 8.23 | 145.71 | 0.00 | 5.19 | 13.42 | 39.82 | 150.90 |
| F0406 | F0406 | F0405 | R | R | R | | 0.3 | 0.25 | 0.30 | | 93.6 | 93.6 | 93.6 | 0.0 | 79.56 | 79.56 | 306 | 4.07 | 19.52 | 324.19 | 11.93 | 11.93 | 31.46 | 91.49 | 336.12 |
| F0405 | F0405 | F0404 | R | R | | | 0.3 | 0.25 | | | 93.6 | 93.6 | 0.0 | 0.0 | 51.48 | 131.04 | 504 | 3.97 | 32.99 | 520.55 | 7.72 | 19.66 | 52.64 | 150.70 | 540.21 |
| F0404 | F0404 | F0403 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 131.04 | 504 | 3.97 | 32.99 | 520.55 | 0.00 | 19.66 | 52.64 | 150.70 | 540.21 |
| F0403 | F0403 | F0402 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 131.04 | 504 | 3.97 | 32.99 | 520.55 | 0.00 | 19.66 | 52.64 | 150.70 | 540.21 |
| F0402 | F0402 | F0401 | R | R | R | | 0.43 | 0.37 | 0.28 | | 93.6 | 93.6 | 93.6 | 0.0 | 101.09 | 266.76 | 1026 | 3.79 | 70.33 | 1011.76 | 15.16 | 40.01 | 110.35 | 306.77 | 1051.78 |
| F0401 | F0401 | F04 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 266.76 | 1026 | 3.79 | 70.33 | 1011.76 | 0.00 | 40.01 | 110.35 | 306.77 | 1051.78 |
| F24 | F24 | A27 | R | R | R | | 1.45 | 0.30 | 0.40 | | 93.6 | 93.6 | 93.6 | 0.0 | 201.24 | 201.24 | 774 | 3.87 | 52.01 | 778.59 | 30.19 | 30.19 | 82.20 | 231.43 | 808.78 |
| F23 | F23 | F22 | R | R | R | R | 0.35 | 0.22 | 0.26 | 0.09 | 93.6 | 93.6 | 93.6 | 93.6 | 86.11 | 86.11 | 331 | 4.06 | 21.21 | 349.60 | 12.92 | 12.92 | 34.13 | 99.03 | 362.51 |
| F22 | F22 | F21 | R | R | | | 0.09 | 0.21 | | | 93.6 | 93.6 | 0.0 | 0.0 | 28.08 | 114.19 | 439 | 4.00 | 28.53 | 457.06 | 4.21 | 17.13 | 45.66 | 131.32 | 474.19 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| F21 | F21 | F20 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 114.19 | 439 | 4.00 | 28.53 | 457.06 | 0.00 | 17.13 | 45.66 | 131.32 | 474.19 |
| F20 | F20 | F19 | R | R | R | R | 0.33 | 0.35 | 0.21 | 0.4 | 93.6 | 93.6 | 93.6 | 93.6 | 120.74 | 234.93 | 904 | 3.83 | 61.37 | 899.27 | 18.11 | 35.24 | 96.61 | 270.17 | 934.51 |
| F19 | F19 | F18 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 234.93 | 904 | 3.83 | 61.37 | 899.27 | 0.00 | 35.24 | 96.61 | 270.17 | 934.51 |
| F18 | F18 | F17 | R | | | | 0.4 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 37.44 | 272.37 | 1048 | 3.79 | 71.93 | 1031.41 | 5.62 | 40.86 | 112.78 | 313.23 | 1072.26 |
| F17 | F17 | F16 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 272.37 | 1048 | 3.79 | 71.93 | 1031.41 | 0.00 | 40.86 | 112.78 | 313.23 | 1072.26 |
| F16 | F16 | F15 | R | R | | | 0.31 | 0.19 | | | 93.6 | 93.6 | 0.0 | 0.0 | 46.80 | 688.89 | 2650 | 3.49 | 197.52 | 2402.58 | 7.02 | 103.33 | 300.86 | 792.22 | 2505.92 |
| F15 | F15 | F14 | R | R | | | 0.31 | 0.19 | | | 93.6 | 93.6 | 0.0 | 0.0 | 46.80 | 735.69 | 2830 | 3.46 | 212.39 | 2548.29 | 7.02 | 110.35 | 322.75 | 846.04 | 2658.64 |
| F14 | F14 | F13 | R | R | | | 0.31 | 0.37 | | | 93.6 | 93.6 | 0.0 | 0.0 | 63.65 | 799.34 | 3074 | 3.43 | 232.81 | 2744.45 | 9.55 | 119.90 | 352.71 | 919.24 | 2864.35 |
| F13 | F13 | F12 | R | R | | | 0.25 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 51.48 | 959.40 | 3690 | 3.36 | 285.15 | 3227.89 | 7.72 | 143.91 | 429.06 | 1103.31 | 3371.80 |
| F12 | F12 | F11 | R | R | R | | 0.37 | 0.40 | 0.25 | | 93.6 | 93.6 | 93.6 | 0.0 | 95.47 | 1054.87 | 4057 | 3.33 | 316.98 | 3510.42 | 14.32 | 158.23 | 475.22 | 1213.10 | 3668.65 |
| F11 | F11 | F10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1054.87 | 4057 | 3.33 | 316.98 | 3510.42 | 0.00 | 158.23 | 475.22 | 1213.10 | 3668.65 |
| F10 | F10 | F09 | R | S | | | 0.37 | 0.93 | | | 93.6 | 50.0 | 0.0 | 0.0 | 81.13 | 1257.38 | 4836 | 3.26 | 385.89 | 4097.04 | 12.17 | 188.61 | 574.50 | 1445.99 | 4285.65 |
| F09 | F09 | F08 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1257.38 | 4836 | 3.26 | 385.89 | 4097.04 | 0.00 | 188.61 | 574.50 | 1445.99 | 4285.65 |
| F08 | F08 | F07 | R | S | | | 0.58 | 0.93 | | | 93.6 | 50.0 | 0.0 | 0.0 | 100.79 | 1832.79 | 7049 | 3.10 | 590.52 | 5688.40 | 15.12 | 274.92 | 865.44 | 2107.71 | 5963.32 |
| F07 | F07 | F06 | R | | | | 0.58 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 54.29 | 1887.08 | 7258 | 3.09 | 610.43 | 5833.73 | 8.14 | 283.06 | 893.49 | 2170.14 | 6116.79 |
| F06 | F06 | F05 | R | R | | | 0.56 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 80.50 | 2101.43 | 8082 | 3.05 | 689.92 | 6400.79 | 12.08 | 315.21 | 1005.13 | 2416.64 | 6716.00 |
| F05 | F05 | F04 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2101.43 | 8082 | 3.05 | 689.92 | 6400.79 | 0.00 | 315.21 | 1005.13 | 2416.64 | 6716.00 |
| F04 | F04 | F03 | R | R | R | R | 0.34 | 0.28 | 0.30 | 0.58 | 93.6 | 93.6 | 93.6 | 93.6 | 140.40 | 2508.59 | 9648 | 2.97 | 844.61 | 7450.84 | 21.06 | 376.29 | 1220.89 | 2884.88 | 7827.13 |
| F03 | F03 | F02 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2508.59 | 9648 | 2.97 | 844.61 | 7450.84 | 0.00 | 376.29 | 1220.89 | 2884.88 | 7827.13 |
| F02 | F02 | F01 | R | | | | 0.34 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 31.82 | 2540.41 | 9771 | 2.96 | 856.89 | 7531.49 | 4.77 | 381.06 | 1237.95 | 2921.47 | 7912.55 |
| F01 | F01 | A27 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2540.41 | 9771 | 2.96 | 856.89 | 7531.49 | 0.00 | 381.06 | 1237.95 | 2921.47 | 7912.55 |
| E1708 | E1708 | E1707 | R | R | | | 0.3 | 0.22 | | | 93.6 | 93.6 | 0.0 | 0.0 | 48.67 | 48.67 | 187 | 4.16 | 11.70 | 202.40 | 7.30 | 7.30 | 19.00 | 55.97 | 209.70 |
| E1707 | E1707 | E17 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 48.67 | 187 | 4.16 | 11.70 | 202.40 | 0.00 | 7.30 | 19.00 | 55.97 | 209.70 |
| E1706 | E1706 | E1705 | R | R | | | 0.29 | 0.22 | | | 93.6 | 93.6 | 0.0 | 0.0 | 47.74 | 47.74 | 184 | 4.16 | 11.47 | 198.65 | 7.16 | 7.16 | 18.63 | 54.90 | 205.81 |
| E1705 | E1705 | E1704 | R | | | | 0.29 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 27.14 | 74.88 | 288 | 4.09 | 18.33 | 305.96 | 4.07 | 11.23 | 29.56 | 86.11 | 317.19 |
| E1704 | E1704 | E1703 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 74.88 | 288 | 4.09 | 18.33 | 305.96 | 0.00 | 11.23 | 29.56 | 86.11 | 317.19 |
| E1703 | E1703 | E1702 | R | | | | 0.15 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 14.04 | 88.92 | 342 | 4.05 | 21.94 | 360.44 | 2.11 | 13.34 | 35.27 | 102.26 | 373.78 |
| E1702 | E1702 | E1701 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 88.92 | 342 | 4.05 | 21.94 | 360.44 | 0.00 | 13.34 | 35.27 | 102.26 | 373.78 |
| E1701 | E1701 | E17 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 88.92 | 342 | 4.05 | 21.94 | 360.44 | 0.00 | 13.34 | 35.27 | 102.26 | 373.78 |
| E1610 | E1610 | E1609 | R | R | R | | 0.27 | 0.51 | 0.28 | | 93.6 | 93.6 | 93.6 | 0.0 | 99.22 | 99.22 | 382 | 4.03 | 24.61 | 400.01 | 14.88 | 14.88 | 39.49 | 114.10 | 414.90 |
| E1609 | E1609 | E1608 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 99.22 | 382 | 4.03 | 24.61 | 400.01 | 0.00 | 14.88 | 39.49 | 114.10 | 414.90 |
| E1608 | E1608 | E1607 | R | R | | | 0.28 | 0.46 | | | 93.6 | 93.6 | 0.0 | 0.0 | 69.26 | 168.48 | 648 | 3.91 | 43.05 | 659.37 | 10.39 | 25.27 | 68.32 | 193.75 | 684.64 |
| E1607 | E1607 | E1606 | R | | | | 0.19 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 17.78 | 186.26 | 716 | 3.89 | 47.90 | 724.34 | 2.67 | 27.94 | 75.83 | 214.20 | 752.28 |
| E1606 | E1606 | E1605 | R | R | S | | 0.28 | 0.19 | 0.89 | | 93.6 | 93.6 | 50.0 | 0.0 | 88.49 | 274.75 | 1057 | 3.78 | 72.60 | 1039.75 | 13.27 | 41.21 | 113.81 | 315.96 | 1080.96 |
| E1605 | E1605 | E1604 | R | | | | 0.2 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 18.72 | 293.47 | 1129 | 3.77 | 77.94 | 1105.03 | 2.81 | 44.02 | 121.96 | 337.49 | 1149.05 |
| E1604 | E1604 | E1603 | R | | | | 0.15 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 14.04 | 307.51 | 1183 | 3.75 | 81.96 | 1153.70 | 2.11 | 46.13 | 128.09 | 353.64 | 1199.83 |
| E1603 | E1603 | E1602 | R | S | | | 0.3 | 0.89 | | | 93.6 | 50.0 | 0.0 | 0.0 | 72.58 | 380.09 | 1462 | 3.69 | 103.07 | 1401.62 | 10.89 | 57.01 | 160.09 | 437.10 | 1458.63 |
| E1602 | E1602 | E1601 | R | | | | 0.13 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 12.17 | 392.26 | 1509 | 3.68 | 106.66 | 1442.61 | 1.83 | 58.84 | 165.50 | 451.10 | 1501.44 |
| E1601 | E1601 | E16 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 392.26 | 1509 | 3.68 | 106.66 | 1442.61 | 0.00 | 58.84 | 165.50 | 451.10 | 1501.44 |
| E1404 | E1404 | E1403 | R | R | S | | 0.3 | 0.40 | 0.89 | | 93.6 | 93.6 | 50.0 | 0.0 | 110.02 | 110.02 | 423 | 4.01 | 27.43 | 441.24 | 16.50 | 16.50 | 43.94 | 126.52 | 457.74 |
| E1403 | E1403 | E1402 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 110.02 | 423 | 4.01 | 27.43 | 441.24 | 0.00 | 16.50 | 43.94 | 126.52 | 457.74 |
| E1402 | E1402 | E1401 | B | | | | 0.23 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 21.53 | 131.55 | 506 | 3.97 | 33.12 | 522.46 | 3.23 | 19.73 | 52.86 | 151.28 | 542.19 |
| E1401 | E1401 | E14 | R | | | | 0.13 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 12.17 | 143.72 | 553 | 3.95 | 36.37 | 567.88 | 1.83 | 21.56 | 57.93 | 165.28 | 589.44 |
| E1232 | E1232 | E1231 | R | R | | | 0.7 | 0.27 | | | 93.6 | 93.6 | 0.0 | 0.0 | 90.79 | 90.79 | 349 | 4.05 | 22.42 | 367.66 | 13.62 | 13.62 | 36.04 | 104.41 | 381.28 |
| E1231 | E1231 | E1213 | R | | | | 0.25 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 23.40 | 114.19 | 439 | 4.00 | 28.53 | 457.06 | 3.51 | 17.13 | 45.66 | 131.32 | 474.19 |
| E1230 | E1230 | E1210 | R | | | | 0.36 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 33.70 | 33.70 | 130 | 4.21 | 8.00 | 141.90 | 5.06 | 5.06 | 13.06 | 38.76 | 146.95 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|--|--|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | | | |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) | | |
| E1229 | E1229 | E1228 | R | R | | | 0.32 | 0.49 | | | 93.6 | 93.6 | 0.0 | 0.0 | 75.82 | 75.82 | 292 | 4.08 | 18.57 | 309.61 | 11.37 | 11.37 | 29.94 | 87.19 | 320.98 | | |
| E1228 | E1228 | E1227 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 75.82 | 292 | 4.08 | 18.57 | 309.61 | 0.00 | 11.37 | 29.94 | 87.19 | 320.98 | | |
| E1227 | E1227 | E1208 | R | | | | 0.49 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 45.86 | 121.68 | 468 | 3.99 | 30.51 | 485.36 | 6.88 | 18.25 | 48.76 | 139.93 | 503.61 | | |
| E1226 | E1226 | E1225 | R | R | | | 0.35 | 0.42 | | | 93.6 | 93.6 | 0.0 | 0.0 | 72.07 | 72.07 | 277 | 4.09 | 17.61 | 294.98 | 10.81 | 10.81 | 28.42 | 82.88 | 305.80 | | |
| E1225 | E1225 | E1224 | R | | | | 0.42 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 39.31 | 111.38 | 428 | 4.01 | 27.79 | 446.41 | 5.90 | 16.71 | 44.50 | 128.09 | 463.12 | | |
| E1224 | E1224 | E1203 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 111.38 | 428 | 4.01 | 27.79 | 446.41 | 0.00 | 16.71 | 44.50 | 128.09 | 463.12 | | |
| E1223 | E1223 | E1222 | R | R | | | 0.22 | 0.20 | | | 93.6 | 93.6 | 0.0 | 0.0 | 39.31 | 39.31 | 151 | 4.19 | 9.38 | 164.71 | 5.90 | 5.90 | 15.28 | 45.21 | 170.61 | | |
| E1222 | E1222 | E1221 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 39.31 | 151 | 4.19 | 9.38 | 164.71 | 0.00 | 5.90 | 15.28 | 45.21 | 170.61 | | |
| E1221 | E1221 | E1204 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 39.31 | 151 | 4.19 | 9.38 | 164.71 | 0.00 | 5.90 | 15.28 | 45.21 | 170.61 | | |
| E1220 | E1220 | E1219 | R | R | R | P | 0.37 | 0.30 | 0.51 | 0.99 | 93.6 | 93.6 | 93.6 | 10.0 | 120.35 | 120.35 | 463 | 3.99 | 30.15 | 480.34 | 18.05 | 18.05 | 48.21 | 138.40 | 498.39 | | |
| E1219 | E1219 | E1208 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 120.35 | 463 | 3.99 | 30.15 | 480.34 | 0.00 | 18.05 | 48.21 | 138.40 | 498.39 | | |
| E1218 | E1218 | E1217 | R | R | | | 0.7 | 0.33 | | | 93.6 | 93.6 | 0.0 | 0.0 | 96.41 | 96.41 | 371 | 4.04 | 23.88 | 389.25 | 14.46 | 14.46 | 38.34 | 110.87 | 403.71 | | |
| E1217 | E1217 | E1216 | R | | | | 0.33 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 30.89 | 127.30 | 490 | 3.98 | 32.00 | 506.49 | 4.63 | 19.10 | 51.09 | 146.40 | 525.59 | | |
| E1216 | E1216 | E1215 | R | | | | 0.33 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 30.89 | 158.19 | 608 | 3.93 | 40.26 | 621.53 | 4.63 | 23.73 | 63.99 | 181.92 | 645.26 | | |
| E1215 | E1215 | E1214 | R | R | | | 0.3 | 0.27 | | | 93.6 | 93.6 | 0.0 | 0.0 | 53.35 | 211.54 | 814 | 3.86 | 54.86 | 815.67 | 8.00 | 31.73 | 86.59 | 243.27 | 847.40 | | |
| E1214 | E1214 | E1213 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 211.54 | 814 | 3.86 | 54.86 | 815.67 | 0.00 | 31.73 | 86.59 | 243.27 | 847.40 | | |
| E1213 | E1213 | E1212 | R | | | | 0.27 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 25.27 | 351.00 | 1350 | 3.71 | 94.55 | 1302.98 | 3.79 | 52.65 | 147.20 | 403.65 | 1355.63 | | |
| E1212 | E1212 | E1211 | R | | | | 0.25 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 23.40 | 374.40 | 1440 | 3.69 | 101.40 | 1382.40 | 3.51 | 56.16 | 157.56 | 430.56 | 1438.56 | | |
| E1211 | E1211 | E1210 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 374.40 | 1440 | 3.69 | 101.40 | 1382.40 | 0.00 | 56.16 | 157.56 | 430.56 | 1438.56 | | |
| E1210 | E1210 | E1209 | R | R | R | R | 0.15 | 0.36 | 0.27 | 0.37 | 93.6 | 93.6 | 93.6 | 93.6 | 107.64 | 515.74 | 1984 | 3.59 | 143.72 | 1850.73 | 16.15 | 77.36 | 221.08 | 593.10 | 1928.09 | | |
| E1209 | E1209 | E1208 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 515.74 | 1984 | 3.59 | 143.72 | 1850.73 | 0.00 | 77.36 | 221.08 | 593.10 | 1928.09 | | |
| E1208 | E1208 | E1207 | R | R | R | | 0.37 | 0.32 | 0.27 | | 93.6 | 93.6 | 93.6 | 0.0 | 89.86 | 847.63 | 3260 | 3.41 | 248.46 | 2891.68 | 13.48 | 127.14 | 375.61 | 974.77 | 3018.82 | | |
| E1207 | E1207 | E1206 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 847.63 | 3260 | 3.41 | 248.46 | 2891.68 | 0.00 | 127.14 | 375.61 | 974.77 | 3018.82 | | |
| E1206 | E1206 | E1205 | R | | | | 0.33 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 30.89 | 878.52 | 3379 | 3.40 | 258.54 | 2985.21 | 4.63 | 131.78 | 390.32 | 1010.30 | 3116.99 | | |
| E1205 | E1205 | E1204 | R | | | | 0.51 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 47.74 | 926.26 | 3563 | 3.38 | 274.21 | 3128.80 | 7.16 | 138.94 | 413.15 | 1065.20 | 3267.74 | | |
| E1204 | E1204 | E1203 | R | R | R | R | 0.51 | 0.20 | 0.15 | 0.33 | 93.6 | 93.6 | 93.6 | 93.6 | 111.38 | 1076.95 | 4142 | 3.32 | 324.41 | 3575.18 | 16.71 | 161.54 | 485.95 | 1238.49 | 3736.72 | | |
| E1203 | E1203 | E1202 | R | | | | 0.15 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 14.04 | 1202.37 | 4625 | 3.28 | 367.00 | 3939.21 | 2.11 | 180.36 | 547.36 | 1382.73 | 4119.57 | | |
| E1202 | E1202 | E1201 | R | | | | 0.35 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 32.76 | 1235.13 | 4751 | 3.27 | 378.24 | 4033.30 | 4.91 | 185.27 | 563.51 | 1420.40 | 4218.57 | | |
| E1201 | E1201 | E12 | P | | | | 0.18 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 1.80 | 1236.93 | 4757 | 3.26 | 378.85 | 4038.56 | 0.27 | 185.54 | 564.39 | 1422.47 | 4224.10 | | |
| E0405 | E0405 | E0404 | R | R | | | 0.4 | 0.25 | | | 93.6 | 93.6 | 0.0 | 0.0 | 60.84 | 60.84 | 234 | 4.12 | 14.76 | 250.81 | 9.13 | 9.13 | 23.88 | 69.97 | 259.93 | | |
| E0404 | E0404 | E0403 | R | | | | 0.25 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 23.40 | 84.24 | 324 | 4.06 | 20.73 | 342.35 | 3.51 | 12.64 | 33.36 | 96.88 | 354.99 | | |
| E0403 | E0403 | E0402 | R | R | R | | 0.4 | 0.25 | 0.19 | | 93.6 | 93.6 | 93.6 | 0.0 | 78.62 | 162.86 | 626 | 3.92 | 41.52 | 638.74 | 11.79 | 24.43 | 65.95 | 187.29 | 663.17 | | |
| E0402 | E0402 | E0401 | R | R | | | 0.25 | 0.19 | | | 93.6 | 93.6 | 0.0 | 0.0 | 41.18 | 204.04 | 785 | 3.87 | 52.79 | 788.68 | 6.18 | 30.61 | 83.39 | 234.65 | 819.29 | | |
| E0401 | E0401 | E04 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 204.04 | 785 | 3.87 | 52.79 | 788.68 | 0.00 | 30.61 | 83.39 | 234.65 | 819.29 | | |
| E23 | E23 | E22 | R | | | | 0.37 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 34.63 | 34.63 | 133 | 4.21 | 8.23 | 145.71 | 5.19 | 5.19 | 13.42 | 39.82 | 150.90 | | |
| E22 | E22 | E21 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 34.63 | 133 | 4.21 | 8.23 | 145.71 | 0.00 | 5.19 | 13.42 | 39.82 | 150.90 | | |
| E21 | E21 | E20 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 34.63 | 133 | 4.21 | 8.23 | 145.71 | 0.00 | 5.19 | 13.42 | 39.82 | 150.90 | | |
| E20 | E20 | E19 | R | R | | | 0.22 | 0.37 | | | 93.6 | 93.6 | 0.0 | 0.0 | 55.22 | 89.85 | 346 | 4.05 | 22.18 | 364.01 | 8.28 | 13.48 | 35.66 | 103.33 | 377.49 | | |
| E19 | E19 | E18 | R | | | | 0.56 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 52.42 | 142.27 | 547 | 3.95 | 35.98 | 562.51 | 7.86 | 21.34 | 57.32 | 163.61 | 583.85 | | |
| E18 | E18 | E17 | R | | | | 0.56 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 52.42 | 194.69 | 749 | 3.88 | 50.21 | 754.90 | 7.86 | 29.20 | 79.41 | 223.89 | 784.10 | | |
| E17 | E17 | E16 | R | R | R | | 0.37 | 0.14 | 0.22 | | 93.6 | 93.6 | 93.6 | 0.0 | 68.33 | 400.61 | 1541 | 3.67 | 109.13 | 1470.66 | 10.25 | 60.09 | 169.22 | 460.70 | 1530.75 | | |
| E16 | E16 | E15 | R | R | R | | 0.14 | 0.13 | 0.22 | | 93.6 | 93.6 | 93.6 | 0.0 | 45.86 | 838.73 | 3226 | 3.42 | 245.57 | 2864.61 | 6.88 | 125.81 | 371.38 | 964.54 | 2990.42 | | |
| E15 | E15 | E14 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 838.73 | 3226 | 3.42 | 245.57 | 2864.61 | 0.00 | 125.81 | 371.38 | 964.54 | 2990.42 | | |
| E14 | E14 | E13 | B | | | | 0.1 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 9.36 | 991.81 | 3815 | 3.35 | 295.91 | 3324.23 | 1.40 | 148.77 | 444.69 | 1140.58 | 3473.00 | | |
| E13 | E13 | E12 | R | B | | | 0.2 | 0.23 | | | 93.6 | 93.6 | 0.0 | 0.0 | 40.25 | 1032.06 | 3969 | 3.34 | 309.34 | 3443.32 | 6.04 | 154.81 | 464.15 | 1186.87 | 3598.13 | | |
| E12 | E12 | E11 | R | B | | | 0.2 | 0.23 | | | 93.6 | 93.6 | 0.0 | 0.0 | 40.25 | 2309.24 | 8882 | 3.01 | 768.30 | 6940.78 | 6.04 | 346.39 | 1114.68 | 2655.63 | 7287.16 | | |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| E11 | E11 | E10 | P | | | | 0.18 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 1.80 | 2311.04 | 8889 | 3.01 | 768.98 | 6945.41 | 0.27 | 346.66 | 1115.64 | 2657.70 | 7292.06 |
| E10 | E10 | E09 | R | | | | 0.25 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 23.40 | 2334.44 | 8979 | 3.00 | 777.89 | 7005.66 | 3.51 | 350.17 | 1128.05 | 2684.61 | 7355.82 |
| E09 | E09 | E08 | R | R | | | 0.25 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 51.48 | 2385.92 | 9177 | 2.99 | 797.53 | 7137.83 | 7.72 | 357.89 | 1155.42 | 2743.81 | 7495.72 |
| E08 | E08 | E07 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2385.92 | 9177 | 2.99 | 797.53 | 7137.83 | 0.00 | 357.89 | 1155.42 | 2743.81 | 7495.72 |
| E07 | E07 | E06 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2385.92 | 9177 | 2.99 | 797.53 | 7137.83 | 0.00 | 357.89 | 1155.42 | 2743.81 | 7495.72 |
| E06 | E06 | E05 | R | R | R | | 0.25 | 0.10 | 0.30 | | 93.6 | 93.6 | 93.6 | 0.0 | 60.84 | 2446.76 | 9411 | 2.98 | 820.83 | 7293.38 | 9.13 | 367.01 | 1187.85 | 2813.77 | 7660.40 |
| E05 | E05 | E04 | R | R | | | 0.25 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 51.48 | 2498.24 | 9609 | 2.97 | 840.63 | 7424.46 | 7.72 | 374.74 | 1215.36 | 2872.98 | 7799.19 |
| E04 | E04 | E03 | R | R | | | 0.33 | 0.19 | | | 93.6 | 93.6 | 0.0 | 0.0 | 48.67 | 2750.95 | 10581 | 2.93 | 938.80 | 8061.05 | 7.30 | 412.64 | 1351.44 | 3163.59 | 8473.69 |
| E03 | E03 | E02 | R | R | R | S | 0.3 | 0.33 | 0.43 | 0.79 | 93.6 | 93.6 | 93.6 | 50.0 | 138.72 | 2889.67 | 11114 | 2.91 | 993.36 | 8405.99 | 20.81 | 433.45 | 1426.81 | 3323.12 | 8839.44 |
| E02 | E02 | E01 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2889.67 | 11114 | 2.91 | 993.36 | 8405.99 | 0.00 | 433.45 | 1426.81 | 3323.12 | 8839.44 |
| E01 | E01 | D10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2889.67 | 11114 | 2.91 | 993.36 | 8405.99 | 0.00 | 433.45 | 1426.81 | 3323.12 | 8839.44 |
| D1411 | D1411 | D1410 | R | R | S | | 0.34 | 0.37 | 1.52 | | 93.6 | 93.6 | 50.0 | 0.0 | 142.46 | 142.46 | 548 | 3.95 | 36.03 | 563.20 | 21.37 | 21.37 | 57.40 | 163.83 | 584.57 |
| D1410 | D1410 | D1409 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 142.46 | 548 | 3.95 | 36.03 | 563.20 | 0.00 | 21.37 | 57.40 | 163.83 | 584.57 |
| D1409 | D1409 | D1408 | R | | | | 0.37 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 34.63 | 177.09 | 681 | 3.90 | 45.39 | 690.90 | 5.19 | 26.56 | 71.95 | 203.65 | 717.47 |
| D1408 | D1408 | D14 | R | | | | 0.33 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 30.89 | 207.98 | 800 | 3.86 | 53.88 | 802.89 | 4.63 | 31.20 | 85.07 | 239.18 | 834.08 |
| D1407 | D1407 | D1406 | R | R | | | 0.6 | 0.33 | | | 93.6 | 93.6 | 0.0 | 0.0 | 87.05 | 87.05 | 335 | 4.06 | 21.45 | 353.21 | 13.06 | 13.06 | 34.51 | 100.11 | 366.27 |
| D1406 | D1406 | D1405 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 87.05 | 335 | 4.06 | 21.45 | 353.21 | 0.00 | 13.06 | 34.51 | 100.11 | 366.27 |
| D1405 | D1405 | D1404 | R | R | R | R | 0.33 | 0.35 | 0.35 | 0.44 | 93.6 | 93.6 | 93.6 | 93.6 | 137.59 | 224.64 | 864 | 3.84 | 58.50 | 862.63 | 20.64 | 33.70 | 92.20 | 258.34 | 896.32 |
| D1404 | D1404 | D1403 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 224.64 | 864 | 3.84 | 58.50 | 862.63 | 0.00 | 33.70 | 92.20 | 258.34 | 896.32 |
| D1403 | D1403 | D1402 | R | R | S | P | 0.44 | 0.35 | 1.52 | 1.25 | 93.6 | 93.6 | 50.0 | 10.0 | 162.44 | 387.08 | 1489 | 3.68 | 105.13 | 1425.18 | 24.37 | 58.06 | 163.19 | 445.14 | 1483.24 |
| D1402 | D1402 | D1401 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 387.08 | 1489 | 3.68 | 105.13 | 1425.18 | 0.00 | 58.06 | 163.19 | 445.14 | 1483.24 |
| D1401 | D1401 | D14 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 387.08 | 1489 | 3.68 | 105.13 | 1425.18 | 0.00 | 58.06 | 163.19 | 445.14 | 1483.24 |
| D0813 | D0813 | D0812 | B | B | B | | 0.5 | 0.11 | 0.21 | | 93.6 | 93.6 | 93.6 | 0.0 | 76.75 | 76.75 | 295 | 4.08 | 18.80 | 313.26 | 11.51 | 11.51 | 30.32 | 88.26 | 324.77 |
| D0812 | D0812 | D0811 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 76.75 | 295 | 4.08 | 18.80 | 313.26 | 0.00 | 11.51 | 30.32 | 88.26 | 324.77 |
| D0811 | D0811 | D0810 | B | B | B | | 0.32 | 0.50 | 0.11 | | 93.6 | 93.6 | 93.6 | 0.0 | 87.05 | 163.80 | 630 | 3.92 | 41.78 | 642.18 | 13.06 | 24.57 | 66.35 | 188.37 | 666.75 |
| D0810 | D0810 | D0802 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 163.80 | 630 | 3.92 | 41.78 | 642.18 | 0.00 | 24.57 | 66.35 | 188.37 | 666.75 |
| D0809 | D0809 | D0808 | R | R | R | R | 0.35 | 0.37 | 0.37 | 0.43 | 93.6 | 93.6 | 93.6 | 93.6 | 142.27 | 142.27 | 547 | 3.95 | 35.98 | 562.51 | 21.34 | 21.34 | 57.32 | 163.61 | 583.85 |
| D0808 | D0808 | D0807 | R | | | | 0.43 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 40.25 | 182.52 | 702 | 3.89 | 46.87 | 710.70 | 6.04 | 27.38 | 74.25 | 209.90 | 738.08 |
| D0807 | D0807 | D0806 | R | | | | 0.23 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 21.53 | 204.05 | 785 | 3.87 | 52.79 | 788.72 | 3.23 | 30.61 | 83.40 | 234.66 | 819.33 |
| D0806 | D0806 | D0805 | R | R | R | B | 0.23 | 0.37 | 0.42 | 0.32 | 93.6 | 93.6 | 93.6 | 93.6 | 125.42 | 329.47 | 1267 | 3.73 | 88.30 | 1229.38 | 18.81 | 49.42 | 137.72 | 378.89 | 1278.80 |
| D0805 | D0805 | D0804 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 329.47 | 1267 | 3.73 | 88.30 | 1229.38 | 0.00 | 49.42 | 137.72 | 378.89 | 1278.80 |
| D0804 | D0804 | D0803 | R | P | | | 0.23 | 1.25 | | | 93.6 | 10.0 | 0.0 | 0.0 | 34.03 | 363.50 | 1398 | 3.70 | 98.20 | 1345.48 | 5.10 | 54.53 | 152.73 | 418.03 | 1400.01 |
| D0803 | D0803 | D0802 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 363.50 | 1398 | 3.70 | 98.20 | 1345.48 | 0.00 | 54.53 | 152.73 | 418.03 | 1400.01 |
| D0802 | D0802 | D0801 | B | B | | | 0.32 | 0.17 | | | 93.6 | 93.6 | 0.0 | 0.0 | 45.86 | 573.16 | 2204 | 3.55 | 161.34 | 2036.21 | 6.88 | 85.97 | 247.31 | 659.13 | 2122.19 |
| D0801 | D0801 | D08 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 573.16 | 2204 | 3.55 | 161.34 | 2036.21 | 0.00 | 85.97 | 247.31 | 659.13 | 2122.19 |
| D0210 | D0210 | D0209 | R | R | B | B | 0.3 | 0.25 | 0.30 | 0.21 | 93.6 | 93.6 | 93.6 | 93.6 | 99.22 | 99.22 | 382 | 4.03 | 24.61 | 400.01 | 14.88 | 14.88 | 39.49 | 114.10 | 414.90 |
| D0209 | D0209 | D0208 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 99.22 | 382 | 4.03 | 24.61 | 400.01 | 0.00 | 14.88 | 39.49 | 114.10 | 414.90 |
| D0208 | D0208 | D02 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 99.22 | 382 | 4.03 | 24.61 | 400.01 | 0.00 | 14.88 | 39.49 | 114.10 | 414.90 |
| D0207 | D0207 | D0206 | R | | | | 0.37 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 34.63 | 34.63 | 133 | 4.21 | 8.23 | 145.71 | 5.19 | 5.19 | 13.42 | 39.82 | 150.90 |
| D0206 | D0206 | D0205 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 34.63 | 133 | 4.21 | 8.23 | 145.71 | 0.00 | 5.19 | 13.42 | 39.82 | 150.90 |
| D0205 | D0205 | D0204 | R | | | | 0.37 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 34.63 | 69.26 | 266 | 4.10 | 16.89 | 283.98 | 5.19 | 10.39 | 27.28 | 79.65 | 294.37 |
| D0204 | D0204 | D0203 | R | R | | | 0.37 | 0.23 | | | 93.6 | 93.6 | 0.0 | 0.0 | 56.16 | 125.42 | 482 | 3.98 | 31.49 | 499.47 | 8.42 | 18.81 | 50.31 | 144.23 | 518.28 |
| D0203 | D0203 | D0202 | R | | | | 0.23 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 21.53 | 146.95 | 565 | 3.95 | 37.24 | 579.91 | 3.23 | 22.04 | 59.28 | 168.99 | 601.96 |
| D0202 | D0202 | D0201 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 146.95 | 565 | 3.95 | 37.24 | 579.91 | 0.00 | 22.04 | 59.28 | 168.99 | 601.96 |
| D0201 | D0201 | D02 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 146.95 | 565 | 3.95 | 37.24 | 579.91 | 0.00 | 22.04 | 59.28 | 168.99 | 601.96 |
| D25 | D25 | D24 | R | R | R | | 0.34 | 0.27 | 0.53 | | 93.6 | 93.6 | 93.6 | 0.0 | 106.70 | 106.70 | 410 | 4.02 | 26.56 | 428.62 | 16.01 | 16.01 | 42.57 | 122.71 | 444.62 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| D24 | D24 | D23 | R | | | | 0.41 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 38.38 | 145.08 | 558 | 3.95 | 36.74 | 572.95 | 5.76 | 21.76 | 58.50 | 166.84 | 594.72 |
| D23 | D23 | D22 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 145.08 | 558 | 3.95 | 36.74 | 572.95 | 0.00 | 21.76 | 58.50 | 166.84 | 594.72 |
| D22 | D22 | D21 | R | R | | | 0.51 | 0.41 | | | 93.6 | 93.6 | 0.0 | 0.0 | 86.11 | 231.19 | 889 | 3.83 | 60.33 | 886.00 | 12.92 | 34.68 | 95.00 | 265.87 | 920.68 |
| D21 | D21 | D20 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 231.19 | 889 | 3.83 | 60.33 | 886.00 | 0.00 | 34.68 | 95.00 | 265.87 | 920.68 |
| D20 | D20 | D19 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 231.19 | 889 | 3.83 | 60.33 | 886.00 | 0.00 | 34.68 | 95.00 | 265.87 | 920.68 |
| D19 | D19 | D18 | R | R | | | 0.3 | 0.40 | | | 93.6 | 93.6 | 0.0 | 0.0 | 65.52 | 296.71 | 1141 | 3.76 | 78.86 | 1116.32 | 9.83 | 44.51 | 123.37 | 341.22 | 1160.83 |
| D18 | D18 | D17 | R | R | | | 0.33 | 0.25 | | | 93.6 | 93.6 | 0.0 | 0.0 | 54.29 | 351.00 | 1350 | 3.71 | 94.55 | 1302.98 | 8.14 | 52.65 | 147.20 | 403.65 | 1355.63 |
| D17 | D17 | D16 | R | R | S | | 0.33 | 0.25 | 0.79 | | 93.6 | 93.6 | 50.0 | 0.0 | 93.79 | 444.79 | 1711 | 3.64 | 122.28 | 1617.92 | 14.07 | 66.72 | 189.00 | 511.51 | 1684.64 |
| D16 | D16 | D15 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 444.79 | 1711 | 3.64 | 122.28 | 1617.92 | 0.00 | 66.72 | 189.00 | 511.51 | 1684.64 |
| D15 | D15 | D14 | R | | | | 0.33 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 30.89 | 475.68 | 1830 | 3.62 | 131.57 | 1719.80 | 4.63 | 71.35 | 202.92 | 547.03 | 1791.16 |
| D14 | D14 | D13 | S | P | S | | 1.52 | 1.25 | 0.79 | | 50.0 | 10.0 | 50.0 | 0.0 | 128.00 | 1198.74 | 4611 | 3.28 | 365.76 | 3928.77 | 19.20 | 179.81 | 545.57 | 1378.55 | 4108.58 |
| D13 | D13 | D12 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1198.74 | 4611 | 3.28 | 365.76 | 3928.77 | 0.00 | 179.81 | 545.57 | 1378.55 | 4108.58 |
| D12 | D12 | D11 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1198.74 | 4611 | 3.28 | 365.76 | 3928.77 | 0.00 | 179.81 | 545.57 | 1378.55 | 4108.58 |
| D11 | D11 | D10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1198.74 | 4611 | 3.28 | 365.76 | 3928.77 | 0.00 | 179.81 | 545.57 | 1378.55 | 4108.58 |
| D10 | D10 | D09 | R | S | | | 0.33 | 0.79 | | | 93.6 | 50.0 | 0.0 | 0.0 | 70.39 | 4158.80 | 15995 | 2.75 | 1512.22 | 11437.27 | 10.56 | 623.82 | 2136.04 | 4782.62 | 12061.09 |
| D09 | D09 | D08 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4158.80 | 15995 | 2.75 | 1512.22 | 11437.27 | 0.00 | 623.82 | 2136.04 | 4782.62 | 12061.09 |
| D08 | D08 | D07 | R | R | B | P | 0.33 | 0.29 | 0.17 | 1.25 | 93.6 | 93.6 | 93.6 | 10.0 | 86.44 | 4818.40 | 18532 | 2.69 | 1794.06 | 12941.05 | 12.97 | 722.76 | 2516.82 | 5541.16 | 13663.81 |
| D07 | D07 | D06 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4818.40 | 18532 | 2.69 | 1794.06 | 12941.05 | 0.00 | 722.76 | 2516.82 | 5541.16 | 13663.81 |
| D06 | D06 | D05 | R | B | B | | 0.29 | 0.17 | 0.11 | | 93.6 | 93.6 | 93.6 | 0.0 | 53.35 | 4871.75 | 18738 | 2.68 | 1817.19 | 13060.80 | 8.00 | 730.76 | 2547.95 | 5602.51 | 13791.57 |
| D05 | D05 | D04 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4871.75 | 18738 | 2.68 | 1817.19 | 13060.80 | 0.00 | 730.76 | 2547.95 | 5602.51 | 13791.57 |
| D04 | D04 | D03 | R | B | B | | 0.29 | 0.11 | 0.21 | | 93.6 | 93.6 | 93.6 | 0.0 | 57.10 | 4928.85 | 18957 | 2.68 | 1841.97 | 13188.87 | 8.57 | 739.33 | 2581.30 | 5668.18 | 13928.20 |
| D03 | D03 | D02 | R | | | | 0.29 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 27.14 | 4955.99 | 19062 | 2.67 | 1853.79 | 13249.54 | 4.07 | 743.40 | 2597.19 | 5699.39 | 13992.94 |
| D02 | D02 | D01 | R | B | | | 0.19 | 0.21 | | | 93.6 | 93.6 | 0.0 | 0.0 | 37.44 | 5239.60 | 20152 | 2.65 | 1977.82 | 13880.61 | 5.62 | 785.94 | 2763.76 | 6025.54 | 14666.55 |
| D01 | D01 | A16 | R | | | | 0.19 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 17.78 | 5257.38 | 20221 | 2.65 | 1985.65 | 13919.88 | 2.67 | 788.61 | 2774.26 | 6045.99 | 14708.49 |
| C4305 | C4305 | C4304 | R | R | | | 0.35 | 0.19 | | | 93.6 | 93.6 | 0.0 | 0.0 | 50.54 | 50.54 | 194 | 4.15 | 12.17 | 209.88 | 7.58 | 7.58 | 19.75 | 58.12 | 217.47 |
| C4304 | C4304 | C4303 | R | | | | 0.19 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 17.78 | 68.32 | 263 | 4.10 | 16.65 | 280.27 | 2.67 | 10.25 | 26.90 | 78.57 | 290.51 |
| C4303 | C4303 | C4302 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 68.32 | 263 | 4.10 | 16.65 | 280.27 | 0.00 | 10.25 | 26.90 | 78.57 | 290.51 |
| C4302 | C4302 | C4301 | R | R | P | | 0.35 | 0.92 | 0.46 | | 93.6 | 93.6 | 10.0 | 0.0 | 123.47 | 191.79 | 738 | 3.88 | 49.41 | 744.38 | 18.52 | 28.77 | 78.18 | 220.56 | 773.15 |
| C4301 | C4301 | C43 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 191.79 | 738 | 3.88 | 49.41 | 744.38 | 0.00 | 28.77 | 78.18 | 220.56 | 773.15 |
| C4003 | C4003 | C4002 | R | R | | | 0.5 | 0.53 | | | 93.6 | 93.6 | 0.0 | 0.0 | 96.41 | 96.41 | 371 | 4.04 | 23.88 | 389.25 | 14.46 | 14.46 | 38.34 | 110.87 | 403.71 |
| C4002 | C4002 | C4001 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 96.41 | 371 | 4.04 | 23.88 | 389.25 | 0.00 | 14.46 | 38.34 | 110.87 | 403.71 |
| C4001 | C4001 | C40 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 96.41 | 371 | 4.04 | 23.88 | 389.25 | 0.00 | 14.46 | 38.34 | 110.87 | 403.71 |
| C3431 | C3431 | C3430 | R | | | | 0.8 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 74.88 | 74.88 | 288 | 4.09 | 18.33 | 305.96 | 11.23 | 11.23 | 29.56 | 86.11 | 317.19 |
| C3430 | C3430 | C3401 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 74.88 | 288 | 4.09 | 18.33 | 305.96 | 0.00 | 11.23 | 29.56 | 86.11 | 317.19 |
| C3429 | C3429 | C3428 | R | R | R | P | 0.3 | 0.15 | 0.37 | 0.18 | 93.6 | 93.6 | 93.6 | 10.0 | 78.55 | 78.55 | 302 | 4.08 | 19.27 | 320.27 | 11.78 | 11.78 | 31.05 | 90.33 | 332.05 |
| C3428 | C3428 | C3427 | E | | | | 0.12 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 6.00 | 84.55 | 325 | 4.06 | 20.81 | 343.56 | 0.90 | 12.68 | 33.49 | 97.23 | 356.24 |
| C3427 | C3427 | C3426 | R | R | E | | 0.37 | 0.25 | 0.12 | | 93.6 | 93.6 | 50.0 | 0.0 | 64.03 | 148.58 | 571 | 3.94 | 37.67 | 585.98 | 9.60 | 22.29 | 59.96 | 170.87 | 608.27 |
| C3426 | C3426 | C3404 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 148.58 | 571 | 3.94 | 37.67 | 585.98 | 0.00 | 22.29 | 59.96 | 170.87 | 608.27 |
| C3425 | C3425 | C3424 | R | R | | | 0.31 | 0.42 | | | 93.6 | 93.6 | 0.0 | 0.0 | 68.33 | 68.33 | 263 | 4.10 | 16.66 | 280.31 | 10.25 | 10.25 | 26.91 | 78.58 | 290.56 |
| C3424 | C3424 | C3423 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 68.33 | 263 | 4.10 | 16.66 | 280.31 | 0.00 | 10.25 | 26.91 | 78.58 | 290.56 |
| C3423 | C3423 | C3405 | R | | | | 0.42 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 39.31 | 107.64 | 414 | 4.02 | 26.81 | 432.18 | 5.90 | 16.15 | 42.96 | 123.79 | 448.32 |
| C3422 | C3422 | C3421 | R | R | R | | 0.2 | 0.20 | 0.27 | | 93.6 | 93.6 | 93.6 | 0.0 | 62.71 | 62.71 | 241 | 4.12 | 15.23 | 258.20 | 9.41 | 9.41 | 24.64 | 72.12 | 267.61 |
| C3421 | C3421 | C3418 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 62.71 | 241 | 4.12 | 15.23 | 258.20 | 0.00 | 9.41 | 24.64 | 72.12 | 267.61 |
| C3420 | C3420 | C3419 | R | R | R | | 0.23 | 0.55 | 0.40 | | 93.6 | 93.6 | 93.6 | 0.0 | 110.45 | 110.45 | 425 | 4.01 | 27.55 | 442.85 | 16.57 | 16.57 | 44.11 | 127.02 | 459.42 |
| C3419 | C3419 | C3418 | R | R | | | 0.27 | 0.25 | | | 93.6 | 93.6 | 0.0 | 0.0 | 48.67 | 159.12 | 612 | 3.93 | 40.51 | 624.94 | 7.30 | 23.87 | 64.38 | 182.99 | 648.81 |
| C3418 | C3418 | C3417 | R | R | R | R | 0.25 | 0.21 | 0.20 | 0.27 | 93.6 | 93.6 | 93.6 | 93.6 | 87.05 | 308.88 | 1188 | 3.75 | 82.36 | 1158.46 | 13.06 | 46.33 | 128.69 | 355.21 | 1204.79 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|--|--|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | | | |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) | | |
| C3417 | C3417 | C3407 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 308.88 | 1188 | 3.75 | 82.36 | 1158.46 | 0.00 | 46.33 | 128.69 | 355.21 | 1204.79 | | |
| C3416 | C3416 | C3415 | R | I | | | 0.19 | 2.28 | | | 93.6 | 10.0 | 0.0 | 0.0 | 40.58 | 40.58 | 156 | 4.19 | 9.70 | 169.85 | 2.67 | 2.67 | 12.36 | 43.25 | 172.51 | | |
| C3415 | C3415 | C3409 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 40.58 | 156 | 4.19 | 9.70 | 169.85 | 0.00 | 2.67 | 12.36 | 43.25 | 172.51 | | |
| C3414 | C3414 | C3413 | R | R | | | 0.35 | 0.76 | | | 93.6 | 93.6 | 0.0 | 0.0 | 103.90 | 103.90 | 400 | 4.02 | 25.83 | 417.90 | 15.59 | 15.59 | 41.42 | 119.49 | 433.49 | | |
| C3413 | C3413 | C3412 | I | | | | 2.28 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 22.80 | 126.70 | 487 | 3.98 | 31.83 | 504.28 | 0.00 | 15.59 | 47.42 | 142.29 | 519.86 | | |
| C3412 | C3412 | C3411 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 126.70 | 487 | 3.98 | 31.83 | 504.28 | 0.00 | 15.59 | 47.42 | 142.29 | 519.86 | | |
| C3411 | C3411 | C3410 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 126.70 | 487 | 3.98 | 31.83 | 504.28 | 0.00 | 15.59 | 47.42 | 142.29 | 519.86 | | |
| C3410 | C3410 | C3409 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 126.70 | 487 | 3.98 | 31.83 | 504.28 | 0.00 | 15.59 | 47.42 | 142.29 | 519.86 | | |
| C3409 | C3409 | C3408 | R | | | | 0.19 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 17.78 | 185.06 | 712 | 3.89 | 47.57 | 719.94 | 2.67 | 20.92 | 68.49 | 205.98 | 740.86 | | |
| C3408 | C3408 | C3407 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 185.06 | 712 | 3.89 | 47.57 | 719.94 | 0.00 | 20.92 | 68.49 | 205.98 | 740.86 | | |
| C3407 | C3407 | C3406 | R | R | I | | 0.25 | 0.21 | 2.28 | | 93.6 | 93.6 | 10.0 | 0.0 | 65.86 | 559.80 | 2153 | 3.56 | 157.22 | 1993.27 | 6.46 | 73.71 | 230.93 | 633.51 | 2066.98 | | |
| C3406 | C3406 | C3405 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 559.80 | 2153 | 3.56 | 157.22 | 1993.27 | 0.00 | 73.71 | 230.93 | 633.51 | 2066.98 | | |
| C3405 | C3405 | C3404 | R | | | | 0.2 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 18.72 | 686.16 | 2639 | 3.49 | 196.66 | 2394.09 | 2.81 | 92.66 | 289.32 | 778.82 | 2486.75 | | |
| C3404 | C3404 | C3403 | R | R | | | 0.2 | 0.25 | | | 93.6 | 93.6 | 0.0 | 0.0 | 42.12 | 876.86 | 3373 | 3.40 | 258.00 | 2980.16 | 6.32 | 121.27 | 379.27 | 998.13 | 3101.42 | | |
| C3403 | C3403 | C3402 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 876.86 | 3373 | 3.40 | 258.00 | 2980.16 | 0.00 | 121.27 | 379.27 | 998.13 | 3101.42 | | |
| C3402 | C3402 | C3401 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 876.86 | 3373 | 3.40 | 258.00 | 2980.16 | 0.00 | 121.27 | 379.27 | 998.13 | 3101.42 | | |
| C3401 | C3401 | C34 | R | | | | 0.23 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 21.53 | 973.27 | 3743 | 3.36 | 289.75 | 3269.23 | 3.23 | 135.73 | 425.48 | 1109.00 | 3404.96 | | |
| C3201 | C3201 | C32 | R | R | | | 0.37 | 0.50 | | | 93.6 | 93.6 | 0.0 | 0.0 | 81.43 | 81.43 | 313 | 4.07 | 20.00 | 331.46 | 12.21 | 12.21 | 32.22 | 93.64 | 343.68 | | |
| C3005 | C3005 | C3002 | B | B | | | 0.12 | 0.18 | | | 93.6 | 93.6 | 0.0 | 0.0 | 28.08 | 28.08 | 108 | 4.23 | 6.63 | 118.90 | 4.21 | 4.21 | 10.84 | 32.29 | 123.11 | | |
| C3004 | C3004 | C3003 | R | B | | | 0.45 | 0.18 | | | 93.6 | 93.6 | 0.0 | 0.0 | 58.97 | 58.97 | 227 | 4.13 | 14.29 | 243.40 | 8.85 | 8.85 | 23.13 | 67.82 | 252.24 | | |
| C3003 | C3003 | C3002 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 58.97 | 227 | 4.13 | 14.29 | 243.40 | 0.00 | 8.85 | 23.13 | 67.82 | 252.24 | | |
| C3002 | C3002 | C3001 | B | E | | | 0.18 | 0.17 | | | 93.6 | 50.0 | 0.0 | 0.0 | 25.35 | 112.40 | 432 | 4.01 | 28.06 | 450.28 | 3.80 | 16.86 | 44.92 | 129.26 | 467.14 | | |
| C3001 | C3001 | C30 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 112.40 | 432 | 4.01 | 28.06 | 450.28 | 0.00 | 16.86 | 44.92 | 129.26 | 467.14 | | |
| C2606 | C2606 | C2605 | R | R | R | S | 0.5 | 0.19 | 0.19 | 1.27 | 93.6 | 93.6 | 93.6 | 50.0 | 145.87 | 145.87 | 561 | 3.95 | 36.95 | 575.89 | 21.88 | 21.88 | 58.83 | 167.75 | 597.77 | | |
| C2605 | C2605 | C26 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 145.87 | 561 | 3.95 | 36.95 | 575.89 | 0.00 | 21.88 | 58.83 | 167.75 | 597.77 | | |
| C2604 | C2604 | C2603 | B | B | | | 0.25 | 0.09 | | | 93.6 | 93.6 | 0.0 | 0.0 | 31.82 | 31.82 | 122 | 4.22 | 7.54 | 134.25 | 4.77 | 4.77 | 12.32 | 36.59 | 139.02 | | |
| C2603 | C2603 | C2602 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 31.82 | 122 | 4.22 | 7.54 | 134.25 | 0.00 | 4.77 | 12.32 | 36.59 | 139.02 | | |
| C2602 | C2602 | C2601 | B | B | B | B | 0.18 | 0.25 | 0.09 | 0.14 | 93.6 | 93.6 | 93.6 | 93.6 | 61.78 | 93.60 | 360 | 4.04 | 23.15 | 378.47 | 9.27 | 14.04 | 37.19 | 107.64 | 392.51 | | |
| C2601 | C2601 | C26 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 93.60 | 360 | 4.04 | 23.15 | 378.47 | 0.00 | 14.04 | 37.19 | 107.64 | 392.51 | | |
| C2208 | C2208 | C2207 | R | R | R | S | 0.25 | 0.22 | 0.11 | 1.27 | 93.6 | 93.6 | 93.6 | 50.0 | 117.79 | 117.79 | 453 | 4.00 | 29.48 | 470.68 | 17.67 | 17.67 | 47.15 | 135.46 | 488.35 | | |
| C2207 | C2207 | C22 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 117.79 | 453 | 4.00 | 29.48 | 470.68 | 0.00 | 17.67 | 47.15 | 135.46 | 488.35 | | |
| C2206 | C2206 | C2205 | R | B | B | R | 0.15 | 0.14 | 0.17 | 0.15 | 93.6 | 93.6 | 93.6 | 93.6 | 57.10 | 57.10 | 220 | 4.13 | 13.82 | 235.98 | 8.57 | 8.57 | 22.38 | 65.67 | 244.54 | | |
| C2205 | C2205 | C2202 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 57.10 | 220 | 4.13 | 13.82 | 235.98 | 0.00 | 8.57 | 22.38 | 65.67 | 244.54 | | |
| C2204 | C2204 | C2203 | B | B | | | 0.09 | 0.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 22.46 | 22.46 | 86 | 4.26 | 5.27 | 95.70 | 3.37 | 3.37 | 8.64 | 25.83 | 99.07 | | |
| C2203 | C2203 | C2202 | B | | | | 0.09 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 8.42 | 30.88 | 119 | 4.22 | 7.31 | 130.38 | 1.26 | 4.63 | 11.95 | 35.51 | 135.01 | | |
| C2202 | C2202 | C2201 | R | R | R | R | 0.15 | 0.15 | 0.14 | 0.12 | 93.6 | 93.6 | 93.6 | 93.6 | 52.42 | 140.40 | 540 | 3.96 | 35.48 | 555.53 | 7.86 | 21.06 | 56.54 | 161.46 | 576.59 | | |
| C2201 | C2201 | C22 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 140.40 | 540 | 3.96 | 35.48 | 555.53 | 0.00 | 21.06 | 56.54 | 161.46 | 576.59 | | |
| C2004 | C2004 | C2003 | B | | | | 0.15 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 14.04 | 14.04 | 54 | 4.31 | 3.26 | 60.48 | 2.11 | 2.11 | 5.37 | 16.15 | 62.59 | | |
| C2003 | C2003 | C2002 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 14.04 | 54 | 4.31 | 3.26 | 60.48 | 0.00 | 2.11 | 5.37 | 16.15 | 62.59 | | |
| C2002 | C2002 | C2001 | R | R | R | R | 0.12 | 0.14 | 0.25 | 0.39 | 93.6 | 93.6 | 93.6 | 93.6 | 84.24 | 98.28 | 378 | 4.03 | 24.36 | 396.43 | 12.64 | 14.74 | 39.11 | 113.02 | 411.17 | | |
| C2001 | C2001 | C20 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 98.28 | 378 | 4.03 | 24.36 | 396.43 | 0.00 | 14.74 | 39.11 | 113.02 | 411.17 | | |
| C1049 | C1049 | C1048 | R | R | E | P | 0.28 | 0.30 | 1.12 | 0.44 | 93.6 | 93.6 | 50.0 | 10.0 | 114.69 | 114.69 | 441 | 4.00 | 28.66 | 458.95 | 17.20 | 17.20 | 45.86 | 131.89 | 476.15 | | |
| C1048 | C1048 | C1047 | R | | | | 0.25 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 23.40 | 138.09 | 531 | 3.96 | 34.87 | 546.93 | 3.51 | 20.71 | 55.58 | 158.80 | 567.64 | | |
| C1047 | C1047 | C1046 | R | R | R | E | 0.25 | 1.00 | 0.30 | 1.12 | 93.6 | 93.6 | 93.6 | 50.0 | 201.08 | 339.17 | 1305 | 3.72 | 91.11 | 1262.55 | 30.16 | 50.88 | 141.99 | 390.05 | 1313.43 | | |
| C1046 | C1046 | C1045 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 339.17 | 1305 | 3.72 | 91.11 | 1262.55 | 0.00 | 50.88 | 141.99 | 390.05 | 1313.43 | | |
| C1045 | C1045 | C1002 | E | | | | 0.24 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 12.00 | 351.17 | 1351 | 3.71 | 94.61 | 1303.53 | 1.80 | 52.68 | 147.28 | 403.85 | 1356.20 | | |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| C1044 | C1044 | C1043 | R | R | S | S | 0.25 | 0.23 | 1.45 | 1.27 | 93.6 | 93.6 | 50.0 | 50.0 | 180.93 | 180.93 | 696 | 3.90 | 46.44 | 704.90 | 27.14 | 27.14 | 73.58 | 208.07 | 732.04 |
| C1043 | C1043 | C1042 | R | | | | 0.13 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 12.17 | 193.10 | 743 | 3.88 | 49.77 | 749.13 | 1.83 | 28.97 | 78.74 | 222.07 | 778.09 |
| C1042 | C1042 | C1041 | R | | | | 0.21 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 19.66 | 212.76 | 818 | 3.85 | 55.20 | 820.10 | 2.95 | 31.91 | 87.11 | 244.67 | 852.01 |
| C1041 | C1041 | C1002 | E | | | | 0.22 | | | | 50.0 | 0.0 | 0.0 | 0.0 | 11.00 | 223.76 | 861 | 3.84 | 58.26 | 859.45 | 1.65 | 33.56 | 91.82 | 257.32 | 893.02 |
| C1040 | C1040 | C1039 | R | R | R | R | 0.43 | 0.37 | 0.47 | 0.3 | 93.6 | 93.6 | 93.6 | 93.6 | 146.95 | 146.95 | 565 | 3.95 | 37.24 | 579.91 | 22.04 | 22.04 | 59.28 | 168.99 | 601.96 |
| C1039 | C1039 | C1038 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 146.95 | 565 | 3.95 | 37.24 | 579.91 | 0.00 | 22.04 | 59.28 | 168.99 | 601.96 |
| C1038 | C1038 | C1037 | R | | | | 0.3 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 28.08 | 175.03 | 673 | 3.90 | 44.83 | 683.38 | 4.21 | 26.25 | 71.08 | 201.28 | 709.63 |
| C1037 | C1037 | C1036 | R | | | | 0.43 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 40.25 | 215.28 | 828 | 3.85 | 55.90 | 829.12 | 6.04 | 32.29 | 88.19 | 247.57 | 861.41 |
| C1036 | C1036 | C1035 | R | R | | | 0.28 | 0.51 | | | 93.6 | 93.6 | 0.0 | 0.0 | 73.94 | 289.22 | 1112 | 3.77 | 76.72 | 1090.30 | 11.09 | 43.38 | 120.10 | 332.60 | 1133.68 |
| C1035 | C1035 | C1009 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 289.22 | 1112 | 3.77 | 76.72 | 1090.30 | 0.00 | 43.38 | 120.10 | 332.60 | 1133.68 |
| C1034 | C1034 | C1033 | R | R | R | | 0.28 | 0.15 | 0.43 | | 93.6 | 93.6 | 93.6 | 0.0 | 80.50 | 80.50 | 310 | 4.07 | 19.77 | 327.82 | 12.08 | 12.08 | 31.84 | 92.58 | 339.90 |
| C1033 | C1033 | C1032 | R | | | | 0.33 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 30.89 | 111.39 | 428 | 4.01 | 27.79 | 446.45 | 4.63 | 16.71 | 44.50 | 128.10 | 463.16 |
| C1032 | C1032 | C1028 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 111.39 | 428 | 4.01 | 27.79 | 446.45 | 0.00 | 16.71 | 44.50 | 128.10 | 463.16 |
| C1031 | C1031 | C1030 | R | R | R | | 0.92 | 0.20 | 0.33 | | 93.6 | 93.6 | 93.6 | 0.0 | 135.72 | 135.72 | 522 | 3.96 | 34.23 | 538.07 | 20.36 | 20.36 | 54.59 | 156.08 | 558.42 |
| C1030 | C1030 | C1029 | R | | | | 0.92 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 86.11 | 221.83 | 853 | 3.84 | 57.72 | 852.59 | 12.92 | 33.27 | 90.99 | 255.10 | 885.87 |
| C1029 | C1029 | C1028 | R | | | | 0.92 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 86.11 | 307.94 | 1184 | 3.75 | 82.08 | 1155.24 | 12.92 | 46.19 | 128.28 | 354.13 | 1201.43 |
| C1028 | C1028 | C1027 | R | R | R | | 0.71 | 0.33 | 0.28 | | 93.6 | 93.6 | 93.6 | 0.0 | 123.55 | 542.88 | 2088 | 3.57 | 152.02 | 1938.72 | 18.53 | 81.43 | 233.45 | 624.31 | 2020.15 |
| C1027 | C1027 | C1009 | R | | | | 0.71 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 66.46 | 609.34 | 2344 | 3.53 | 172.56 | 2151.69 | 9.97 | 91.40 | 263.96 | 700.74 | 2243.09 |
| C1026 | C1026 | C1012 | R | | | | 0.15 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 14.04 | 14.04 | 54 | 4.31 | 3.26 | 60.48 | 2.11 | 2.11 | 5.37 | 16.15 | 62.59 |
| C1025 | C1025 | C1024 | R | | | | 0.23 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 21.53 | 21.53 | 83 | 4.26 | 5.05 | 91.82 | 3.23 | 3.23 | 8.28 | 24.76 | 95.05 |
| C1024 | C1024 | C1017 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 21.53 | 83 | 4.26 | 5.05 | 91.82 | 0.00 | 3.23 | 8.28 | 24.76 | 95.05 |
| C1023 | C1023 | C1017 | R | R | R | P | 0.18 | 0.27 | 0.28 | 0.44 | 93.6 | 93.6 | 93.6 | 10.0 | 72.73 | 72.73 | 280 | 4.09 | 17.78 | 297.54 | 10.91 | 10.91 | 28.69 | 83.64 | 308.45 |
| C1022 | C1022 | C1021 | R | R | P | | 0.25 | 0.18 | 0.44 | | 93.6 | 93.6 | 10.0 | 0.0 | 44.65 | 44.65 | 172 | 4.17 | 10.70 | 186.24 | 6.70 | 6.70 | 17.40 | 51.35 | 192.94 |
| C1021 | C1021 | C1020 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 44.65 | 172 | 4.17 | 10.70 | 186.24 | 0.00 | 6.70 | 17.40 | 51.35 | 192.94 |
| C1020 | C1020 | C1019 | R | R | R | | 0.25 | 0.40 | 0.18 | | 93.6 | 93.6 | 93.6 | 0.0 | 77.69 | 122.34 | 471 | 3.99 | 30.68 | 487.82 | 11.65 | 18.35 | 49.03 | 140.69 | 506.17 |
| C1019 | C1019 | C1018 | R | | | | 0.23 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 21.53 | 143.87 | 553 | 3.95 | 36.41 | 568.48 | 3.23 | 21.58 | 57.99 | 165.45 | 590.06 |
| C1018 | C1018 | C1017 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 143.87 | 553 | 3.95 | 36.41 | 568.48 | 0.00 | 21.58 | 57.99 | 165.45 | 590.06 |
| C1017 | C1017 | C1016 | R | R | R | R | 0.23 | 0.23 | 0.27 | 0.18 | 93.6 | 93.6 | 93.6 | 93.6 | 85.18 | 323.31 | 1244 | 3.74 | 86.52 | 1208.16 | 12.78 | 48.50 | 135.02 | 371.81 | 1256.66 |
| C1016 | C1016 | C1015 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 323.31 | 1244 | 3.74 | 86.52 | 1208.16 | 0.00 | 48.50 | 135.02 | 371.81 | 1256.66 |
| C1015 | C1015 | C1014 | R | R | | | 0.23 | 0.25 | | | 93.6 | 93.6 | 0.0 | 0.0 | 44.93 | 368.24 | 1416 | 3.70 | 99.59 | 1361.57 | 6.74 | 55.24 | 154.83 | 423.48 | 1416.81 |
| C1014 | C1014 | C1013 | R | R | R | R | 0.15 | 0.13 | 0.23 | 0.25 | 93.6 | 93.6 | 93.6 | 93.6 | 71.14 | 439.38 | 1690 | 3.64 | 120.66 | 1600.01 | 10.67 | 65.91 | 186.57 | 505.29 | 1665.91 |
| C1013 | C1013 | C1012 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 439.38 | 1690 | 3.64 | 120.66 | 1600.01 | 0.00 | 65.91 | 186.57 | 505.29 | 1665.91 |
| C1012 | C1012 | C1011 | R | | | | 0.13 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 12.17 | 465.59 | 1791 | 3.62 | 128.52 | 1686.63 | 1.83 | 69.84 | 198.36 | 535.43 | 1756.47 |
| C1011 | C1011 | C1010 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 465.59 | 1791 | 3.62 | 128.52 | 1686.63 | 0.00 | 69.84 | 198.36 | 535.43 | 1756.47 |
| C1010 | C1010 | C1009 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 465.59 | 1791 | 3.62 | 128.52 | 1686.63 | 0.00 | 69.84 | 198.36 | 535.43 | 1756.47 |
| C1009 | C1009 | C1008 | R | R | R | | 0.28 | 0.51 | 0.13 | | 93.6 | 93.6 | 93.6 | 0.0 | 86.11 | 1450.26 | 5578 | 3.20 | 453.12 | 4641.76 | 12.92 | 217.54 | 670.65 | 1667.80 | 4859.30 |
| C1008 | C1008 | C1007 | R | R | | | 0.13 | 0.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 26.21 | 1476.47 | 5679 | 3.19 | 462.36 | 4714.82 | 3.93 | 221.47 | 683.83 | 1697.94 | 4936.29 |
| C1007 | C1007 | C1006 | R | | | | 0.15 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 14.04 | 1490.51 | 5733 | 3.19 | 467.33 | 4753.87 | 2.11 | 223.58 | 690.91 | 1714.09 | 4977.45 |
| C1006 | C1006 | C1005 | R | R | S | | 0.27 | 0.51 | 1.45 | | 93.6 | 93.6 | 50.0 | 0.0 | 145.51 | 1636.02 | 6292 | 3.15 | 519.19 | 5155.22 | 21.83 | 245.40 | 764.60 | 1881.42 | 5400.62 |
| C1005 | C1005 | C1004 | R | R | | | 0.28 | 0.20 | | | 93.6 | 93.6 | 0.0 | 0.0 | 44.93 | 1680.95 | 6465 | 3.14 | 535.37 | 5277.86 | 6.74 | 252.14 | 787.51 | 1933.09 | 5530.01 |
| C1004 | C1004 | C1003 | R | R | | | 0.28 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 54.29 | 1735.24 | 6674 | 3.13 | 555.00 | 5425.33 | 8.14 | 260.29 | 815.29 | 1995.53 | 5685.61 |
| C1003 | C1003 | C1002 | R | E | | | 0.2 | 0.22 | | | 93.6 | 50.0 | 0.0 | 0.0 | 29.72 | 1764.96 | 6788 | 3.12 | 565.79 | 5505.77 | 4.46 | 264.74 | 830.53 | 2029.70 | 5770.51 |
| C1002 | C1002 | C1001 | R | R | S | E | 0.3 | 0.21 | 1.45 | 0.25 | 93.6 | 93.6 | 50.0 | 50.0 | 132.74 | 2472.63 | 9510 | 2.98 | 830.76 | 7359.37 | 19.91 | 370.89 | 1201.66 | 2843.52 | 7730.26 |
| C1001 | C1001 | C10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2472.63 | 9510 | 2.98 | 830.76 | 7359.37 | 0.00 | 370.89 | 1201.66 | 2843.52 | 7730.26 |
| C0812 | C0812 | C0811 | R | R | | | 0.43 | 0.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 54.29 | 54.29 | 209 | 4.14 | 13.11 | 224.82 | 8.14 | 8.14 | 21.25 | 62.43 | 232.96 |
| C0811 | C0811 | C0807 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 54.29 | 209 | 4.14 | 13.11 | 224.82 | 0.00 | 8.14 | 21.25 | 62.43 | 232.96 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| C0810 | C0810 | C0809 | R | R | R | | 0.39 | 0.33 | 0.34 | | 93.6 | 93.6 | 93.6 | 0.0 | 99.22 | 99.22 | 382 | 4.03 | 24.61 | 400.01 | 14.88 | 14.88 | 39.49 | 114.10 | 414.90 |
| C0809 | C0809 | C0808 | R | | | | 0.48 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 44.93 | 144.15 | 554 | 3.95 | 36.49 | 569.52 | 6.74 | 21.62 | 58.11 | 165.77 | 591.15 |
| C0808 | C0808 | C0807 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 144.15 | 554 | 3.95 | 36.49 | 569.52 | 0.00 | 21.62 | 58.11 | 165.77 | 591.15 |
| C0807 | C0807 | C0806 | R | R | R | | 0.15 | 0.43 | 0.34 | | 93.6 | 93.6 | 93.6 | 0.0 | 86.11 | 284.55 | 1094 | 3.77 | 75.39 | 1074.04 | 12.92 | 42.68 | 118.07 | 327.23 | 1116.72 |
| C0806 | C0806 | C0805 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 284.55 | 1094 | 3.77 | 75.39 | 1074.04 | 0.00 | 42.68 | 118.07 | 327.23 | 1116.72 |
| C0805 | C0805 | C0804 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 284.55 | 1094 | 3.77 | 75.39 | 1074.04 | 0.00 | 42.68 | 118.07 | 327.23 | 1116.72 |
| C0804 | C0804 | C0803 | R | R | | | 0.18 | 0.15 | | | 93.6 | 93.6 | 0.0 | 0.0 | 30.89 | 315.44 | 1213 | 3.74 | 84.24 | 1181.12 | 4.63 | 47.32 | 131.56 | 362.76 | 1228.44 |
| C0803 | C0803 | C0802 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 315.44 | 1213 | 3.74 | 84.24 | 1181.12 | 0.00 | 47.32 | 131.56 | 362.76 | 1228.44 |
| C0802 | C0802 | C0801 | R | R | R | R | 0.27 | 0.18 | 0.43 | 0.15 | 93.6 | 93.6 | 93.6 | 93.6 | 96.41 | 411.85 | 1584 | 3.66 | 112.46 | 1508.33 | 14.46 | 61.78 | 174.23 | 473.63 | 1570.10 |
| C0801 | C0801 | C08 | R | R | | | 0.27 | 0.43 | | | 93.6 | 93.6 | 0.0 | 0.0 | 65.52 | 477.37 | 1836 | 3.61 | 132.08 | 1725.40 | 9.83 | 71.61 | 203.68 | 548.98 | 1797.00 |
| C46 | C45 | C45 | R | R | | | 0.19 | 0.50 | | | 93.6 | 93.6 | 0.0 | 0.0 | 64.58 | 64.58 | 248 | 4.11 | 15.70 | 265.59 | 9.69 | 9.69 | 25.39 | 74.27 | 275.27 |
| C45 | C45 | C44 | R | | | | 0.19 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 17.78 | 82.36 | 317 | 4.07 | 20.25 | 335.05 | 2.67 | 12.35 | 32.60 | 94.71 | 347.41 |
| C44 | C44 | C43 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 82.36 | 317 | 4.07 | 20.25 | 335.05 | 0.00 | 12.35 | 32.60 | 94.71 | 347.41 |
| C43 | C43 | C42 | R | P | | | 0.5 | 0.12 | | | 93.6 | 10.0 | 0.0 | 0.0 | 48.00 | 322.15 | 1239 | 3.74 | 86.18 | 1204.22 | 7.20 | 48.32 | 134.50 | 370.47 | 1252.54 |
| C42 | C42 | C41 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 322.15 | 1239 | 3.74 | 86.18 | 1204.22 | 0.00 | 48.32 | 134.50 | 370.47 | 1252.54 |
| C41 | C41 | C40 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 322.15 | 1239 | 3.74 | 86.18 | 1204.22 | 0.00 | 48.32 | 134.50 | 370.47 | 1252.54 |
| C40 | C40 | C39 | R | R | R | R | 0.54 | 0.50 | 0.92 | 0.42 | 93.6 | 93.6 | 93.6 | 93.6 | 222.77 | 641.33 | 2467 | 3.51 | 182.55 | 2253.10 | 33.42 | 96.20 | 278.75 | 737.53 | 2349.30 |
| C39 | C39 | C38 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 641.33 | 2467 | 3.51 | 182.55 | 2253.10 | 0.00 | 96.20 | 278.75 | 737.53 | 2349.30 |
| C38 | C38 | C37 | R | | | | 0.54 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 50.54 | 691.87 | 2661 | 3.49 | 198.46 | 2411.94 | 7.58 | 103.78 | 302.24 | 795.65 | 2515.72 |
| C37 | C37 | C36 | R | R | P | | 0.45 | 0.42 | 0.46 | | 93.6 | 93.6 | 10.0 | 0.0 | 86.03 | 777.90 | 2992 | 3.44 | 225.91 | 2678.61 | 12.90 | 116.69 | 342.60 | 894.59 | 2795.30 |
| C36 | C36 | C35 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.90 | 2992 | 3.44 | 225.91 | 2678.61 | 0.00 | 116.69 | 342.60 | 894.59 | 2795.30 |
| C35 | C35 | C34 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 777.90 | 2992 | 3.44 | 225.91 | 2678.61 | 0.00 | 116.69 | 342.60 | 894.59 | 2795.30 |
| C34 | C34 | C33 | R | R | R | | 0.45 | 0.42 | 0.23 | | 93.6 | 93.6 | 93.6 | 0.0 | 102.96 | 1854.13 | 7131 | 3.10 | 598.33 | 5745.63 | 15.44 | 267.86 | 866.19 | 2121.99 | 6013.49 |
| C33 | C33 | C32 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1854.13 | 7131 | 3.10 | 598.33 | 5745.63 | 0.00 | 267.86 | 866.19 | 2121.99 | 6013.49 |
| C32 | C32 | C31 | R | R | R | R | 0.23 | 0.45 | 0.18 | 0.37 | 93.6 | 93.6 | 93.6 | 93.6 | 115.13 | 2050.69 | 7887 | 3.06 | 670.97 | 6267.50 | 17.27 | 297.34 | 968.32 | 2348.03 | 6564.85 |
| C31 | C31 | C30 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2050.69 | 7887 | 3.06 | 670.97 | 6267.50 | 0.00 | 297.34 | 968.32 | 2348.03 | 6564.85 |
| C30 | C30 | C29 | R | E | | | 0.18 | 0.17 | | | 93.6 | 50.0 | 0.0 | 0.0 | 25.35 | 2188.44 | 8417 | 3.03 | 722.58 | 6627.98 | 3.80 | 318.01 | 1040.59 | 2506.45 | 6945.98 |
| C29 | C29 | C28 | R | | | | 0.1 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 9.36 | 2197.80 | 8453 | 3.03 | 726.11 | 6652.32 | 1.40 | 319.41 | 1045.52 | 2517.21 | 6971.73 |
| C28 | C28 | C27 | R | R | R | | 0.18 | 0.16 | 0.19 | | 93.6 | 93.6 | 93.6 | 0.0 | 49.61 | 2247.41 | 8644 | 3.02 | 744.85 | 6781.05 | 7.44 | 326.85 | 1071.70 | 2574.26 | 7107.90 |
| C27 | C27 | C26 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2247.41 | 8644 | 3.02 | 744.85 | 6781.05 | 0.00 | 326.85 | 1071.70 | 2574.26 | 7107.90 |
| C26 | C26 | C25 | R | R | B | | 0.19 | 0.19 | 0.14 | | 93.6 | 93.6 | 93.6 | 0.0 | 48.67 | 2535.55 | 9752 | 2.97 | 855.01 | 7519.21 | 7.30 | 370.07 | 1225.08 | 2905.62 | 7889.28 |
| C25 | C25 | C24 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2535.55 | 9752 | 2.97 | 855.01 | 7519.21 | 0.00 | 370.07 | 1225.08 | 2905.62 | 7889.28 |
| C24 | C24 | C23 | R | R | R | B | 0.15 | 0.22 | 0.19 | 0.14 | 93.6 | 93.6 | 93.6 | 93.6 | 65.52 | 2601.07 | 10004 | 2.95 | 880.37 | 7684.89 | 9.83 | 379.90 | 1260.27 | 2980.97 | 8064.80 |
| C23 | C23 | C22 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2601.07 | 10004 | 2.95 | 880.37 | 7684.89 | 0.00 | 379.90 | 1260.27 | 2980.97 | 8064.80 |
| C22 | C22 | C21 | R | R | R | R | 0.22 | 0.15 | 0.12 | 0.11 | 93.6 | 93.6 | 93.6 | 93.6 | 56.16 | 2915.42 | 11213 | 2.91 | 1003.54 | 8469.67 | 8.42 | 427.05 | 1430.60 | 3342.47 | 8896.73 |
| C21 | C21 | C20 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2915.42 | 11213 | 2.91 | 1003.54 | 8469.67 | 0.00 | 427.05 | 1430.60 | 3342.47 | 8896.73 |
| C20 | C20 | C19 | R | R | | | 0.11 | 0.12 | | | 93.6 | 93.6 | 0.0 | 0.0 | 21.53 | 3035.23 | 11674 | 2.89 | 1051.12 | 8764.61 | 3.23 | 445.02 | 1496.14 | 3480.25 | 9209.63 |
| C19 | C19 | C18 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3035.23 | 11674 | 2.89 | 1051.12 | 8764.61 | 0.00 | 445.02 | 1496.14 | 3480.25 | 9209.63 |
| C18 | C18 | C17 | R | R | | | 0.25 | 0.11 | | | 93.6 | 93.6 | 0.0 | 0.0 | 33.70 | 3068.93 | 11804 | 2.88 | 1064.56 | 8847.14 | 5.06 | 450.08 | 1514.64 | 3519.01 | 9297.22 |
| C17 | C17 | C16 | R | | | | 0.39 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 36.50 | 3105.43 | 11944 | 2.88 | 1079.14 | 8936.43 | 5.48 | 455.55 | 1534.70 | 3560.98 | 9391.99 |
| C16 | C16 | C15 | R | | | | 0.25 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 23.40 | 3128.83 | 12034 | 2.87 | 1088.51 | 8993.55 | 3.51 | 459.06 | 1547.58 | 3587.89 | 9452.61 |
| C15 | C15 | C14 | R | R | | | 0.13 | 0.25 | | | 93.6 | 93.6 | 0.0 | 0.0 | 35.57 | 3164.40 | 12171 | 2.87 | 1102.78 | 9080.20 | 5.34 | 464.40 | 1567.18 | 3628.80 | 9544.60 |
| C14 | C14 | C13 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3164.40 | 12171 | 2.87 | 1102.78 | 9080.20 | 0.00 | 464.40 | 1567.18 | 3628.80 | 9544.60 |
| C13 | C13 | C12 | R | R | R | R | 0.21 | 0.13 | 0.25 | 0.2 | 93.6 | 93.6 | 93.6 | 93.6 | 73.94 | 3238.34 | 12455 | 2.86 | 1132.51 | 9259.83 | 11.09 | 475.49 | 1608.00 | 3713.83 | 9735.32 |
| C12 | C12 | C11 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3238.34 | 12455 | 2.86 | 1132.51 | 9259.83 | 0.00 | 475.49 | 1608.00 | 3713.83 | 9735.32 |
| C11 | C11 | C10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3238.34 | 12455 | 2.86 | 1132.51 | 9259.83 | 0.00 | 475.49 | 1608.00 | 3713.83 | 9735.32 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|---------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| C10 | C10 | C09 | R | R | R | R | 0.5 | 0.21 | 0.20 | 0.5 | 93.6 | 93.6 | 93.6 | 93.6 | 131.98 | 5842.95 | 22473 | 2.60 | 2245.80 | 15201.76 | 19.80 | 866.18 | 3111.98 | 6709.13 | 16067.94 |
| C09 | C09 | C08 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5842.95 | 22473 | 2.60 | 2245.80 | 15201.76 | 0.00 | 866.18 | 3111.98 | 6709.13 | 16067.94 |
| C08 | C08 | C07 | R | R | | | 0.25 | 0.41 | | | 93.6 | 93.6 | 0.0 | 0.0 | 61.78 | 6382.10 | 24547 | 2.56 | 2489.64 | 16360.26 | 9.27 | 947.06 | 3436.70 | 7329.16 | 17307.32 |
| C07 | C07 | C06 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 6382.10 | 24547 | 2.56 | 2489.64 | 16360.26 | 0.00 | 947.06 | 3436.70 | 7329.16 | 17307.32 |
| C06 | C06 | C05 | R | | | | 0.27 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 25.27 | 6407.37 | 24644 | 2.56 | 2501.16 | 16414.11 | 3.79 | 950.85 | 3452.01 | 7358.22 | 17364.96 |
| C05 | C05 | C04 | R | R | R | R | 0.36 | 0.25 | 0.20 | 0.46 | 93.6 | 93.6 | 93.6 | 93.6 | 118.87 | 6526.24 | 25101 | 2.55 | 2555.49 | 16666.80 | 17.83 | 968.68 | 3524.16 | 7494.92 | 17635.48 |
| C04 | C04 | C03 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 6526.24 | 25101 | 2.55 | 2555.49 | 16666.80 | 0.00 | 968.68 | 3524.16 | 7494.92 | 17635.48 |
| C03 | C03 | C02 | R | R | | | 0.36 | 0.46 | | | 93.6 | 93.6 | 0.0 | 0.0 | 76.75 | 6602.99 | 25396 | 2.55 | 2590.66 | 16829.49 | 11.51 | 980.19 | 3570.85 | 7583.18 | 17809.68 |
| C02 | C02 | C01 | R | R | | | 0.43 | 0.36 | | | 93.6 | 93.6 | 0.0 | 0.0 | 73.94 | 6676.93 | 25681 | 2.54 | 2624.63 | 16985.79 | 11.09 | 991.28 | 3615.91 | 7668.21 | 17977.07 |
| C01 | C01 | A19 | R | R | R | | 0.43 | 0.36 | | | 93.6 | 93.6 | 0.0 | 0.0 | 73.94 | 6750.87 | 25965 | 2.54 | 2658.65 | 17141.86 | 11.09 | 1002.37 | 3661.02 | 7753.24 | 18144.23 |
| A8805 | A8805 | A8802 | R | R | | | 0.23 | 0.24 | | | 93.6 | 93.6 | 0.0 | 0.0 | 43.99 | 43.99 | 169 | 4.17 | 10.54 | 183.61 | 6.60 | 6.60 | 17.14 | 50.59 | 190.20 |
| A8804 | A8804 | A8803 | R | R | | | 0.23 | 0.48 | | | 93.6 | 93.6 | 0.0 | 0.0 | 66.46 | 66.46 | 256 | 4.11 | 16.18 | 272.95 | 9.97 | 9.97 | 26.15 | 76.43 | 282.92 |
| A8803 | A8803 | A8802 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 66.46 | 256 | 4.11 | 16.18 | 272.95 | 0.00 | 9.97 | 26.15 | 76.43 | 282.92 |
| A8802 | A8802 | A8801 | R | R | R | | 0.23 | 0.48 | 0.24 | | 93.6 | 93.6 | 93.6 | 0.0 | 88.92 | 199.37 | 767 | 3.87 | 51.50 | 771.83 | 13.34 | 29.91 | 81.40 | 229.28 | 801.73 |
| A8801 | A8801 | A88 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 199.37 | 767 | 3.87 | 51.50 | 771.83 | 0.00 | 29.91 | 81.40 | 229.28 | 801.73 |
| A8606 | A8606 | A8605 | R | R | R | | 0.08 | 0.13 | 0.70 | | 93.6 | 93.6 | 93.6 | 0.0 | 85.18 | 85.18 | 328 | 4.06 | 20.97 | 345.97 | 12.78 | 12.78 | 33.75 | 97.96 | 358.75 |
| A8605 | A8605 | A8601 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 85.18 | 328 | 4.06 | 20.97 | 345.97 | 0.00 | 12.78 | 33.75 | 97.96 | 358.75 |
| A8604 | A8604 | A8603 | R | R | R | | 0.2 | 0.36 | 1.42 | | 93.6 | 93.6 | 93.6 | 0.0 | 185.33 | 185.33 | 713 | 3.89 | 47.64 | 720.92 | 27.80 | 27.80 | 75.44 | 213.13 | 748.72 |
| A8603 | A8603 | A8602 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 185.33 | 713 | 3.89 | 47.64 | 720.92 | 0.00 | 27.80 | 75.44 | 213.13 | 748.72 |
| A8602 | A8602 | A8601 | R | | | | 0.2 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 18.72 | 204.05 | 785 | 3.87 | 52.79 | 788.72 | 2.81 | 30.61 | 83.40 | 234.66 | 819.33 |
| A8601 | A8601 | A86 | R | | | | 0.08 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 7.49 | 296.72 | 1141 | 3.76 | 78.87 | 1116.36 | 1.12 | 44.51 | 123.37 | 341.23 | 1160.87 |
| A8405 | A8405 | A84 | R | R | | | 0.09 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 36.50 | 36.50 | 140 | 4.20 | 8.69 | 153.32 | 5.48 | 5.48 | 14.16 | 41.98 | 158.80 |
| A8404 | A8404 | A8403 | R | R | R | R | 0.34 | 0.51 | 0.20 | 0.36 | 93.6 | 93.6 | 93.6 | 93.6 | 131.98 | 131.98 | 508 | 3.97 | 33.24 | 524.05 | 19.80 | 19.80 | 53.04 | 151.78 | 543.85 |
| A8403 | A8403 | A8402 | R | | | | 0.28 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 26.21 | 158.19 | 608 | 3.93 | 40.26 | 621.53 | 3.93 | 23.73 | 63.99 | 181.92 | 645.26 |
| A8402 | A8402 | A8401 | R | R | R | R | 0.28 | 0.29 | 0.17 | 0.2 | 93.6 | 93.6 | 93.6 | 93.6 | 87.98 | 246.17 | 947 | 3.82 | 64.52 | 939.17 | 13.20 | 36.93 | 101.45 | 283.10 | 976.09 |
| A8401 | A8401 | A84 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 246.17 | 947 | 3.82 | 64.52 | 939.17 | 0.00 | 36.93 | 101.45 | 283.10 | 976.09 |
| A8206 | A8206 | A8205 | R | R | | | 0.28 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 54.29 | 54.29 | 209 | 4.14 | 13.11 | 224.82 | 8.14 | 8.14 | 21.25 | 62.43 | 232.96 |
| A8205 | A8205 | A8204 | R | R | R | | 0.39 | 0.28 | 0.30 | | 93.6 | 93.6 | 93.6 | 0.0 | 90.79 | 145.08 | 558 | 3.95 | 36.74 | 572.95 | 13.62 | 21.76 | 58.50 | 166.84 | 594.72 |
| A8204 | A8204 | A8203 | R | | | | 0.39 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 36.50 | 181.58 | 698 | 3.90 | 46.62 | 707.30 | 5.48 | 27.24 | 73.85 | 208.82 | 734.54 |
| A8203 | A8203 | A8202 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 181.58 | 698 | 3.90 | 46.62 | 707.30 | 0.00 | 27.24 | 73.85 | 208.82 | 734.54 |
| A8202 | A8202 | A8201 | R | B | P | P | 0.09 | 0.18 | 0.35 | 1.37 | 93.6 | 93.6 | 10.0 | 10.0 | 42.47 | 224.05 | 862 | 3.84 | 58.34 | 860.50 | 6.37 | 33.61 | 91.94 | 257.66 | 894.11 |
| A8201 | A8201 | A82 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 224.05 | 862 | 3.84 | 58.34 | 860.50 | 0.00 | 33.61 | 91.94 | 257.66 | 894.11 |
| A6717 | A6717 | A6716 | R | R | R | | 0.63 | 0.37 | 0.17 | | 93.6 | 93.6 | 93.6 | 0.0 | 109.51 | 109.51 | 421 | 4.01 | 27.30 | 439.30 | 16.43 | 16.43 | 43.73 | 125.94 | 455.73 |
| A6716 | A6716 | A6715 | R | R | R | | 0.17 | 0.37 | 0.21 | | 93.6 | 93.6 | 93.6 | 0.0 | 70.20 | 179.71 | 691 | 3.90 | 46.11 | 700.47 | 10.53 | 26.96 | 73.06 | 206.67 | 727.43 |
| A6715 | A6715 | A6714 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 179.71 | 691 | 3.90 | 46.11 | 700.47 | 0.00 | 26.96 | 73.06 | 206.67 | 727.43 |
| A6714 | A6714 | A6701 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 179.71 | 691 | 3.90 | 46.11 | 700.47 | 0.00 | 26.96 | 73.06 | 206.67 | 727.43 |
| A6713 | A6713 | A6712 | R | R | R | | 0.28 | 0.39 | 0.20 | | 93.6 | 93.6 | 93.6 | 0.0 | 81.43 | 81.43 | 313 | 4.07 | 20.00 | 331.46 | 12.21 | 12.21 | 32.22 | 93.64 | 343.68 |
| A6712 | A6712 | A6711 | R | | | | 0.2 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 18.72 | 100.15 | 385 | 4.03 | 24.85 | 403.60 | 2.81 | 15.02 | 39.87 | 115.17 | 418.63 |
| A6711 | A6711 | A6710 | R | R | R | | 0.5 | 0.28 | 0.20 | | 93.6 | 93.6 | 93.6 | 0.0 | 91.73 | 191.88 | 738 | 3.88 | 49.44 | 744.73 | 13.76 | 28.78 | 78.22 | 220.66 | 773.51 |
| A6710 | A6710 | A6709 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 191.88 | 738 | 3.88 | 49.44 | 744.73 | 0.00 | 28.78 | 78.22 | 220.66 | 773.51 |
| A6709 | A6709 | A6708 | R | R | R | | 0.4 | 0.47 | 0.50 | | 93.6 | 93.6 | 93.6 | 0.0 | 128.23 | 320.11 | 1231 | 3.74 | 85.59 | 1197.21 | 19.23 | 48.02 | 133.61 | 368.13 | 1245.23 |
| A6708 | A6708 | A6707 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 320.11 | 1231 | 3.74 | 85.59 | 1197.21 | 0.00 | 48.02 | 133.61 | 368.13 | 1245.23 |
| A6707 | A6707 | A6706 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 320.11 | 1231 | 3.74 | 85.59 | 1197.21 | 0.00 | 48.02 | 133.61 | 368.13 | 1245.23 |
| A6706 | A6706 | A6705 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 320.11 | 1231 | 3.74 | 85.59 | 1197.21 | 0.00 | 48.02 | 133.61 | 368.13 | 1245.23 |
| A6705 | A6705 | A6704 | R | R | R | R | 0.5 | 0.58 | 0.47 | 0.4 | 93.6 | 93.6 | 93.6 | 93.6 | 182.52 | 502.63 | 1933 | 3.60 | 139.73 | 1808.08 | 27.38 | 75.39 | 215.12 | 578.02 | 1883.48 |
| A6704 | A6704 | A6703 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 502.63 | 1933 | 3.60 | 139.73 | 1808.08 | 0.00 | 75.39 | 215.12 | 578.02 | 1883.48 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| A6703 | A6703 | A6702 | R | R | | | 0.5 | 0.40 | | | 93.6 | 93.6 | 0.0 | 0.0 | 84.24 | 586.87 | 2257 | 3.54 | 165.58 | 2080.09 | 12.64 | 88.03 | 253.61 | 674.90 | 2168.12 |
| A6702 | A6702 | A6701 | R | R | R | R | 0.17 | 0.50 | 0.40 | 0.24 | 93.6 | 93.6 | 93.6 | 93.6 | 122.62 | 709.49 | 2729 | 3.48 | 204.05 | 2466.91 | 18.39 | 106.42 | 310.48 | 815.91 | 2573.33 |
| A6701 | A6701 | A67 | R | R | | | 0.17 | 0.24 | | | 93.6 | 93.6 | 0.0 | 0.0 | 38.38 | 927.58 | 3568 | 3.38 | 274.65 | 3132.76 | 5.76 | 139.14 | 413.78 | 1066.72 | 3271.90 |
| A5703 | A5703 | A5702 | R | R | R | | 0.21 | 0.30 | 0.35 | | 93.6 | 93.6 | 93.6 | 0.0 | 80.50 | 80.50 | 310 | 4.07 | 19.77 | 327.82 | 12.08 | 12.08 | 31.84 | 92.58 | 339.90 |
| A5702 | A5702 | A5701 | R | | | | 0.3 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 28.08 | 108.58 | 418 | 4.01 | 27.06 | 435.73 | 4.21 | 16.29 | 43.34 | 124.87 | 452.02 |
| A5701 | A5701 | A57 | R | | | | 0.21 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 19.66 | 128.24 | 493 | 3.98 | 32.24 | 510.06 | 2.95 | 19.24 | 51.48 | 147.48 | 529.29 |
| A5502 | A5502 | A5501 | R | R | R | | 0.35 | 0.21 | 0.22 | | 93.6 | 93.6 | 93.6 | 0.0 | 73.01 | 73.01 | 281 | 4.09 | 17.85 | 298.64 | 10.95 | 10.95 | 28.80 | 83.96 | 309.59 |
| A5501 | A5501 | A55 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 73.01 | 281 | 4.09 | 17.85 | 298.64 | 0.00 | 10.95 | 28.80 | 83.96 | 309.59 |
| A5313 | A5313 | A5312 | R | R | | | 0.53 | 0.26 | | | 93.6 | 93.6 | 0.0 | 0.0 | 73.94 | 73.94 | 284 | 4.09 | 18.08 | 302.31 | 11.09 | 11.09 | 29.18 | 85.03 | 313.40 |
| A5312 | A5312 | A5311 | R | R | | | 0.26 | 0.18 | | | 93.6 | 93.6 | 0.0 | 0.0 | 41.18 | 115.12 | 443 | 4.00 | 28.77 | 460.56 | 6.18 | 17.27 | 46.04 | 132.39 | 477.83 |
| A5311 | A5311 | A5310 | R | | | | 0.18 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 16.85 | 131.97 | 508 | 3.97 | 33.24 | 524.01 | 2.53 | 19.80 | 53.03 | 151.77 | 543.80 |
| A5310 | A5310 | A5309 | R | R | | | 0.26 | 0.18 | | | 93.6 | 93.6 | 0.0 | 0.0 | 41.18 | 173.15 | 666 | 3.91 | 44.32 | 676.48 | 6.18 | 25.97 | 70.29 | 199.12 | 702.46 |
| A5309 | A5309 | A5302 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 173.15 | 666 | 3.91 | 44.32 | 676.48 | 0.00 | 25.97 | 70.29 | 199.12 | 702.46 |
| A5308 | A5308 | A5307 | R | | | | 0.65 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 60.84 | 60.84 | 234 | 4.12 | 14.76 | 250.81 | 9.13 | 9.13 | 23.88 | 69.97 | 259.93 |
| A5307 | A5307 | A5303 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 60.84 | 234 | 4.12 | 14.76 | 250.81 | 0.00 | 9.13 | 23.88 | 69.97 | 259.93 |
| A5306 | A5306 | A5305 | R | R | | | 0.65 | 0.27 | | | 93.6 | 93.6 | 0.0 | 0.0 | 86.11 | 86.11 | 331 | 4.06 | 21.21 | 349.60 | 12.92 | 12.92 | 34.13 | 99.03 | 362.51 |
| A5305 | A5305 | A5304 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 86.11 | 331 | 4.06 | 21.21 | 349.60 | 0.00 | 12.92 | 34.13 | 99.03 | 362.51 |
| A5304 | A5304 | A5303 | R | R | | | 0.27 | 0.25 | | | 93.6 | 93.6 | 0.0 | 0.0 | 48.67 | 134.78 | 518 | 3.97 | 33.98 | 534.57 | 7.30 | 20.22 | 54.20 | 155.00 | 554.79 |
| A5303 | A5303 | A5302 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 195.62 | 752 | 3.88 | 50.46 | 758.30 | 0.00 | 29.34 | 79.81 | 224.96 | 787.65 |
| A5302 | A5302 | A5301 | R | P | | | 0.25 | 0.70 | | | 93.6 | 10.0 | 0.0 | 0.0 | 30.40 | 399.17 | 1535 | 3.67 | 108.70 | 1465.87 | 4.56 | 59.88 | 168.57 | 459.05 | 1525.74 |
| A5301 | A5301 | A53 | R | | | | 0.09 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 8.42 | 407.59 | 1568 | 3.67 | 111.19 | 1494.04 | 1.26 | 61.14 | 172.33 | 468.73 | 1555.18 |
| A4418 | A4418 | A4417 | R | | | | 0.28 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 26.21 | 26.21 | 101 | 4.24 | 6.18 | 111.19 | 3.93 | 3.93 | 10.11 | 30.14 | 115.12 |
| A4417 | A4417 | A4407 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 26.21 | 101 | 4.24 | 6.18 | 111.19 | 0.00 | 3.93 | 10.11 | 30.14 | 115.12 |
| A4416 | A4416 | A4415 | R | R | | | 0.28 | 0.47 | | | 93.6 | 93.6 | 0.0 | 0.0 | 70.20 | 70.20 | 270 | 4.10 | 17.13 | 287.65 | 10.53 | 10.53 | 27.66 | 80.73 | 298.18 |
| A4415 | A4415 | A4411 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 70.20 | 270 | 4.10 | 17.13 | 287.65 | 0.00 | 10.53 | 27.66 | 80.73 | 298.18 |
| A4414 | A4414 | A4413 | R | S | | | 0.34 | 0.91 | | | 93.6 | 50.0 | 0.0 | 0.0 | 77.32 | 77.32 | 297 | 4.08 | 18.95 | 315.49 | 11.60 | 11.60 | 30.55 | 88.92 | 327.09 |
| A4413 | A4413 | A4412 | R | | | | 0.42 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 39.31 | 116.63 | 449 | 4.00 | 29.17 | 466.26 | 5.90 | 17.49 | 46.67 | 134.12 | 483.76 |
| A4412 | A4412 | A4411 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 116.63 | 449 | 4.00 | 29.17 | 466.26 | 0.00 | 17.49 | 46.67 | 134.12 | 483.76 |
| A4411 | A4411 | A4410 | R | R | | | 0.42 | 0.47 | | | 93.6 | 93.6 | 0.0 | 0.0 | 83.30 | 270.13 | 1039 | 3.79 | 71.29 | 1023.58 | 12.50 | 40.52 | 111.81 | 310.65 | 1064.10 |
| A4410 | A4410 | A4409 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 270.13 | 1039 | 3.79 | 71.29 | 1023.58 | 0.00 | 40.52 | 111.81 | 310.65 | 1064.10 |
| A4409 | A4409 | A4408 | R | | | | 0.47 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 43.99 | 314.12 | 1208 | 3.75 | 83.86 | 1176.56 | 6.60 | 47.12 | 130.98 | 361.24 | 1223.68 |
| A4408 | A4408 | A4407 | R | R | | | 0.31 | 0.49 | | | 93.6 | 93.6 | 0.0 | 0.0 | 74.88 | 389.00 | 1496 | 3.68 | 105.70 | 1431.67 | 11.23 | 58.35 | 164.05 | 447.35 | 1490.02 |
| A4407 | A4407 | A4406 | R | R | | | 0.31 | 0.28 | | | 93.6 | 93.6 | 0.0 | 0.0 | 55.22 | 470.43 | 1809 | 3.62 | 129.98 | 1702.62 | 8.28 | 70.56 | 200.54 | 540.99 | 1773.18 |
| A4406 | A4406 | A4405 | R | R | | | 0.27 | 0.49 | | | 93.6 | 93.6 | 0.0 | 0.0 | 71.14 | 541.57 | 2083 | 3.57 | 151.62 | 1934.48 | 10.67 | 81.24 | 232.85 | 622.81 | 2015.72 |
| A4405 | A4405 | A4404 | R | | | | 0.3 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 28.08 | 569.65 | 2191 | 3.55 | 160.25 | 2024.91 | 4.21 | 85.45 | 245.70 | 655.10 | 2110.35 |
| A4404 | A4404 | A4403 | R | R | | | 0.49 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 73.94 | 643.59 | 2475 | 3.51 | 183.25 | 2260.30 | 11.09 | 96.54 | 279.79 | 740.13 | 2356.84 |
| A4403 | A4403 | A4402 | R | | | | 0.39 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 36.50 | 680.09 | 2616 | 3.49 | 194.74 | 2375.05 | 5.48 | 102.01 | 296.76 | 782.10 | 2477.06 |
| A4402 | A4402 | A4401 | R | | | | 0.26 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 24.34 | 704.43 | 2709 | 3.48 | 202.44 | 2451.19 | 3.65 | 105.66 | 308.11 | 810.09 | 2556.85 |
| A4401 | A4401 | A44 | R | | | | 0.09 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 8.42 | 712.85 | 2742 | 3.48 | 205.12 | 2477.36 | 1.26 | 106.93 | 312.05 | 819.78 | 2584.29 |
| A3706 | A3706 | A3705 | R | I | | | 1.08 | 2.70 | | | 93.6 | 10.0 | 0.0 | 0.0 | 128.09 | 128.09 | 493 | 3.98 | 32.20 | 509.46 | 15.16 | 15.16 | 143.25 | 524.62 | |
| A3705 | A3705 | A3704 | R | I | | | 0.33 | 2.70 | | | 93.6 | 10.0 | 0.0 | 0.0 | 57.89 | 185.98 | 715 | 3.89 | 47.82 | 723.32 | 4.63 | 19.80 | 67.62 | 205.78 | 743.12 |
| A3704 | A3704 | A3703 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 185.98 | 715 | 3.89 | 47.82 | 723.32 | 0.00 | 19.80 | 67.62 | 205.78 | 743.12 |
| A3703 | A3703 | A3702 | R | R | | | 0.5 | 1.10 | | | 93.6 | 93.6 | 0.0 | 0.0 | 149.76 | 335.74 | 1291 | 3.73 | 90.11 | 1250.88 | 22.46 | 42.26 | 132.37 | 378.00 | 1293.14 |
| A3702 | A3702 | A3701 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 335.74 | 1291 | 3.73 | 90.11 | 1250.88 | 0.00 | 42.26 | 132.37 | 378.00 | 1293.14 |
| A3701 | A3701 | A37 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 335.74 | 1291 | 3.73 | 90.11 | 1250.88 | 0.00 | 42.26 | 132.37 | 378.00 | 1293.14 |
| A3006 | A3006 | A3005 | R | R | | | 1.32 | 0.42 | | | 93.6 | 93.6 | 0.0 | 0.0 | 162.86 | 162.86 | 626 | 3.92 | 41.52 | 638.74 | 24.43 | 24.43 | 65.95 | 187.29 | 663.17 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|-------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| A3005 | A3005 | A3004 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 162.86 | 626 | 3.92 | 41.52 | 638.74 | 0.00 | 24.43 | 65.95 | 187.29 | 663.17 |
| A3004 | A3004 | A3003 | R | | | | 0.42 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 39.31 | 202.17 | 778 | 3.87 | 52.27 | 781.92 | 5.90 | 30.33 | 82.60 | 232.50 | 812.25 |
| A3003 | A3003 | A3002 | R | R | R | | 0.5 | 0.44 | 0.66 | | 93.6 | 93.6 | 93.6 | 0.0 | 149.76 | 351.93 | 1354 | 3.71 | 94.83 | 1306.11 | 22.46 | 52.79 | 147.62 | 404.72 | 1358.90 |
| A3002 | A3002 | A3001 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 351.93 | 1354 | 3.71 | 94.83 | 1306.11 | 0.00 | 52.79 | 147.62 | 404.72 | 1358.90 |
| A3001 | A3001 | A30 | R | | | | 0.5 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 46.80 | 398.73 | 1534 | 3.67 | 108.57 | 1464.33 | 7.02 | 59.81 | 168.38 | 458.54 | 1524.14 |
| A2156 | A2156 | A2155 | R | B | | | 0.25 | 0.30 | | | 93.6 | 93.6 | 0.0 | 0.0 | 51.48 | 51.48 | 198 | 4.15 | 12.41 | 213.62 | 7.72 | 7.72 | 20.13 | 59.20 | 221.34 |
| A2155 | A2155 | A2154 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 51.48 | 198 | 4.15 | 12.41 | 213.62 | 0.00 | 7.72 | 20.13 | 59.20 | 221.34 |
| A2154 | A2154 | A2153 | R | R | R | | 0.51 | 0.30 | 0.23 | | 93.6 | 93.6 | 93.6 | 0.0 | 97.34 | 148.82 | 572 | 3.94 | 37.74 | 586.87 | 14.60 | 22.32 | 60.06 | 171.14 | 609.19 |
| A2153 | A2153 | A2103 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 148.82 | 572 | 3.94 | 37.74 | 586.87 | 0.00 | 22.32 | 60.06 | 171.14 | 609.19 |
| A2152 | A2152 | A2151 | R | R | | | 0.3 | 0.17 | | | 93.6 | 93.6 | 0.0 | 0.0 | 43.99 | 43.99 | 169 | 4.17 | 10.54 | 183.61 | 6.60 | 6.60 | 17.14 | 50.59 | 190.20 |
| A2151 | A2151 | A2141 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 43.99 | 169 | 4.17 | 10.54 | 183.61 | 0.00 | 6.60 | 17.14 | 50.59 | 190.20 |
| A2150 | A2150 | A2149 | R | R | R | R | 0.1 | 0.28 | 0.21 | 0.03 | 93.6 | 93.6 | 93.6 | 93.6 | 58.03 | 58.03 | 223 | 4.13 | 14.05 | 239.69 | 8.70 | 8.70 | 22.75 | 66.73 | 248.39 |
| A2149 | A2149 | A2148 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 58.03 | 223 | 4.13 | 14.05 | 239.69 | 0.00 | 8.70 | 22.75 | 66.73 | 248.39 |
| A2148 | A2148 | A2141 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 58.03 | 223 | 4.13 | 14.05 | 239.69 | 0.00 | 8.70 | 22.75 | 66.73 | 248.39 |
| A2147 | A2147 | A2146 | R | R | R | | 0.3 | 0.40 | 0.25 | | 93.6 | 93.6 | 93.6 | 0.0 | 88.92 | 88.92 | 342 | 4.05 | 21.94 | 360.44 | 13.34 | 13.34 | 35.27 | 102.26 | 373.78 |
| A2146 | A2146 | A2145 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 88.92 | 342 | 4.05 | 21.94 | 360.44 | 0.00 | 13.34 | 35.27 | 102.26 | 373.78 |
| A2145 | A2145 | A2144 | R | R | R | R | 0.43 | 0.37 | 0.25 | 0.25 | 93.6 | 93.6 | 93.6 | 93.6 | 121.68 | 210.60 | 810 | 3.86 | 54.60 | 812.31 | 18.25 | 31.59 | 86.19 | 242.19 | 843.90 |
| A2144 | A2144 | A2143 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 210.60 | 810 | 3.86 | 54.60 | 812.31 | 0.00 | 31.59 | 86.19 | 242.19 | 843.90 |
| A2143 | A2143 | A2142 | R | R | R | | 0.28 | 0.30 | 0.25 | | 93.6 | 93.6 | 93.6 | 0.0 | 77.69 | 288.29 | 1109 | 3.77 | 76.46 | 1087.02 | 11.65 | 43.24 | 119.70 | 331.53 | 1130.26 |
| A2142 | A2142 | A2141 | R | | | | 0.17 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 15.91 | 304.20 | 1170 | 3.76 | 81.01 | 1142.27 | 2.39 | 45.63 | 126.64 | 349.83 | 1187.90 |
| A2141 | A2141 | A2140 | R | R | R | | 0.17 | 0.38 | 0.28 | | 93.6 | 93.6 | 93.6 | 0.0 | 77.69 | 483.91 | 1861 | 3.61 | 134.05 | 1746.87 | 11.65 | 72.59 | 206.64 | 556.50 | 1819.45 |
| A2140 | A2140 | A2103 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 483.91 | 1861 | 3.61 | 134.05 | 1746.87 | 0.00 | 72.59 | 206.64 | 556.50 | 1819.45 |
| A2139 | A2139 | A2138 | R | R | R | | 0.13 | 0.30 | 0.28 | | 93.6 | 93.6 | 93.6 | 0.0 | 66.46 | 66.46 | 256 | 4.11 | 16.18 | 272.95 | 9.97 | 9.97 | 26.15 | 76.43 | 282.92 |
| A2138 | A2138 | A2137 | R | | | | 0.1 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 9.36 | 75.82 | 292 | 4.08 | 18.57 | 309.61 | 1.40 | 11.37 | 29.94 | 87.19 | 320.98 |
| A2137 | A2137 | A2136 | R | R | | | 0.13 | 0.08 | | | 93.6 | 93.6 | 0.0 | 0.0 | 19.66 | 95.48 | 367 | 4.04 | 23.64 | 385.71 | 2.95 | 14.32 | 37.96 | 109.80 | 400.03 |
| A2136 | A2136 | A2135 | R | R | R | R | 0.13 | 0.08 | 0.10 | 0.1 | 93.6 | 93.6 | 93.6 | 93.6 | 38.38 | 133.86 | 515 | 3.97 | 33.74 | 531.10 | 5.76 | 20.08 | 53.82 | 153.94 | 551.18 |
| A2135 | A2135 | A2110 | R | | | | 0.06 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 5.62 | 139.48 | 536 | 3.96 | 35.24 | 552.13 | 0.84 | 20.92 | 56.16 | 160.40 | 573.05 |
| A2134 | A2134 | A2131 | R | R | | | 0.33 | 0.37 | | | 93.6 | 93.6 | 0.0 | 0.0 | 65.52 | 65.52 | 252 | 4.11 | 15.94 | 269.27 | 9.83 | 9.83 | 25.77 | 75.35 | 279.10 |
| A2133 | A2133 | A2132 | R | R | | | 0.35 | 0.33 | | | 93.6 | 93.6 | 0.0 | 0.0 | 63.65 | 63.65 | 245 | 4.11 | 15.47 | 261.89 | 9.55 | 9.55 | 25.02 | 73.20 | 271.44 |
| A2132 | A2132 | A2131 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 63.65 | 245 | 4.11 | 15.47 | 261.89 | 0.00 | 9.55 | 25.02 | 73.20 | 271.44 |
| A2131 | A2131 | A2130 | R | R | R | R | 0.25 | 0.20 | 0.33 | 0.37 | 93.6 | 93.6 | 93.6 | 93.6 | 107.64 | 236.81 | 911 | 3.83 | 61.90 | 905.97 | 16.15 | 35.52 | 97.42 | 272.33 | 941.49 |
| A2130 | A2130 | A2114 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 236.81 | 911 | 3.83 | 61.90 | 905.97 | 0.00 | 35.52 | 97.42 | 272.33 | 941.49 |
| A2129 | A2129 | A2128 | R | R | R | | 0.35 | 0.42 | 0.19 | | 93.6 | 93.6 | 93.6 | 0.0 | 89.86 | 89.86 | 346 | 4.05 | 22.18 | 364.05 | 13.48 | 13.48 | 35.66 | 103.34 | 377.53 |
| A2128 | A2128 | A2114 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 89.86 | 346 | 4.05 | 22.18 | 364.05 | 0.00 | 13.48 | 35.66 | 103.34 | 377.53 |
| A2127 | A2127 | A2126 | R | R | R | R | 0.09 | 0.13 | 0.13 | 0.08 | 93.6 | 93.6 | 93.6 | 93.6 | 40.25 | 40.25 | 155 | 4.19 | 9.61 | 168.50 | 6.04 | 6.04 | 15.65 | 46.29 | 174.54 |
| A2126 | A2126 | A2125 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 40.25 | 155 | 4.19 | 9.61 | 168.50 | 0.00 | 6.04 | 15.65 | 46.29 | 174.54 |
| A2125 | A2125 | A2124 | R | R | R | R | 0.19 | 0.09 | 0.08 | 0.13 | 93.6 | 93.6 | 93.6 | 93.6 | 45.86 | 86.11 | 331 | 4.06 | 21.21 | 349.60 | 6.88 | 12.92 | 34.13 | 99.03 | 362.51 |
| A2124 | A2124 | A2116 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 86.11 | 331 | 4.06 | 21.21 | 349.60 | 0.00 | 12.92 | 34.13 | 99.03 | 362.51 |
| A2123 | A2123 | A2122 | R | | | | 0.42 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 39.31 | 39.31 | 151 | 4.19 | 9.38 | 164.71 | 5.90 | 5.90 | 15.28 | 45.21 | 170.61 |
| A2122 | A2122 | A2117 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 39.31 | 151 | 4.19 | 9.38 | 164.71 | 0.00 | 5.90 | 15.28 | 45.21 | 170.61 |
| A2121 | A2121 | A2120 | R | P | | | 0.27 | 1.64 | | | 93.6 | 10.0 | 0.0 | 0.0 | 41.67 | 41.67 | 160 | 4.18 | 9.96 | 174.26 | 6.25 | 6.25 | 16.22 | 47.92 | 180.51 |
| A2120 | A2120 | A2119 | R | R | | | 0.27 | 0.40 | | | 93.6 | 93.6 | 0.0 | 0.0 | 62.71 | 104.38 | 401 | 4.02 | 25.95 | 419.78 | 9.41 | 15.66 | 41.61 | 120.04 | 435.44 |
| A2119 | A2119 | A2118 | R | R | | | 0.3 | 0.13 | | | 93.6 | 93.6 | 0.0 | 0.0 | 40.25 | 144.63 | 556 | 3.95 | 36.61 | 571.30 | 6.04 | 21.69 | 58.31 | 166.32 | 592.99 |
| A2118 | A2118 | A2117 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 144.63 | 556 | 3.95 | 36.61 | 571.30 | 0.00 | 21.69 | 58.31 | 166.32 | 592.99 |
| A2117 | A2117 | A2116 | R | R | R | R | 0.25 | 0.27 | 0.13 | 0.09 | 93.6 | 93.6 | 93.6 | 93.6 | 69.26 | 253.20 | 974 | 3.81 | 66.50 | 964.02 | 10.39 | 37.98 | 104.48 | 291.18 | 1002.00 |
| A2116 | A2116 | A2115 | R | R | R | R | 0.19 | 0.25 | 0.09 | 0.19 | 93.6 | 93.6 | 93.6 | 93.6 | 67.39 | 406.70 | 1564 | 3.67 | 110.93 | 1491.11 | 10.11 | 61.01 | 171.93 | 467.71 | 1552.11 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | | | | | | | | | | | |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| A2115 | A2115 | A2114 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 406.70 | 1564 | 3.67 | 110.93 | 1491.11 | 0.00 | 61.01 | 171.93 | 467.71 | 1552.11 |
| A2114 | A2114 | A2113 | R | R | R | R | 0.25 | 0.19 | 0.19 | 0.2 | 93.6 | 93.6 | 93.6 | 93.6 | 77.69 | 811.06 | 3119 | 3.43 | 236.60 | 2780.31 | 11.65 | 121.66 | 358.26 | 932.72 | 2901.97 |
| A2113 | A2113 | A2112 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 811.06 | 3119 | 3.43 | 236.60 | 2780.31 | 0.00 | 121.66 | 358.26 | 932.72 | 2901.97 |
| A2112 | A2112 | A2111 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 811.06 | 3119 | 3.43 | 236.60 | 2780.31 | 0.00 | 121.66 | 358.26 | 932.72 | 2901.97 |
| A2111 | A2111 | A2110 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 811.06 | 3119 | 3.43 | 236.60 | 2780.31 | 0.00 | 121.66 | 358.26 | 932.72 | 2901.97 |
| A2110 | A2110 | A2109 | R | R | | | 0.13 | 0.20 | | | 93.6 | 93.6 | 0.0 | 0.0 | 30.89 | 981.43 | 3775 | 3.36 | 292.46 | 3293.42 | 4.63 | 147.21 | 439.68 | 1128.64 | 3440.64 |
| A2109 | A2109 | A2108 | R | R | R | R | 0.48 | 0.20 | 0.06 | 0.15 | 93.6 | 93.6 | 93.6 | 93.6 | 83.30 | 1064.73 | 4095 | 3.32 | 320.30 | 3539.36 | 12.50 | 159.71 | 480.01 | 1224.44 | 3699.07 |
| A2108 | A2108 | A2107 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1064.73 | 4095 | 3.32 | 320.30 | 3539.36 | 0.00 | 159.71 | 480.01 | 1224.44 | 3699.07 |
| A2107 | A2107 | A2106 | R | R | R | R | 0.06 | 0.15 | 0.30 | 0.15 | 93.6 | 93.6 | 93.6 | 93.6 | 61.78 | 1126.51 | 4333 | 3.30 | 341.16 | 3719.77 | 9.27 | 168.98 | 510.13 | 1295.49 | 3888.75 |
| A2106 | A2106 | A2105 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1126.51 | 4333 | 3.30 | 341.16 | 3719.77 | 0.00 | 168.98 | 510.13 | 1295.49 | 3888.75 |
| A2105 | A2105 | A2104 | R | R | | | 0.15 | 0.21 | | | 93.6 | 93.6 | 0.0 | 0.0 | 33.70 | 1160.21 | 4462 | 3.29 | 352.60 | 3817.61 | 5.06 | 174.03 | 526.63 | 1334.24 | 3991.64 |
| A2104 | A2104 | A2103 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1160.21 | 4462 | 3.29 | 352.60 | 3817.61 | 0.00 | 174.03 | 526.63 | 1334.24 | 3991.64 |
| A2103 | A2103 | A2102 | R | R | R | R | 0.3 | 0.21 | 0.38 | 0.23 | 93.6 | 93.6 | 93.6 | 93.6 | 104.83 | 1897.77 | 7299 | 3.09 | 614.36 | 5862.27 | 15.72 | 284.67 | 899.02 | 2182.44 | 6146.94 |
| A2102 | A2102 | A2101 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1897.77 | 7299 | 3.09 | 614.36 | 5862.27 | 0.00 | 284.67 | 899.02 | 2182.44 | 6146.94 |
| A2101 | A2101 | A21 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1897.77 | 7299 | 3.09 | 614.36 | 5862.27 | 0.00 | 284.67 | 899.02 | 2182.44 | 6146.94 |
| A1614 | A1614 | A1613 | R | R | R | R | 0.19 | 0.32 | 0.14 | 0.12 | 93.6 | 93.6 | 93.6 | 93.6 | 72.07 | 72.07 | 277 | 4.09 | 17.61 | 294.98 | 10.81 | 10.81 | 28.42 | 82.88 | 305.80 |
| A1613 | A1613 | A1602 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 72.07 | 277 | 4.09 | 17.61 | 294.98 | 0.00 | 10.81 | 28.42 | 82.88 | 305.80 |
| A1612 | A1612 | A1611 | R | R | R | R | 0.32 | 0.20 | 0.16 | 0.14 | 93.6 | 93.6 | 93.6 | 93.6 | 76.75 | 76.75 | 295 | 4.08 | 18.80 | 313.26 | 11.51 | 11.51 | 30.32 | 88.26 | 324.77 |
| A1611 | A1611 | A1604 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 76.75 | 295 | 4.08 | 18.80 | 313.26 | 0.00 | 11.51 | 30.32 | 88.26 | 324.77 |
| A1610 | A1610 | A1609 | R | R | | | 0.2 | 0.40 | | | 93.6 | 93.6 | 0.0 | 0.0 | 56.16 | 56.16 | 216 | 4.14 | 13.58 | 232.26 | 8.42 | 8.42 | 22.00 | 64.58 | 240.68 |
| A1609 | A1609 | A1608 | R | | | | 0.18 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 16.85 | 73.01 | 281 | 4.09 | 17.85 | 298.64 | 2.53 | 10.95 | 28.80 | 83.96 | 309.59 |
| A1608 | A1608 | A1607 | R | R | | | 0.2 | 0.16 | | | 93.6 | 93.6 | 0.0 | 0.0 | 33.70 | 106.71 | 410 | 4.02 | 26.56 | 428.66 | 5.06 | 16.01 | 42.57 | 122.72 | 444.66 |
| A1607 | A1607 | A1606 | R | R | | | 0.16 | 0.18 | | | 93.6 | 93.6 | 0.0 | 0.0 | 31.82 | 138.53 | 533 | 3.96 | 34.98 | 548.55 | 4.77 | 20.78 | 55.76 | 159.31 | 569.33 |
| A1606 | A1606 | A1605 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 138.53 | 533 | 3.96 | 34.98 | 548.55 | 0.00 | 20.78 | 55.76 | 159.31 | 569.33 |
| A1605 | A1605 | A1604 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 138.53 | 533 | 3.96 | 34.98 | 548.55 | 0.00 | 20.78 | 55.76 | 159.31 | 569.33 |
| A1604 | A1604 | A1603 | R | R | | | 0.14 | 0.16 | | | 93.6 | 93.6 | 0.0 | 0.0 | 28.08 | 243.36 | 936 | 3.82 | 63.73 | 929.23 | 4.21 | 36.50 | 100.24 | 279.86 | 965.73 |
| A1603 | A1603 | A1602 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 243.36 | 936 | 3.82 | 63.73 | 929.23 | 0.00 | 36.50 | 100.24 | 279.86 | 965.73 |
| A1602 | A1602 | A1601 | R | R | | | 0.14 | 0.12 | | | 93.6 | 93.6 | 0.0 | 0.0 | 24.34 | 339.77 | 1307 | 3.72 | 91.29 | 1264.63 | 3.65 | 50.97 | 142.25 | 390.74 | 1315.60 |
| A1601 | A1601 | A16 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 339.77 | 1307 | 3.72 | 91.29 | 1264.63 | 0.00 | 50.97 | 142.25 | 390.74 | 1315.60 |
| A1017 | A1017 | A1014 | R | R | | | 0.46 | 0.36 | | | 93.6 | 93.6 | 0.0 | 0.0 | 76.75 | 76.75 | 295 | 4.08 | 18.80 | 313.26 | 11.51 | 11.51 | 30.32 | 88.26 | 324.77 |
| A1016 | A1016 | A1015 | R | R | | | 0.46 | 0.48 | | | 93.6 | 93.6 | 0.0 | 0.0 | 87.98 | 87.98 | 338 | 4.06 | 21.69 | 356.83 | 13.20 | 13.20 | 34.89 | 101.18 | 370.03 |
| A1015 | A1015 | A1014 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 87.98 | 338 | 4.06 | 21.69 | 356.83 | 0.00 | 13.20 | 34.89 | 101.18 | 370.03 |
| A1014 | A1014 | A1013 | R | R | R | | 0.48 | 0.46 | 0.36 | | 93.6 | 93.6 | 93.6 | 0.0 | 121.68 | 286.41 | 1102 | 3.77 | 75.92 | 1080.46 | 18.25 | 42.96 | 118.88 | 329.37 | 1123.42 |
| A1013 | A1013 | A1012 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 286.41 | 1102 | 3.77 | 75.92 | 1080.46 | 0.00 | 42.96 | 118.88 | 329.37 | 1123.42 |
| A1012 | A1012 | A1011 | R | R | R | R | 0.48 | 0.82 | 0.41 | 0.36 | 93.6 | 93.6 | 93.6 | 93.6 | 193.75 | 480.16 | 1847 | 3.61 | 132.92 | 1734.53 | 29.06 | 72.02 | 204.94 | 552.18 | 1806.56 |
| A1011 | A1011 | A1010 | R | | | | 0.41 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 38.38 | 518.54 | 1994 | 3.59 | 144.57 | 1859.90 | 5.76 | 77.78 | 222.35 | 596.32 | 1937.68 |
| A1010 | A1010 | A1009 | R | R | | | 0.41 | 0.12 | | | 93.6 | 93.6 | 0.0 | 0.0 | 49.61 | 568.15 | 2185 | 3.56 | 159.79 | 2020.11 | 7.44 | 85.22 | 245.01 | 653.37 | 2105.33 |
| A1009 | A1009 | A1008 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 568.15 | 2185 | 3.56 | 159.79 | 2020.11 | 0.00 | 85.22 | 245.01 | 653.37 | 2105.33 |
| A1008 | A1008 | A1007 | R | R | | | 0.12 | 0.29 | | | 93.6 | 93.6 | 0.0 | 0.0 | 38.38 | 606.53 | 2333 | 3.53 | 171.68 | 2142.77 | 5.76 | 90.98 | 262.66 | 697.51 | 2233.75 |
| A1007 | A1007 | A1006 | R | R | | | 0.12 | 0.53 | | | 93.6 | 93.6 | 0.0 | 0.0 | 60.84 | 667.37 | 2567 | 3.50 | 190.73 | 2335.14 | 9.13 | 100.11 | 290.84 | 767.48 | 2435.25 |
| A1006 | A1006 | A1005 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 667.37 | 2567 | 3.50 | 190.73 | 2335.14 | 0.00 | 100.11 | 290.84 | 767.48 | 2435.25 |
| A1005 | A1005 | A1004 | R | R | | | 0.53 | 0.29 | | | 93.6 | 93.6 | 0.0 | 0.0 | 76.75 | 744.12 | 2862 | 3.46 | 215.08 | 2574.43 | 11.51 | 111.62 | 326.70 | 855.74 | 2686.05 |
| A1004 | A1004 | A1003 | R | | | | 0.29 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 27.14 | 771.26 | 2966 | 3.45 | 223.77 | 2658.23 | 4.07 | 115.69 | 339.46 | 886.95 | 2773.92 |
| A1003 | A1003 | A1002 | R | R | | | 0.53 | 0.58 | | | 93.6 | 93.6 | 0.0 | 0.0 | 103.90 | 875.16 | 3366 | 3.40 | 257.44 | 2975.06 | 15.59 | 131.27 | 388.72 | 1006.43 | 3106.34 |
| A1002 | A1002 | A1001 | R | R | | | 0.53 | 0.58 | | | 93.6 | 93.6 | 0.0 | 0.0 | 103.90 | 979.06 | 3766 | 3.36 | 291.68 | 3286.37 | 15.59 | 146.86 | 438.54 | 1125.92 | 3433.23 |
| A1001 | A1001 | A10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 979.06 | 3766 | 3.36 | 291.68 | 3286.37 | 0.00 | 146.86 | 438.54 | 1125.92 | 3433.23 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|-------|---------|-------|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|--------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| A0716 | A0716 | A0715 | R | R | R | | 0.5 | 0.39 | 0.25 | | 93.6 | 93.6 | 93.6 | 0.0 | 106.70 | 106.70 | 410 | 4.02 | 26.56 | 428.62 | 16.01 | 16.01 | 42.57 | 122.71 | 444.62 |
| A0715 | A0715 | A0714 | R | | | | 0.25 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 23.40 | 130.10 | 500 | 3.97 | 32.74 | 517.05 | 3.51 | 19.52 | 52.25 | 149.62 | 536.56 |
| A0714 | A0714 | A0713 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 130.10 | 500 | 3.97 | 32.74 | 517.05 | 0.00 | 19.52 | 52.25 | 149.62 | 536.56 |
| A0713 | A0713 | A0712 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 130.10 | 500 | 3.97 | 32.74 | 517.05 | 0.00 | 19.52 | 52.25 | 149.62 | 536.56 |
| A0712 | A0712 | A0711 | R | R | R | | 0.3 | 0.39 | 0.25 | | 93.6 | 93.6 | 93.6 | 0.0 | 87.98 | 218.08 | 839 | 3.85 | 56.68 | 839.14 | 13.20 | 32.71 | 89.39 | 250.79 | 871.85 |
| A0711 | A0711 | A0710 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 218.08 | 839 | 3.85 | 56.68 | 839.14 | 0.00 | 32.71 | 89.39 | 250.79 | 871.85 |
| A0710 | A0710 | A0709 | R | | | | 0.3 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 28.08 | 246.16 | 947 | 3.82 | 64.52 | 939.13 | 4.21 | 36.92 | 101.45 | 283.08 | 976.05 |
| A0709 | A0709 | A0708 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 246.16 | 947 | 3.82 | 64.52 | 939.13 | 0.00 | 36.92 | 101.45 | 283.08 | 976.05 |
| A0708 | A0708 | A0707 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 246.16 | 947 | 3.82 | 64.52 | 939.13 | 0.00 | 36.92 | 101.45 | 283.08 | 976.05 |
| A0707 | A0707 | A0706 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 246.16 | 947 | 3.82 | 64.52 | 939.13 | 0.00 | 36.92 | 101.45 | 283.08 | 976.05 |
| A0706 | A0706 | A0705 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 246.16 | 947 | 3.82 | 64.52 | 939.13 | 0.00 | 36.92 | 101.45 | 283.08 | 976.05 |
| A0705 | A0705 | A0704 | I | | | | 5.46 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 54.60 | 300.76 | 1157 | 3.76 | 80.03 | 1130.34 | 0.00 | 36.92 | 116.95 | 337.68 | 1167.26 |
| A0704 | A0704 | A0703 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 300.76 | 1157 | 3.76 | 80.03 | 1130.34 | 0.00 | 36.92 | 116.95 | 337.68 | 1167.26 |
| A0703 | A0703 | A0702 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 300.76 | 1157 | 3.76 | 80.03 | 1130.34 | 0.00 | 36.92 | 116.95 | 337.68 | 1167.26 |
| A0702 | A0702 | A0701 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 300.76 | 1157 | 3.76 | 80.03 | 1130.34 | 0.00 | 36.92 | 116.95 | 337.68 | 1167.26 |
| A0701 | A0701 | A07 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 300.76 | 1157 | 3.76 | 80.03 | 1130.34 | 0.00 | 36.92 | 116.95 | 337.68 | 1167.26 |
| A90 | A90 | A89 | R | R | R | | 0.5 | 0.70 | 0.34 | | 93.6 | 93.6 | 93.6 | 0.0 | 144.14 | 144.14 | 554 | 3.95 | 36.48 | 569.48 | 21.62 | 21.62 | 58.10 | 165.76 | 591.10 |
| A89 | A89 | A88 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 144.14 | 554 | 3.95 | 36.48 | 569.48 | 0.00 | 21.62 | 58.10 | 165.76 | 591.10 |
| A88 | A88 | A87 | R | R | R | R | 0.3 | 0.13 | 0.70 | 0.24 | 93.6 | 93.6 | 93.6 | 93.6 | 128.23 | 471.74 | 1814 | 3.62 | 130.37 | 1706.93 | 19.23 | 70.76 | 201.13 | 542.50 | 1777.69 |
| A87 | A87 | A86 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 471.74 | 1814 | 3.62 | 130.37 | 1706.93 | 0.00 | 70.76 | 201.13 | 542.50 | 1777.69 |
| A86 | A86 | A85 | R | | | | 0.17 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 15.91 | 784.37 | 3017 | 3.44 | 227.99 | 2698.48 | 2.39 | 117.66 | 345.65 | 902.03 | 2816.14 |
| A85 | A85 | A84 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 784.37 | 3017 | 3.44 | 227.99 | 2698.48 | 0.00 | 117.66 | 345.65 | 902.03 | 2816.14 |
| A84 | A84 | A83 | R | R | | | 0.09 | 0.17 | | | 93.6 | 93.6 | 0.0 | 0.0 | 24.34 | 1091.38 | 4198 | 3.31 | 329.28 | 3617.35 | 3.65 | 163.71 | 492.98 | 1255.09 | 3781.05 |
| A83 | A83 | A82 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1091.38 | 4198 | 3.31 | 329.28 | 3617.35 | 0.00 | 163.71 | 492.98 | 1255.09 | 3781.05 |
| A82 | A82 | A81 | R | B | | | 0.09 | 0.18 | | | 93.6 | 93.6 | 0.0 | 0.0 | 25.27 | 1340.70 | 5157 | 3.23 | 414.75 | 4333.86 | 3.79 | 201.11 | 615.86 | 1541.81 | 4534.96 |
| A81 | A81 | A80 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1340.70 | 5157 | 3.23 | 414.75 | 4333.86 | 0.00 | 201.11 | 615.86 | 1541.81 | 4534.96 |
| A80 | A80 | A79 | R | R | B | | 0.22 | 0.29 | 0.18 | | 93.6 | 93.6 | 93.6 | 0.0 | 64.58 | 1405.28 | 5405 | 3.21 | 437.31 | 4515.85 | 9.69 | 210.79 | 648.10 | 1616.07 | 4726.64 |
| A79 | A79 | A78 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1405.28 | 5405 | 3.21 | 437.31 | 4515.85 | 0.00 | 210.79 | 648.10 | 1616.07 | 4726.64 |
| A78 | A78 | A77 | B | R | R | R | 0.18 | 0.22 | 0.73 | 0.15 | 93.6 | 93.6 | 93.6 | 93.6 | 119.81 | 1525.09 | 5866 | 3.18 | 479.59 | 4849.80 | 17.97 | 228.76 | 708.35 | 1753.85 | 5078.57 |
| A77 | A77 | A76 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1525.09 | 5866 | 3.18 | 479.59 | 4849.80 | 0.00 | 228.76 | 708.35 | 1753.85 | 5078.57 |
| A76 | A76 | A75 | R | E | | | 0.15 | 0.49 | | | 93.6 | 50.0 | 0.0 | 0.0 | 38.54 | 1563.63 | 6014 | 3.17 | 493.30 | 4956.32 | 5.78 | 234.54 | 727.84 | 1798.17 | 5190.87 |
| A75 | A75 | A74 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1563.63 | 6014 | 3.17 | 493.30 | 4956.32 | 0.00 | 234.54 | 727.84 | 1798.17 | 5190.87 |
| A74 | A74 | A73 | R | R | | | 0.56 | 0.64 | | | 93.6 | 93.6 | 0.0 | 0.0 | 112.32 | 1675.95 | 6446 | 3.14 | 533.57 | 5264.22 | 16.85 | 251.39 | 784.96 | 1927.34 | 5515.61 |
| A73 | A73 | A72 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1675.95 | 6446 | 3.14 | 533.57 | 5264.22 | 0.00 | 251.39 | 784.96 | 1927.34 | 5515.61 |
| A72 | A72 | A71 | R | S | | | 0.24 | 1.02 | | | 93.6 | 50.0 | 0.0 | 0.0 | 73.46 | 1749.41 | 6729 | 3.12 | 560.15 | 5463.64 | 11.02 | 262.41 | 822.56 | 2011.82 | 5726.05 |
| A71 | A71 | A70 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1749.41 | 6729 | 3.12 | 560.15 | 5463.64 | 0.00 | 262.41 | 822.56 | 2011.82 | 5726.05 |
| A70 | A70 | A69 | R | R | R | S | 0.24 | 0.64 | 0.52 | 1.02 | 93.6 | 93.6 | 93.6 | 50.0 | 182.04 | 1931.45 | 7429 | 3.08 | 626.77 | 5951.94 | 27.31 | 289.72 | 916.49 | 2221.17 | 6241.66 |
| A69 | A69 | A68 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 1931.45 | 7429 | 3.08 | 626.77 | 5951.94 | 0.00 | 289.72 | 916.49 | 2221.17 | 6241.66 |
| A68 | A68 | A67 | R | R | | | 0.5 | 0.24 | | | 93.6 | 93.6 | 0.0 | 0.0 | 69.26 | 2000.71 | 7695 | 3.07 | 652.39 | 6135.64 | 10.39 | 300.11 | 952.50 | 2300.82 | 6435.74 |
| A67 | A67 | A66 | R | R | | | 0.24 | 0.21 | | | 93.6 | 93.6 | 0.0 | 0.0 | 42.12 | 2970.41 | 11425 | 2.90 | 1025.34 | 8605.27 | 6.32 | 445.56 | 1470.90 | 3415.97 | 9050.83 |
| A66 | A66 | A65 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 2970.41 | 11425 | 2.90 | 1025.34 | 8605.27 | 0.00 | 445.56 | 1470.90 | 3415.97 | 9050.83 |
| A65 | A65 | A64 | R | | | | 0.21 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 19.66 | 2990.07 | 11500 | 2.89 | 1033.14 | 8653.72 | 2.95 | 448.51 | 1481.65 | 3438.58 | 9102.23 |
| A64 | A64 | A63 | R | R | | | 0.37 | 0.50 | | | 93.6 | 93.6 | 0.0 | 0.0 | 81.43 | 3071.50 | 11813 | 2.88 | 1065.58 | 8853.53 | 12.21 | 460.73 | 1526.30 | 3532.23 | 9314.26 |
| A63 | A63 | A62 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3071.50 | 11813 | 2.88 | 1065.58 | 8853.53 | 0.00 | 460.73 | 1526.30 | 3532.23 | 9314.26 |
| A62 | A62 | A61 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3071.50 | 11813 | 2.88 | 1065.58 | 8853.53 | 0.00 | 460.73 | 1526.30 | 3532.23 | 9314.26 |
| A61 | A61 | A60 | R | | | | 0.42 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 39.31 | 3110.81 | 11965 | 2.88 | 1081.30 | 8949.54 | 5.90 | 466.62 | 1547.92 | 3577.43 | 9416.16 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|------|---------|-----|----------|-----|-----|-----|-----------|------|------|------|---------|------|------|------|------------|------------|-----------|----------|------------|------------|------------|---------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| A60 | A60 | A59 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3110.81 | 11965 | 2.88 | 1081.30 | 8949.54 | 0.00 | 466.62 | 1547.92 | 3577.43 | 9416.16 |
| A59 | A59 | A58 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 3110.81 | 11965 | 2.88 | 1081.30 | 8949.54 | 0.00 | 466.62 | 1547.92 | 3577.43 | 9416.16 |
| A58 | A58 | A57 | R | | | | 0.42 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 39.31 | 3150.12 | 12116 | 2.87 | 1097.05 | 9045.43 | 5.90 | 472.52 | 1569.56 | 3622.64 | 9517.95 |
| A57 | A57 | A56 | R | | | | 0.2 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 18.72 | 3297.08 | 12681 | 2.85 | 1156.22 | 9401.94 | 2.81 | 494.56 | 1650.78 | 3791.64 | 9896.51 |
| A56 | A56 | A55 | R | | | | 0.2 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 18.72 | 3315.80 | 12753 | 2.85 | 1163.79 | 9447.14 | 2.81 | 497.37 | 1661.16 | 3813.17 | 9944.51 |
| A55 | A55 | A54 | R | R | R | R | 0.21 | 0.20 | 0.40 | 0.22 | 93.6 | 93.6 | 93.6 | 93.6 | 96.41 | 3485.22 | 13405 | 2.83 | 1232.67 | 9854.01 | 14.46 | 522.78 | 1755.46 | 4008.00 | 10376.79 |
| A54 | A54 | A53 | R | R | | | 0.09 | 0.43 | | | 93.6 | 93.6 | 0.0 | 0.0 | 48.67 | 3533.89 | 13592 | 2.82 | 1252.57 | 9970.23 | 7.30 | 530.08 | 1782.65 | 4063.97 | 10500.32 |
| A53 | A53 | A52 | R | P | P | | 0.43 | 0.05 | 0.70 | | 93.6 | 10.0 | 10.0 | 0.0 | 47.75 | 3989.23 | 15343 | 2.77 | 1441.02 | 11043.56 | 7.16 | 598.38 | 2039.40 | 4587.61 | 11641.94 |
| A52 | A52 | A51 | R | R | | | 0.43 | 0.36 | | | 93.6 | 93.6 | 0.0 | 0.0 | 73.94 | 4063.17 | 15628 | 2.76 | 1472.01 | 11215.54 | 11.09 | 609.48 | 2081.48 | 4672.65 | 11825.01 |
| A51 | A51 | A50 | R | S | | | 0.36 | 0.91 | | | 93.6 | 50.0 | 0.0 | 0.0 | 79.20 | 4142.37 | 15932 | 2.75 | 1505.30 | 11399.24 | 11.88 | 621.36 | 2126.65 | 4763.73 | 12020.59 |
| A50 | A50 | A49 | R | R | | | 0.36 | 0.38 | | | 93.6 | 93.6 | 0.0 | 0.0 | 69.26 | 4211.63 | 16199 | 2.74 | 1534.52 | 11559.21 | 10.39 | 631.74 | 2166.26 | 4843.37 | 12190.95 |
| A49 | A49 | A48 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 4211.63 | 16199 | 2.74 | 1534.52 | 11559.21 | 0.00 | 631.74 | 2166.26 | 4843.37 | 12190.95 |
| A48 | A48 | A47 | R | R | | | 0.38 | 0.23 | | | 93.6 | 93.6 | 0.0 | 0.0 | 57.10 | 4268.73 | 16418 | 2.74 | 1558.66 | 11690.84 | 8.57 | 640.31 | 2198.97 | 4909.04 | 12331.15 |
| A47 | A47 | A46 | R | R | R | S | 0.53 | 0.39 | 0.49 | 0.91 | 93.6 | 93.6 | 93.6 | 50.0 | 177.48 | 4446.21 | 17101 | 2.72 | 1634.10 | 12097.64 | 26.62 | 666.93 | 2301.03 | 5113.14 | 12764.57 |
| A46 | A46 | A45 | R | R | | | 0.49 | 0.39 | | | 93.6 | 93.6 | 0.0 | 0.0 | 82.37 | 4528.58 | 17418 | 2.71 | 1669.30 | 12285.38 | 12.36 | 679.29 | 2348.59 | 5207.87 | 12964.67 |
| A45 | A45 | A44 | R | | | | 0.31 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 29.02 | 4557.60 | 17529 | 2.71 | 1681.72 | 12351.45 | 4.35 | 683.64 | 2365.36 | 5241.24 | 13035.09 |
| A44 | A44 | A43 | R | R | R | | 0.49 | 0.31 | 0.09 | | 93.6 | 93.6 | 93.6 | 0.0 | 83.30 | 5353.75 | 20591 | 2.64 | 2028.10 | 14132.72 | 12.50 | 803.06 | 2831.17 | 6156.81 | 14935.78 |
| A43 | A43 | A42 | R | | | | 0.21 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 19.66 | 5373.41 | 20667 | 2.64 | 2036.79 | 14175.99 | 2.95 | 806.01 | 2842.80 | 6179.42 | 14982.01 |
| A42 | A42 | A41 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5373.41 | 20667 | 2.64 | 2036.79 | 14175.99 | 0.00 | 806.01 | 2842.80 | 6179.42 | 14982.01 |
| A41 | A41 | A40 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5373.41 | 20667 | 2.64 | 2036.79 | 14175.99 | 0.00 | 806.01 | 2842.80 | 6179.42 | 14982.01 |
| A40 | A40 | A39 | R | | | | 0.8 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 74.88 | 5448.29 | 20955 | 2.63 | 2069.90 | 14340.70 | 11.23 | 817.24 | 2887.15 | 6265.53 | 15157.94 |
| A39 | A39 | A38 | I | | | | 3.58 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 35.80 | 5484.09 | 21093 | 2.63 | 2085.77 | 14419.25 | 0.00 | 817.24 | 2903.01 | 6301.33 | 15236.49 |
| A38 | A38 | A37 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 5484.09 | 21093 | 2.63 | 2085.77 | 14419.25 | 0.00 | 817.24 | 2903.01 | 6301.33 | 15236.49 |
| A37 | A37 | A36 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 7995.01 | 30750 | 2.47 | 3241.18 | 19721.25 | 0.00 | 1168.79 | 4409.97 | 9163.80 | 20890.04 |
| A36 | A36 | A35 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 7995.01 | 30750 | 2.47 | 3241.18 | 19721.25 | 0.00 | 1168.79 | 4409.97 | 9163.80 | 20890.04 |
| A35 | A35 | A34 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 7995.01 | 30750 | 2.47 | 3241.18 | 19721.25 | 0.00 | 1168.79 | 4409.97 | 9163.80 | 20890.04 |
| A34 | A34 | A33 | I | I | | | 1.11 | 3.58 | | | 10.0 | 10.0 | 0.0 | 0.0 | 46.90 | 8041.91 | 30930 | 2.46 | 3263.48 | 19816.95 | 0.00 | 1168.79 | 4432.27 | 9210.70 | 20985.74 |
| A33 | A33 | A32 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 8041.91 | 30930 | 2.46 | 3263.48 | 19816.95 | 0.00 | 1168.79 | 4432.27 | 9210.70 | 20985.74 |
| A32 | A32 | A31 | I | | | | 1.11 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 11.10 | 8053.01 | 30973 | 2.46 | 3268.77 | 19839.54 | 0.00 | 1168.79 | 4437.56 | 9221.80 | 21008.32 |
| A31 | A31 | A30 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 8053.01 | 30973 | 2.46 | 3268.77 | 19839.54 | 0.00 | 1168.79 | 4437.56 | 9221.80 | 21008.32 |
| A30 | A30 | A29 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 8451.74 | 32507 | 2.44 | 3459.47 | 20648.25 | 0.00 | 1228.60 | 4688.06 | 9680.34 | 21876.85 |
| A29 | A29 | A28 | R | | | | 0.5 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 46.80 | 8498.54 | 32687 | 2.44 | 3481.96 | 20742.69 | 7.02 | 1235.62 | 4717.57 | 9734.16 | 21978.31 |
| A28 | A28 | A27 | R | R | | | 0.41 | 0.58 | | | 93.6 | 93.6 | 0.0 | 0.0 | 92.66 | 8591.20 | 33043 | 2.44 | 3526.55 | 20929.43 | 13.90 | 1249.52 | 4776.07 | 9840.72 | 22178.94 |
| A27 | A27 | A26 | R | R | | | 0.34 | 0.28 | | | 93.6 | 93.6 | 0.0 | 0.0 | 58.03 | 11390.88 | 43811 | 2.32 | 4913.27 | 26408.54 | 8.70 | 1669.47 | 6582.73 | 13060.35 | 28078.00 |
| A26 | A26 | A25 | R | R | | | 0.25 | 0.28 | | | 93.6 | 93.6 | 0.0 | 0.0 | 49.61 | 11440.49 | 44002 | 2.32 | 4938.47 | 26503.11 | 7.44 | 1676.91 | 6615.38 | 13117.40 | 28180.02 |
| A25 | A25 | A24 | R | | | | 0.25 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 23.40 | 11463.89 | 44092 | 2.32 | 4950.36 | 26547.70 | 3.51 | 1680.42 | 6630.78 | 13144.31 | 28228.12 |
| A24 | A24 | A23 | R | | | | 0.3 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 28.08 | 11491.97 | 44200 | 2.31 | 4964.64 | 26601.19 | 4.21 | 1684.63 | 6649.27 | 13176.60 | 28285.82 |
| A23 | A23 | A22 | R | R | | | 0.3 | 0.38 | | | 93.6 | 93.6 | 0.0 | 0.0 | 63.65 | 11555.62 | 44445 | 2.31 | 4997.04 | 26722.31 | 9.55 | 1694.18 | 6691.21 | 13249.80 | 28416.49 |
| A22 | A22 | A21 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 11555.62 | 44445 | 2.31 | 4997.04 | 26722.31 | 0.00 | 1694.18 | 6691.21 | 13249.80 | 28416.49 |
| A21 | A21 | A20 | R | R | | | 0.38 | 0.23 | | | 93.6 | 93.6 | 0.0 | 0.0 | 57.10 | 13510.49 | 51963 | 2.25 | 6007.20 | 30385.74 | 8.57 | 1987.41 | 7994.61 | 15497.90 | 32373.15 |
| A20 | A20 | A19 | R | R | | | 0.23 | 0.29 | | | 93.6 | 93.6 | 0.0 | 0.0 | 48.67 | 13559.16 | 52151 | 2.25 | 6032.73 | 30475.54 | 7.30 | 1994.71 | 8027.44 | 15553.87 | 32470.25 |
| A19 | A19 | A18 | R | R | | | 0.29 | 0.40 | | | 93.6 | 93.6 | 0.0 | 0.0 | 64.58 | 20374.61 | 78364 | 2.09 | 9751.90 | 42568.58 | 9.69 | 3006.77 | 12758.67 | 23381.38 | 45575.35 |
| A18 | A18 | A17 | R | | | | 0.19 | | | | 93.6 | 0.0 | 0.0 | 0.0 | 17.78 | 20392.39 | 78432 | 2.09 | 9761.93 | 42599.09 | 2.67 | 3009.43 | 12771.37 | 23401.82 | 45608.53 |
| A17 | A17 | A16 | R | R | R | R | 0.25 | 0.19 | 0.12 | 0.4 | 93.6 | 93.6 | 93.6 | 93.6 | 89.86 | 20482.25 | 78778 | 2.09 | 9812.70 | 42753.01 | 13.48 | 3022.91 | 12835.62 | 23505.16 | 45775.92 |
| A16 | A16 | A15 | R | R | | | 0.25 | 0.12 | | | 93.6 | 93.6 | 0.0 | 0.0 | 34.63 | 26114.03 | 100439 | 2.00 | 13067.23 | 52187.23 | 5.19 | 3867.68 | 16934.91 | 29981.71 | 56054.91 |
| A15 | A15 | A14 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 26114.03 | 100439 | 2.00 | 13067.23 | 52187.23 | 0.00 | 3867.68 | 16934.91 | 29981.71 | 56054.91 |

附錄 I 竹南頭份BOT污水下水道系統—集污量計算表

| 管線編號 | 人 孔 編 號 | | 土地類別 (A) | | | | 土地面積 (ha) | | | | 單位面積污水量 | | | | 收集污水量 | | | | | | 地下水滲水量 | | 總污水量 | | |
|------|---------|-----|----------|-----|-----|-----|-----------|------|------|-----|---------|------|------|-----|------------|------------|-----------|----------|------------|------------|------------|----------|------------|------------|------------|
| | 上游 | 下游 | | | | | A1 | A2 | A3 | A4 | B1 | B2 | B3 | B4 | 本管線 收集量 | 累計 (平均) | 當量 人口數 | 尖峰 係數 | 累計 (最小) | 累計 (尖峰) | 本管線 收集量 | 累計 | 累計 (最小) | 累計 (平均) | 累計 (尖峰) |
| | | | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | (1) | (2) | (3) | (4) | | | | | | | | | | | |
| A14 | A14 | A13 | P | P | | | 4.67 | 4.96 | | | 10.0 | 10.0 | 0.0 | 0.0 | 96.30 | 26210.33 | 100809 | 2.00 | 13124.03 | 52345.30 | 14.45 | 3882.12 | 17006.16 | 30092.45 | 56227.43 |
| A13 | A13 | A12 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 26210.33 | 100809 | 2.00 | 13124.03 | 52345.30 | 0.00 | 3882.12 | 17006.16 | 30092.45 | 56227.43 |
| A12 | A12 | A11 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 26210.33 | 100809 | 2.00 | 13124.03 | 52345.30 | 0.00 | 3882.12 | 17006.16 | 30092.45 | 56227.43 |
| A11 | A11 | A10 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 26210.33 | 100809 | 2.00 | 13124.03 | 52345.30 | 0.00 | 3882.12 | 17006.16 | 30092.45 | 56227.43 |
| A10 | A10 | A09 | R | R | I | | 0.53 | 0.58 | 5.46 | | 93.6 | 93.6 | 10.0 | 0.0 | 158.50 | 27347.89 | 105184 | 1.98 | 13797.80 | 54204.83 | 15.59 | 4044.57 | 17842.36 | 31392.46 | 58249.39 |
| A09 | A09 | A08 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 27347.89 | 105184 | 1.98 | 13797.80 | 54204.83 | 0.00 | 4044.57 | 17842.36 | 31392.46 | 58249.39 |
| A08 | A08 | A07 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 27347.89 | 105184 | 1.98 | 13797.80 | 54204.83 | 0.00 | 4044.57 | 17842.36 | 31392.46 | 58249.39 |
| A07 | A07 | A06 | I | I | | | 5.46 | 9.90 | | | 10.0 | 10.0 | 0.0 | 0.0 | 153.60 | 70440.89 | 270927 | 1.68 | 41822.88 | 118641.24 | 0.00 | 10442.74 | 52265.63 | 80883.63 | 129083.98 |
| A06 | A06 | A05 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 70440.89 | 270927 | 1.68 | 41822.88 | 118641.24 | 0.00 | 10442.74 | 52265.63 | 80883.63 | 129083.98 |
| A05 | A05 | A04 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 70440.89 | 270927 | 1.68 | 41822.88 | 118641.24 | 0.00 | 10442.74 | 52265.63 | 80883.63 | 129083.98 |
| A04 | A04 | A03 | I | | | | 9.9 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 99.00 | 70539.89 | 271307 | 1.68 | 41891.26 | 118780.78 | 0.00 | 10442.74 | 52334.00 | 80982.63 | 129223.52 |
| A03 | A03 | A02 | I | | | | 9.9 | | | | 10.0 | 0.0 | 0.0 | 0.0 | 99.00 | 70638.89 | 271688 | 1.68 | 41959.67 | 118920.21 | 0.00 | 10442.74 | 52402.41 | 81081.63 | 129362.96 |
| A02 | A02 | A01 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 70638.89 | 271688 | 1.68 | 41959.67 | 118920.21 | 0.00 | 10442.74 | 52402.41 | 81081.63 | 129362.96 |
| A01 | A01 | A00 | | | | | | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 70638.89 | 271688 | 1.68 | 41959.67 | 118920.21 | 0.00 | 10442.74 | 52402.41 | 81081.63 | 129362.96 |

註A：各數字表各土地類別代碼---例如 R 表住宅區(93.6CMD/ha)，B 表商業區(93.6CMD/ha)，I 表工業區(10CMD/ha)，S 表學校(50CMD/ha)，E 表機關用地(50CMD/ha)，P 表公園(10CMD/ha)。

註B：當量人口數係累計該管線所收集污水量除以每人每日單位污水量而得。

註C：尖峰係數採Harman公式計算而得{尖峰係數 $F_p = (18 + P^{0.5}) / (4 + P^{0.5})$ ，P=當量人口數(千人)}。

註D：本管線收集量係該管線所收集之各類土地面積乘以各類單位面積污水量之和。

註E：尖峰收集污水量係平均收集污水量乘以尖峰係數而得。