附件2

虎溪河截污干管W控制点坐标表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 编号 | 井编号 | 坐标值（m) | | 平面转角α（°） |
| X | Y |
| 1 | W-1 | 73347.169 | 39310.189 | -- |
| 2 | W-2 | 73419.535 | 39313.382 | 17.50° |
| 3 | W-3 | 73440.663 | 39321.085 | 16.60° |
| 4 | W-4 | 73450.544 | 39328.432 | 11.78° |
| 5 | W-5 | 73495.22 | 39378.783 | 3.45° |
| 6 | W-6 | 73503.958 | 39387.512 | 1.72° |
| 7 | W-7 | 73520.462 | 39403.033 | 1.39° |
| 8 | W-8 | 73545.803 | 39425.736 | 18.48° |
| 9 | W-9 | 73600.803 | 39449.505 | 1.40° |
| 10 | W-10 | 73671.434 | 39482.098 | 21.77° |
| 11 | W-11 | 73682.006 | 39493.254 | 0.06° |
| 12 | W-12 | 73691.116 | 39502.848 | 1.47° |
| 13 | W-13 | 73698.262 | 39509.997 | 0.00° |
| 14 | W-14 | 73709.413 | 39521.154 | 4.60° |
| 15 | W-15 | 73724.652 | 39534.13 | 5.16° |
| 16 | W-16 | 73737.733 | 39547.475 | 25.03° |
| 17 | W-17 | 73762.082 | 39616.639 | 18.99° |
| 18 | W-18 | 73762.303 | 39648.225 | 1.74° |
| 19 | W-19 | 73761.843 | 39667.932 | 0.61° |
| 20 | W-20 | 73760.586 | 39766.8 | 14.71° |
| 21 | W-21 | 73733.888 | 39863.469 | 9.24° |
| 22 | W-22 | 73724.138 | 39953.298 | 1.03° |
| 23 | W-23 | 73715.134 | 40052.895 | 6.36° |
| 24 | W-24 | 73716.82 | 40133.662 | 1.42° |
| 25 | W-25 | 73721.192 | 40229.332 | 16.41° |
| 26 | W-26 | 73750.925 | 40315.529 | 12.12° |
| 27 | W-27 | 73757.92 | 40373.273 | 6.66° |
| 28 | W-28 | 73782.562 | 40475.394 | 3.72° |
| 29 | W-29 | 73794.701 | 40545.313 | 50.73° |
| 30 | W-30 | 73851.964 | 40577.611 | -- |
| 31 | W-31 | 73651.283 | 40010.847 | -- |
| 32 | W-32 | 73644.373 | 40111.355 | 6.26° |
| 33 | W-33 | 73631.889 | 40180.818 | 3.98° |
| 34 | W-34 | 73621.336 | 40277.888 | 41.54° |
| 35 | W-35 | 73672.806 | 40350.478 | 3.07° |
| 36 | W-36 | 73713.927 | 40402.346 | 30.03° |
| 37 | W-37 | 73726.528 | 40487.957 | 12.89° |
| 38 | W-38 | 73722.109 | 40543.873 | 18.19° |
| 39 | W-39 | 73735.121 | 40597.355 | 50.67° |
| 40 | W-40 | 73822.626 | 40639.384 | 37.43° |
| 41 | W-41 | 73921.051 | 40618.872 | -- |

虎溪河截污干管WN控制点坐标表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 编号 | 井编号 | 坐标值（m) | | 平面转角α（°） |
| X | Y |
| 1 | WN-1 | 72935.622 | 38637.7 | -- |
| 2 | WN-2 | 72973.792 | 38638.351 | 52.27° |
| 3 | WN-2-1 | 72989.238 | 38659.01 | 27.49° |
| 4 | WN-3 | 72998.022 | 38712.669 | 32.98° |
| 5 | WN-4 | 73027.607 | 38745.21 | 12.43° |
| 6 | WN-5 | 73092.878 | 38791.406 | 79.57° |
| 7 | WN-6 | 73079.086 | 38821.168 | 7.93° |
| 8 | WN-7 | 73045.204 | 38873.755 | 6.93° |
| 9 | WN-8 | 73006.949 | 38952.674 | 32.57° |
| 10 | WN-10 | 73019.249 | 39057.218 | 52.15° |
| 11 | WN-11 | 73080.101 | 39093.979 | 61.91° |
| 12 | WN-12 | 73148.385 | 39053.319 | 18.04° |
| 13 | WN-13 | 73201.705 | 39041.276 | 4.56° |
| 14 | WN-14 | 73254.099 | 39024.971 | 7.01° |
| 15 | WN-15 | 73269.8 | 39022.125 | 51.87° |
| 16 | WN-16 | 73291.352 | 39041.261 | 39.94° |
| 17 | WN-17 | 73301.062 | 39106.573 | 24.24° |
| 18 | WN-18 | 73287.012 | 39156.265 | 19.88° |
| 19 | WN-19 | 73292.495 | 39232.909 | 6.98° |
| 20 | WN-20 | 73288.973 | 39302.7 | 31.01° |
| 21 | WN-21 | 73305.525 | 39333.674 | 50.78° |
| 22 | WN-22 | 73414.542 | 39355.066 | 52.12° |
| 23 | WN-23 | 73455.423 | 39436.079 | 31.04° |
| 24 | WN-24 | 73533.055 | 39484.936 | 1.75° |
| 25 | WN-25 | 73590.685 | 39523.71 | 2.35° |
| 26 | WN-26 | 73670.576 | 39572.818 | 12.55° |
| 27 | WN-27 | 73709.878 | 39586.374 | 65.02° |
| 28 | WN-28 | 73713.361 | 39619.782 | -- |

虎溪河截污干管WD控制点坐标表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 编号 | 井编号 | 坐标值（m) | | 平面转角α（°） |
| X | Y |
| 1 | WD-1 | 71384.32 | 36864.279 | -- |
| 2 | WD-4 | 71418.715 | 36926.746 | 53.59° |
| 3 | WD-7 | 71501.377 | 36937.734 | 3.42° |
| 4 | WD-8 | 71590.322 | 36955.012 | 18.00° |
| 5 | WD-9 | 71630.262 | 36950.101 | 28.55° |
| 6 | WD-11 | 71700.732 | 36899.729 | 19.03° |
| 7 | WD-18 | 71744.949 | 36886.605 | 24.35° |
| 8 | WD-19 | 71845.964 | 36900.48 | 0.56° |

虎溪河截污干管WB控制点坐标表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 编号 | 井编号 | 坐标值（m) | | 平面转角α（°） |
| X | Y |
| 1 | WB-1 | 72034.716 | 37095.857 | -- |
| 2 | WB-17 | 72036.326 | 37128.638 | 15.13° |
| 3 | WB-17-1 | 72030.809 | 37153.913 | 18.80° |
| 4 | WB-18 | 72003.732 | 37198.771 | 20.30° |
| 5 | WB-19 | 71965.364 | 37229.383 | 53.22° |
| 6 | WB-19-1 | 71966.227 | 37256.735 | 25.20° |
| 7 | WB-20 | 72015.837 | 37354.073 | 26.10° |
| 8 | WB-21 | 72016.142 | 37373.282 | 26.32° |
| 9 | WB-22 | 71999.968 | 37407.317 | 44.61° |
| 10 | WB-23 | 72019.309 | 37462.87 | 7.23° |
| 11 | WB-24 | 72031.172 | 37518.828 | 10.46° |
| 12 | WB-25 | 72033.545 | 37609.216 | 3.00° |
| 13 | WB-26 | 72032.754 | 37639.418 | 50.21° |
| 14 | WB-27 | 72110.35 | 37707.57 | 1.57° |
| 15 | WB-28 | 72154.33 | 37748.386 | 18.74° |
| 16 | WB-28-1 | 72177.147 | 37790.583 | 7.68° |
| 17 | WB-29 | 72191.58 | 37828.736 | 16.35° |
| 18 | WB-30 | 72240.964 | 37894.094 | 23.98° |
| 19 | WB-31 | 72332.75 | 37944.851 | 12.18° |
| 20 | WB-32 | 72417.258 | 37970.307 | 4.50° |
| 21 | WB-33 | 72481.887 | 37984.352 | 6.48° |
| 22 | WB-34 | 72513.676 | 37995.136 | 6.75° |
| 23 | WB-35 | 72530.266 | 38003.044 | 21.84° |
| 24 | WB-36 | 72543.679 | 38017.594 | 42.30° |
| 25 | WB-37 | 72544.02 | 38070.032 | 12.16° |
| 26 | WB-38 | 72529.145 | 38141.306 | 69.19° |
| 27 | WB-38-1 | 72587.256 | 38178.474 | 0.26° |
| 28 | WB-39 | 72619.677 | 38199.422 | 0.78° |
| 29 | WB-40 | 72636.43 | 38209.927 | 14.75° |
| 30 | WB-41 | 72657.965 | 38232.888 | 7.73° |
| 31 | WB-41-1 | 72707.984 | 38303.192 | 54.77° |
| 32 | WB-42 | 72722.289 | 38303.143 | 64.29° |
| 33 | WB-44 | 72741.183 | 38342.046 | 13.45° |
| 34 | WB-45 | 72754.433 | 38402.031 | 3.31° |
| 35 | WB-46 | 72769.06 | 38453.84 | 3.96° |
| 36 | WB-47 | 72780.416 | 38485.515 | 40.82° |
| 37 | WB-49 | 72960.588 | 38587.271 | 12.44° |
| 38 | WB-53 | 73025.453 | 38645.459 | 44.32° |
| 39 | WB-54 | 73029.547 | 38707.274 | 55.23° |
| 40 | WB-55 | 73075.639 | 38734.944 | 4.57° |
| 41 | WB-56 | 73095.958 | 38749.461 | 5.43° |
| 42 | WB-57 | 73144.504 | 38777.617 | 27.95° |
| 43 | WB-58 | 73151.24 | 38788.424 | 59.46° |
| 44 | WB-59 | 73126.492 | 38835.909 | 7.71° |
| 45 | WB-60 | 73090.921 | 38886.267 | 1.15° |
| 46 | WB-61 | 73054.247 | 38936.043 | 13.71° |
| 47 | WB-62 | 73040.632 | 38968.638 | 38.86° |
| 48 | WB-63 | 73050.442 | 39002.433 | 4.10° |
| 49 | WB-64 | 73067.676 | 39049.043 | 85.86° |
| 50 | WB-65 | 73125.86 | 39032.187 | 16.90° |
| 51 | WB-66 | 73169.919 | 39003.512 | 26.61° |
| 52 | WB-67 | 73200.849 | 39000.018 | 3.61° |
| 53 | WB-68 | 73237.774 | 38998.186 | 17.97° |
| 54 | WB-69 | 73290.094 | 38978.3 | 57.51° |
| 55 | WB-70 | 73338.85 | 39014.644 | 43.95° |
| 56 | WB-75 | 73340.619 | 39025.392 | 7.61° |
| 57 | WB-71 | 73341.255 | 39046.408 | 15.63° |
| 58 | WB-72 | 73344.748 | 39057.575 | 20.16° |
| 59 | WB-73 | 73341.479 | 39124.541 | 29.77° |
| 60 | WB-74 | 73336.543 | 39132.271 | -- |

虎溪河截污干管WC控制点坐标表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 编号 | 井编号 | 坐标值（m) | | 平面转角α（°） |
| X | Y |
| 1 | WC-1 | 71378.55 | 36735.378 | -- |
| 2 | WC-2 | 71412.019 | 36742.884 | 76.43° |
| 3 | WC-3 | 71412.796 | 36790.949 | 3.43° |
| 4 | WC-4 | 71416.191 | 36835.519 | 12.77° |
| 5 | WC-5 | 71427.98 | 36873.772 | 10.21° |
| 6 | WC-6 | 71438.555 | 36894.231 | 23.08° |
| 7 | WC-7 | 71455.014 | 36907.839 | 34.69° |
| 8 | WC-8 | 71486.302 | 36910.521 | 17.08° |
| 9 | WC-9 | 71506.338 | 36906.196 | 12.53° |
| 10 | WC-10 | 71534.032 | 36906.366 | 5.88° |
| 11 | WC-11 | 71555.987 | 36908.764 | 3.34° |
| 12 | WC-12 | 71568.334 | 36910.846 | 20.56° |
| 13 | WC-13 | 71588.508 | 36922.556 | 52.01° |
| 14 | WC-14 | 71607.904 | 36914.768 | 12.81° |
| 15 | WC-15 | 71705.861 | 36846.97 | 31.55° |
| 16 | WC-21 | 71802.979 | 36841.653 | 10.08° |
| 17 | WC-22 | 71848.941 | 36847.253 | 53.61° |
| 18 | WC-23 | 71881.985 | 36905.788 | 30.55° |
| 19 | WC-24 | 71880.068 | 37005.213 | 45.86° |
| 20 | WC-26 | 71977.361 | 37103.334 | 72.01° |
| 21 | WC-27 | 71943.334 | 37169.382 | 3.86° |
| 22 | WC-28 | 71904.446 | 37259.277 | 43.29° |
| 23 | WC-29 | 71927.126 | 37321.93 | 38.50° |
| 24 | WC-30 | 71891.896 | 37426.61 | 61.75° |
| 25 | WC-31 | 71967.166 | 37506.906 | 40.39° |
| 26 | WC-32 | 71971.955 | 37606.154 | 17.27° |
| 27 | WC-33 | 71994.472 | 37667.924 | 26.63° |
| 28 | WC-34 | 72045.849 | 37716.412 | -- |
| 29 | WC-34-1 | 72071.08 | 37740.226 | 15.03° |
| 30 | WC-35 | 72095.888 | 37780.506 | 21.63° |
| 31 | WC-36 | 72139.215 | 37812.856 | 0.96° |
| 32 | WC-37 | 72149.345 | 37820.158 | -- |
| 33 | WC-38 | 72163.748 | 37832.314 | 21.96° |
| 34 | WC-39 | 72199.283 | 37899.5 | 20.07° |
| 35 | WC-41 | 72236.391 | 37932.981 | 0.03° |
| 36 | WC-42 | 72272.097 | 37965.227 | 2.48° |
| 37 | WC-43 | 72336.341 | 38018.395 | 3.23° |
| 38 | WC-44 | 72405.318 | 38082.366 | 4.38° |
| 39 | WC-45 | 72466.141 | 38148.105 | 4.76° |
| 40 | WC-46 | 72530.404 | 38206.907 | 8.55° |
| 41 | WC-47 | 72603.575 | 38256.089 | 10.14° |
| 42 | WC-48 | 72667.969 | 38318.377 | 6.35° |
| 43 | WC-49 | 72699.551 | 38356.545 | 21.74° |
| 44 | WC-50 | 72726.795 | 38441.072 | 4.32° |
| 45 | WC-51 | 72743.155 | 38481.187 | 17.18° |
| 46 | WC-52 | 72765.394 | 38508.288 | 47.51° |
| 47 | WC-53 | 72764.352 | 38515.577 | 15.75° |
| 48 | WC-54 | 72770.769 | 38563.577 | 36.15° |
| 49 | WC-55 | 72782.692 | 38576.023 | 44.11° |
| 50 | WC-56 | 72782.532 | 38603.103 | 19.73° |
| 51 | WC-56-1 | 72788.573 | 38620.265 | 29.22° |
| 52 | WC-56-2 | 72803.611 | 38633.52 | 35.16° |
| 53 | WC-57 | 72827.373 | 38636.116 | 6.14° |
| 54 | WC-147 | 72916.581 | 38636.271 | 24.95° |
| 55 | WC-58 | 72919.727 | 38634.814 | 25.49° |
| 56 | WC-58-1 | 72935.451 | 38634.991 | -- |

奔路坎支流截污干管控制点坐标表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 编号 | 井编号 | 坐标值（m) | | 平面转角α（°） |
| X | Y |
| 1 | W2-117 | 66344.688 | 45791.678 | -- |
| 2 | W2-118 | 66366.867 | 45771.523 | 7.60° |
| 3 | W2-119 | 66385.772 | 45749.101 | 6.80° |
| 4 | W2-120 | 66402.35 | 45723.901 | 10.79° |
| 5 | W2-121 | 66409.402 | 45706.918 | 29.90° |
| 6 | W2-122 | 66422.141 | 45697.127 | 54.43° |
| 7 | W2-123 | 66421.297 | 45672.645 | 25.83° |
| 8 | W2-124 | 66410.543 | 45652.254 | 17.19° |
| 9 | W2-125 | 66392.301 | 45634.009 | 79.92° |
| 10 | W2-126 | 66399.103 | 45624.269 | 22.23° |
| 11 | W2-127 | 66412.526 | 45615.604 | 25.54° |
| 12 | W2-128 | 66428.249 | 45590.066 | 15.56° |
| 13 | W2-129 | 66450.169 | 45569.757 | 2.26° |
| 14 | W2-130 | 66466.711 | 45555.601 | 19.57° |
| 15 | W2-131 | 66484.679 | 45524.325 | 11.46° |
| 16 | W2-132 | 66500.375 | 45506.481 | 2.59° |
| 17 | W2-133 | 66521.341 | 45484.712 | 18.4° |
| 18 | W2-134 | 66529.527 | 45467.535 | 1.78° |
| 19 | W2-135 | 66536.301 | 45452.099 | 27.69° |
| 20 | W2-136 | 66562.632 | 45431.073 | -- |

含湖水库截污干管控制点坐标表

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 编号 | 井编号 | 坐标值（m) | | 平面转角α（°） |
| X | Y |
| 1 | W1-1 | 65587.375 | 43504.563 | -- |
| 2 | W1-2 | 65588.894 | 43532.239 | 7.91° |
| 3 | W1-3 | 65586.609 | 43562.537 | 21.84° |
| 4 | W1-4 | 65569.681 | 43587.378 | 6.41° |
| 5 | W1-5 | 65551.139 | 43611.187 | 9.82° |
| 6 | W1-6 | 65537.422 | 43637.912 | 12.71° |
| 7 | W1-7 | 65529.626 | 43668.001 | 3.24° |
| 8 | W1-8 | 65523.844 | 43697.707 | 36.85° |
| 9 | W1-9 | 65536.444 | 43724.971 | 3.73° |
| 10 | W1-10 | 65552.217 | 43750.555 | 13.09° |
| 11 | W1-11 | 65564.403 | 43764.495 | 30.28° |
| 12 | W1-12 | 65579.007 | 43767.993 | 33.38° |
| 13 | W1-13 | 65607.407 | 43758.739 | 17.26° |
| 14 | W1-14 | 65632.635 | 43741.967 | 11.83° |
| 15 | W1-15 | 65653.296 | 43720.326 | 6.38° |
| 16 | W1-16 | 65669.813 | 43700.774 | 77.07° |
| 17 | W1-17 | 65691.428 | 43712.085 | 8.12° |
| 18 | W1-18 | 65703.212 | 43720.235 | 2.91° |
| 19 | W1-55 | 65717.788 | 43730.489 | 56.24° |
| 20 | W1-20 | 65719.917 | 43743.635 | 7.95° |
| 21 | W1-21 | 65722.750 | 43754.912 | 8.43° |
| 22 | W1-22 | 65722.750 | 43780.090 | 21.27° |
| 23 | W1-23 | 65734.874 | 43807.674 | 13.76° |
| 24 | W1-24 | 65741.608 | 43838.298 | 88.34° |
| 25 | W1-25 | 65712.560 | 43845.292 | 0.03° |
| 26 | W1-26 | 65696.051 | 43848.630 | 11.01° |
| 27 | W1-27 | 65663.485 | 43852.151 | 81.53° |
| 28 | W1-28 | 65657.846 | 43875.620 | 40.03° |
| 29 | W1-29 | 65643.515 | 43888.844 | 1.69° |
| 30 | W1-32 | 65628.757 | 43907.952 | 7.80° |
| 31 | W1-33 | 65612.057 | 43927.928 | 17.12° |
| 32 | W1-34 | 65598.489 | 43955.503 | 15.88° |
| 33 | W1-35 | 65587.581 | 43971.775 | 17.24° |
| 34 | W1-36 | 65571.503 | 43983.320 | 8.66° |
| 35 | W1-37 | 65561.559 | 43990.990 | 16.96° |
| 36 | W1-38 | 65550.780 | 44009.748 | 8.12° |
| 37 | W1-56 | 65546.076 | 44018.939 | 18.70° |
| 38 | W1-57 | 65535.643 | 44025.583 | 5.44° |
| 39 | W1-58 | 65528.117 | 44034.710 | 2.85° |
| 40 | W1-59 | 65519.758 | 44040.395 | 40.21° |
| 41 | W1-70 | 65519.153 | 4046.769 | 7.80° |
| 42 | W1-60 | 65520.984 | 44055.615 | 26.40° |
| 43 | W1-61 | 65518.101 | 44063.002 | 7.38° |
| 44 | W1-62 | 65529.890 | 44097.956 | 2.33° |
| 45 | W1-63 | 65537.996 | 44124.485 | 10.98° |
| 46 | W1-64 | 65559.749 | 44162.985 | 2.81° |
| 47 | W1-65 | 65561.846 | 44173.382 | 9.68° |
| 48 | W1-66 | 65556.956 | 44208.686 | 3.36° |
| 49 | W1-67 | 65552.218 | 44238.987 | 1.52° |
| 50 | W1-68 | 65546.516 | 44274.602 | 1.00° |
| 51 | W1-69 | 65539.890 | 44318.995 | 33.72° |
| 52 | W1-54 | 65546.319 | 44330.814 | -- |