|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sewer name | Sewer length (m) | Upstream level (m) | Downstream level (m) | Change in length (m) | Level change/metre | Average gradient (%) |
| S37 | 10.1 | 923.0 | 920.0 | -3.0 | -0.297 | -0.3 |
| S38 | 10.1 | 922.0 | 920.0 | -2.0 | -0.198 | -0.2 |
| S39 | 13.5 | 920.0 | 918.0 | -2.0 | -0.148 | -0.2 |
| S40 | 10.1 | 916.0 | 915.0 | -1.0 | -0.099 | -0.1 |
| S41 | 10.1 | 910.0 | 908.5 | -1.5 | -0.149 | -0.2 |
| S42 | 16.9 | 906.0 | 905.0 | -1.0 | -0.059 | -0.1 |
| S43 | 30.4 | 902.0 | 900.0 | -2.0 | -0.066 | -0.2 |
| S44 | 20.3 | 900.0 | 895.0 | -5.0 | -0.246 | -0.6 |
| S45 | 16.9 | 887.0 | 885.0 | -2.0 | -0.118 | -0.2 |
| S46 | 27.0 | 886.0 | 885.0 | -1.0 | -0.037 | -0.1 |
| S47 | 15.2 | 881.0 | 880.0 | -1.0 | -0.066 | -0.1 |
| S48 | 40.6 | 878.0 | 875.0 | -3.0 | -0.074 | -0.3 |
| S49 | 27.0 | 881.5 | 880.0 | -1.5 | -0.056 | -0.2 |
| S50 | 37.1 | 884.0 | 883.0 | -1.0 | -0.027 | -0.1 |
| S51 | 1.7 | 883.5 | 883.0 | -0.5 | -0.294 | -0.1 |
| S52 | 33.8 | 885.5 | 885.0 | -0.5 | -0.015 | -0.1 |
| S53 | 33.8 | 886.0 | 885.0 | -1.0 | -0.030 | -0.1 |
| S54 | 6.8 | 895.0 | 893.0 | -2.0 | -0.294 | -0.2 |
| S55 | 20.3 | 902.0 | 900.0 | -2.0 | -0.098 | -0.2 |
| S56 | 10.1 | 905.0 | 903.0 | -2.0 | -0.198 | -0.2 |
| S57 | 10.1 | 912.0 | 910.0 | -2.0 | -0.198 | -0.2 |
| S58 | 10.1 | 911.0 | 910.0 | -1.0 | -0.099 | -0.1 |
| S59 | 10.1 | 921.0 | 920.0 | -1.0 | -0.099 | -0.1 |
| S60 | 6.8 | 921.0 | 920.0 | -1.0 | -0.147 | -0.1 |
| S61 | 10.1 | 928.0 | 925.0 | -3.0 | -0.297 | -0.3 |
| S62 | 11.8 | 933.0 | 932.0 | -1.0 | -0.085 | -0.1 |
| S63 | 5.1 | 932.5 | 932.0 | -0.5 | -0.098 | -0.1 |
| S64 | 10.1 | 927.5 | 927.0 | -0.5 | -0.050 | -0.1 |
| S65 | 8.4 | 928.0 | 927.0 | -1.0 | -0.119 | -0.1 |
| S66 | 5.1 | 922.5 | 922.0 | -0.5 | -0.098 | -0.1 |
| S67 | 20.3 | 923.0 | 922.0 | -1.0 | -0.049 | -0.1 |
| S68 | 13.5 | 918.0 | 917.0 | -1.0 | -0.074 | -0.1 |
| S69 | 13.5 | 914.0 | 912.0 | -2.0 | -0.148 | -0.2 |
| S70 | 11.8 | 908.0 | 907.0 | -1.0 | -0.085 | -0.1 |
| S71 | 10.1 | 901.0 | 899.0 | -2.0 | -0.198 | -0.2 |
| S72 | 27.0 | 893.0 | 890.0 | -3.0 | -0.111 | -0.3 |
| S73 | 10.1 | 894.0 | 892.0 | -2.0 | -0.198 | -0.2 |
| S74 | 27.0 | 905.5 | 905.0 | -0.5 | -0.019 | -0.1 |
| S75 | 6.8 | 907.0 | 905.0 | -2.0 | -0.294 | -0.2 |
| S76 | 27.0 | 911.0 | 910.0 | -1.0 | -0.037 | -0.1 |
| S77 | 13.5 | 913.5 | 910.0 | -3.5 | -0.259 | -0.3 |
| S78 | 13.5 | 916.0 | 915.0 | -1.0 | -0.074 | -0.1 |
| S79 | 10.1 | 921.0 | 917.5 | -4.0 | -0.396 | -0.4 |

Appendix 4: Ground levels and gradients along the tertiary sewers