

## 4J - Atypical expenditure by business unit - Wholesale water

For the 12 months ended 31 March 2020

| Line description   | Units | DPs | Water resources      |                       | Network+            |                   |                 |                            | Total   |  |
|--|-------|-----|----------------------|-----------------------|---------------------|-------------------|-----------------|----------------------------|---------|--|
|  |       |     | Abstraction licences | Raw water abstraction | Raw water transport | Raw water storage | Water treatment | Treated water distribution |         |  |
| <b>A Operating expenditure (excl. atypicals)</b>                     |       |     |                      |                       |                     |                   |                 |                            |         |  |
| 4J.1 Power   | £m    | 3   | 0.000                | 3.956                 | 0.000               | 0.000             | 9.193           | 3.769                      | 16.918  |  |
| 4J.2 Income treated as negative expenditure                          | £m    | 3   | 0.000                | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000   |  |
| 4J.3 Abstraction charges/ discharge consents                         | £m    | 3   | 3.862                | 0.000                 | 0.000               | 0.000             | 0.102           | 0.000                      | 3.964   |  |
| 4J.4 Bulk supply   | £m    | 3   | 0.000                | 0.000                 | 0.000               | 0.000             | 0.000           | 0.359                      | 0.359   |  |
| Other operating expenditure  |       |     |                      |                       |                     |                   |                 |                            |         |  |
| 4J.5 - Renewals expensed in year (Infrastructure)                    | £m    | 3   | 0.000                | 0.000                 | 0.000               | 0.000             | 0.000           | 21.870                     | 21.870  |  |
| 4J.6 - Renewals expensed in year (Non-Infrastructure)                | £m    | 3   | 0.000                | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000   |  |
| 4J.7 - Other operating expenditure excluding renewals                | £m    | 3   | 0.245                | 2.292                 | 0.234               | 0.301             | 28.069          | 19.228                     | 50.369  |  |
| 4J.8 Local authority and Cumulo rates                                | £m    | 3   | 0.000                | 0.983                 | 0.128               | 0.000             | 1.561           | 9.425                      | 12.097  |  |
| 4J.9 Total operating expenditure (excluding third party services)    | £m    | 3   | 4.107                | 7.231                 | 0.362               | 0.301             | 38.925          | 54.651                     | 105.577 |  |
| 4J.10 Third party services   | £m    | 3   | 0.274                | 0.405                 | 0.000               | 0.000             | 1.096           | 1.496                      | 3.271   |  |
| 4J.11 Total operating expenditure                                    | £m    | 3   | 4.381                | 7.636                 | 0.362               | 0.301             | 40.021          | 56.147                     | 108.848 |  |
| <b>B Capital expenditure (excl. atypicals)</b>                       |       |     |                      |                       |                     |                   |                 |                            |         |  |
| 4J.12 Maintaining the long term capability of the assets - infra     | £m    | 3   | 0.000                | 0.261                 | 0.472               | -0.005            | 2.333           | 18.934                     | 21.995  |  |
| 4J.13 Maintaining the long term capability of the assets - non-infra | £m    | 3   | 0.788                | 3.817                 | 0.000               | 0.000             | 49.092          | 17.388                     | 71.085  |  |
| 4J.14 Other capital expenditure - infra                              | £m    | 3   | 0.000                | 2.223                 | 0.000               | 0.000             | 0.292           | 10.378                     | 12.893  |  |
| 4J.15 Other capital expenditure - non-infra                          | £m    | 3   | 0.337                | 5.320                 | 0.000               | 0.000             | 10.139          | 1.672                      | 17.468  |  |
| 4J.16 Infrastructure network reinforcement                           | £m    | 3   | 0.000                | 0.000                 | 0.000               | 0.000             | 0.000           | 0.205                      | 0.205   |  |
| 4J.17 Total gross capital expenditure excluding third party services | £m    | 3   | 1.125                | 11.621                | 0.472               | -0.005            | 61.856          | 48.577                     | 123.646 |  |
| 4J.18 Third party services   | £m    | 3   | 0.167                | 0.866                 | 0.000               | 0.000             | 1.507           | 0.327                      | 2.867   |  |
| 4J.19 Total gross capital expenditure                                | £m    | 3   | 1.292                | 12.487                | 0.472               | -0.005            | 63.363          | 48.904                     | 126.513 |  |
| 4J.20 Grants and contributions                                       | £m    | 3   | 0.000                | 0.504                 | 0.000               | 0.000             | 1.125           | 6.615                      | 8.244   |  |
| 4J.21 Totex  | £m    | 3   | 5.673                | 19.619                | 0.834               | 0.296             | 102.259         | 98.436                     | 227.117 |  |
| <b>C Cash expenditure (excl. atypicals)</b>                          |       |     |                      |                       |                     |                   |                 |                            |         |  |
| 4J.22 Pension deficit recovery payments                              | £m    | 3   | 0.000                | 0.183                 | 0.000               | 0.022             | 2.306           | 2.495                      | 5.006   |  |
| 4J.23 Other cash items   | £m    | 3   | 0.000                | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000   |  |
| 4J.24 Totex including cash items                                     | £m    | 3   | 5.673                | 19.802                | 0.834               | 0.318             | 104.565         | 100.931                    | 232.123 |  |
| <b>D Atypical expenditure</b>  |       |     |                      |                       |                     |                   |                 |                            |         |  |
| 4J.25 Missed appointments, GSS payments & investigations             | £m    | 3   | 0.000                | 0.000                 | 0.000               | 0.000             | 0.000           | 1.965                      | 1.965   |  |
| 4J.26 Restructuring costs  | £m    | 3   | 0.000                | 0.054                 | 0.002               | 0.002             | 0.850           | 0.617                      | 1.525   |  |
| 4J.27 IFRS16 adjustments   | £m    | 3   | 0.000                | 0.016                 | 0.001               | 0.001             | 0.336           | 0.239                      | 0.593   |  |
| 4J.35 Total atypical expenditure                                     | £m    | 3   | 0.000                | 0.070                 | 0.003               | 0.003             | 1.186           | 2.821                      | 4.083   |  |
| <b>E Total expenditure</b>   |       |     |                      |                       |                     |                   |                 |                            |         |  |
| 4J.36 Total expenditure  | £m    | 3   | 5.673                | 19.872                | 0.837               | 0.321             | 105.751         | 103.752                    | 236.206 |  |

## 4K - Atypical expenditure by business unit - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description                                 | Units  | DPs | Network+ Sewage Collection |                        |                  | Network+ Sewage Treatment     |                         | Sludge           |                  |                 | Total |         |
|--|--|-----|----------------------------|------------------------|------------------|-------------------------------|-------------------------|------------------|------------------|-----------------|-------|---------|
|  |  |     | Foul                       | Surface water drainage | Highway drainage | Sewage treatment and disposal | Sludge liquor treatment | Sludge transport | Sludge treatment | Sludge disposal |       |         |
| <b>A Operating expenditure (excl. atypicals)</b> |  |     |                            |                        |                  |                               |                         |                  |                  |                 |       |         |
| 4K.1   | Power  | £m  | 3                          | 9.980                  | 2.201            | 2.201                         | 20.553                  | 0.773            | 0.032            | -2.426          | 0.000 | 33.314  |
| 4K.2   | Income treated as negative expenditure                         | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | -4.606          | 0.000 | -4.606  |
| 4K.3   | Discharge Consents   | £m  | 3                          | 0.794                  | 0.173            | 0.173                         | 2.864                   | 0.058            | 0.000            | 0.000           | 0.000 | 4.062   |
| 4K.4   | Bulk discharge   | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000           | 0.000 | 0.000   |
| <b>Other operating expenditure</b>               |  |     |                            |                        |                  |                               |                         |                  |                  |                 |       |         |
| 4K.5   | - Renewals expensed in year (Infrastructure)                   | £m  | 3                          | 19.796                 | 2.987            | 2.987                         | 0.000                   | 0.000            | 0.000            | 0.000           | 0.000 | 25.770  |
| 4K.6   | - Renewals expensed in year (Non-Infrastructure)               | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000           | 0.000 | 0.000   |
| 4K.7   | - Other operating expenditure excluding renewals               | £m  | 3                          | 26.985                 | 5.736            | 5.736                         | 47.276                  | 1.329            | 4.610            | 15.464          | 6.546 | 113.682 |
| 4K.8   | Local authority and Cumulo rates                               | £m  | 3                          | 0.017                  | 0.004            | 0.004                         | 12.882                  | 0.459            | 0.000            | 1.764           | 0.000 | 15.130  |
| 4K.9   | Total operating expenditure (excluding third party services)   | £m  | 3                          | 57.572                 | 11.101           | 11.101                        | 83.575                  | 2.619            | 4.642            | 10.196          | 6.546 | 187.352 |
| 4K.10  | Third party services   | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000           | 0.000 | 0.000   |
| 4K.11  | Total operating expenditure                                    | £m  | 3                          | 57.572                 | 11.101           | 11.101                        | 83.575                  | 2.619            | 4.642            | 10.196          | 6.546 | 187.352 |
| <b>B Capital expenditure (excl. atypicals)</b>   |  |     |                            |                        |                  |                               |                         |                  |                  |                 |       |         |
| 4K.12  | Maintaining the long term capability of the assets - infra     | £m  | 3                          | 22.211                 | 4.842            | 4.842                         | 3.768                   | 0.000            | 0.000            | 0.000           | 0.000 | 35.663  |
| 4K.13  | Maintaining the long term capability of the assets - non-infra | £m  | 3                          | 12.150                 | 2.647            | 2.647                         | 127.911                 | 0.000            | 0.000            | 14.573          | 0.000 | 159.928 |
| 4K.14  | Other capital expenditure - infra                              | £m  | 3                          | 35.087                 | 7.648            | 7.648                         | 0.119                   | 0.000            | 0.000            | 0.000           | 0.000 | 50.502  |
| 4K.15  | Other capital expenditure - non-infra                          | £m  | 3                          | 2.099                  | 0.458            | 0.458                         | 68.223                  | 0.000            | 0.000            | 5.604           | 0.000 | 76.842  |
| 4K.16  | Infrastructure network reinforcement                           | £m  | 3                          | 7.903                  | 1.723            | 1.723                         | 0.000                   | 0.000            | 0.000            | 0.000           | 0.000 | 11.349  |
| 4K.17  | Total gross capital expenditure excluding third party services | £m  | 3                          | 79.450                 | 17.318           | 17.318                        | 200.021                 | 0.000            | 0.000            | 20.177          | 0.000 | 334.284 |
| 4K.18  | Third party services   | £m  | 3                          | 0.704                  | 0.153            | 0.153                         | 5.949                   | 0.000            | 0.000            | 0.000           | 0.000 | 6.959   |
| 4K.19  | Total gross capital expenditure                                | £m  | 3                          | 80.154                 | 17.471           | 17.471                        | 205.970                 | 0.000            | 0.000            | 20.177          | 0.000 | 341.243 |
| 4K.20  | Grants and contributions                                       | £m  | 3                          | 5.683                  | 1.239            | 1.239                         | 5.308                   | 0.000            | 0.000            | 0.000           | 0.000 | 13.469  |
| 4K.21  | Totex  | £m  | 3                          | 132.043                | 27.333           | 27.333                        | 284.237                 | 2.619            | 4.642            | 30.373          | 6.546 | 515.126 |
| <b>C Cash expenditure (excl. atypicals)</b>      |  |     |                            |                        |                  |                               |                         |                  |                  |                 |       |         |
| 4K.22  | Pension deficit recovery payments                              | £m  | 3                          | 3.289                  | 0.548            | 0.548                         | 5.147                   | 0.572            | 0.000            | 0.819           | 0.000 | 10.923  |
| 4K.23  | Other cash items   | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000           | 0.000 | 0.000   |
| 4K.24  | Totex including cash items                                     | £m  | 3                          | 135.332                | 27.881           | 27.881                        | 289.384                 | 3.191            | 4.642            | 31.192          | 6.546 | 526.049 |
| <b>D Atypical expenditure</b>                    |  |     |                            |                        |                  |                               |                         |                  |                  |                 |       |         |
| 4K.25  | Ofwat and EA investigations including Legal Defence costs      | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 4.601                   | 0.000            | 0.000            | 0.000           | 0.000 | 4.601   |
| 4K.26  | Wastewater enforcement undertakings                            | £m  | 3                          | 0.070                  | 0.015            | 0.015                         | 0.225                   | 0.000            | 0.000            | 0.000           | 0.000 | 0.325   |
| 4K.27  | Missed appointments, GSS payments & investigations             | £m  | 3                          | 0.721                  | 0.157            | 0.157                         | 0.000                   | 0.000            | 0.000            | 0.000           | 0.000 | 1.035   |
| 4K.28  | Restructuring costs  | £m  | 3                          | 0.683                  | 0.149            | 0.149                         | 1.455                   | 0.000            | 0.002            | 0.260           | 0.005 | 2.703   |
| 4K.29  | IFRS16 adjustments   | £m  | 3                          | 0.344                  | 0.075            | 0.075                         | 0.649                   | 0.000            | 0.001            | 0.154           | 0.002 | 1.300   |
| 4K.35  | Total atypical expenditure                                     | £m  | 3                          | 1.818                  | 0.396            | 0.396                         | 6.930                   | 0.000            | 0.003            | 0.414           | 0.007 | 9.964   |
| <b>E Total expenditure</b>                       |  |     |                            |                        |                  |                               |                         |                  |                  |                 |       |         |
| 4K.36  | Total expenditure  | £m  | 3                          | 137.150                | 28.277           | 28.277                        | 296.314                 | 3.191            | 4.645            | 31.606          | 6.553 | 536.013 |



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## 4L - Enhancement expenditure by purpose - Wholesale water

For the 12 months ended 31 March 2020

| Line description   | Units | DPs | Expenditure in report year |                       |                     |                   |                 |                            | Total  |
|--|-------|-----|----------------------------|-----------------------|---------------------|-------------------|-----------------|----------------------------|--------|
|  |       |     | Water resources            |                       | Network+            |                   |                 |                            |        |
|  |       |     | Abstraction licences       | Raw water abstraction | Raw water transport | Raw water storage | Water treatment | Treated water distribution |        |
| <b>A</b> Enhancement expenditure by purpose  |       |     |                            |                       |                     |                   |                 |                            |        |
| 4L.1 NEP - Making ecological improvements at abstractions (Habitats Directive, SSSI, NERC, BAPs)                 | £m    | 3   | 0.262                      | 2.558                 | 0.000               | 0.000             | 0.200           | 0.392                      | 3.412  |
| 4L.2 NEP - Eels Regulations (measures at intakes)  | £m    | 3   | 0.000                      | 1.739                 | 0.000               | 0.000             | 0.000           | 0.000                      | 1.739  |
| 4L.3 NEP - Invasive Non Native Species   | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.4 Addressing low pressure   | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.5 Improving taste / odour / colour  | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.6 Meeting lead standards  | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.7 Supply side enhancements to the supply/demand balance (dry year critical / peak conditions)                 | £m    | 3   | 0.000                      | 1.721                 | 0.000               | 0.000             | 0.464           | 0.016                      | 2.201  |
| 4L.8 Supply side enhancements to the supply/demand balance (dry year annual average conditions)                  | £m    | 3   | 0.075                      | 0.102                 | 0.000               | 0.000             | 1.073           | -0.029                     | 1.221  |
| 4L.9 Demand side enhancements to the supply/demand balance (dry year critical / peak conditions)                 | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.10 Demand side enhancements to the supply/demand balance (dry year annual average conditions)                 | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | -0.001                     | -0.001 |
| 4L.11 New developments   | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 6.326                      | 6.326  |
| 4L.12 New connections element of new development (CPs, meters)   | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 4.269                      | 4.269  |
| 4L.13 Investment to address raw water deterioration (THM, nitrates, Crypto, pesticides, others)                  | £m    | 3   | 0.000                      | 0.108                 | 0.000               | 0.000             | 3.317           | 0.180                      | 3.605  |
| 4L.14 Resilience   | £m    | 3   | 0.000                      | 1.266                 | 0.000               | 0.000             | 0.000           | 0.000                      | 1.266  |
| 4L.15 SEMD   | £m    | 3   | 0.000                      | 0.049                 | 0.000               | 0.000             | 5.377           | 1.102                      | 6.528  |
| 4L.16 NEP - Drinking Water Protected Areas (schemes)   | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.17 NEP - Water Framework Directive measure  | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.18 NEP - Investigations   | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.19 Improvements to river flows  | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.20 Metering (excluding cost of providing metering to new service connections) - meters requested by optants   | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.21 Metering (excluding cost of providing metering to new service connections)- meters introduced by companies | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.22 Metering (excluding cost of providing metering to new service connections) - other                         | £m    | 3   | 0.000                      | 0.000                 | 0.000               | 0.000             | 0.000           | 0.000                      | 0.000  |
| 4L.38 Total enhancement capital expenditure  | £m    | 3   | 0.337                      | 7.543                 | 0.000               | 0.000             | 10.431          | 12.255                     | 30.566 |



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## 4L - Enhancement expenditure by purpose - Wholesale water

For the 12 months ended 31 March 2020

| Line description | Units  | DPs | Cumulative expenditure on schemes completed in the report year |                       |                     |       |                 |                            | Total  |        |
|------------------|--|-----|--|-----------------------|---------------------|-------|-----------------|----------------------------|--------|--------|
|                  |  |     | Water resources  |                       | Network+            |       |                 |                            |        |        |
|                  |  |     | Abstraction licences   | Raw water abstraction | Raw water transport |       | Water treatment | Treated water distribution |        |        |
| <b>A</b>         | <b>Enhancement expenditure by purpose</b>  |     |  |                       |                     |       |                 |                            |        |        |
| 4L.1             | NEP - Making ecological improvements at abstractions (Habitats Directive, SSSI, NERC, BAPs)                | £m  | 3  | 0.033                 | 8.820               | 0.000 | 0.000           | 0.010                      | 0.165  | 9.028  |
| 4L.2             | NEP - Eels Regulations (measures at intakes)   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.3             | NEP - Invasive Non Native Species  | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.4             | Addressing low pressure  | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.5             | Improving taste / odour / colour   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.6             | Meeting lead standards   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.7             | Supply side enhancements to the supply/demand balance (dry year critical / peak conditions)                | £m  | 3  | 0.000                 | 0.101               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.101  |
| 4L.8             | Supply side enhancements to the supply/demand balance (dry year annual average conditions)                 | £m  | 3  | 0.383                 | 1.178               | 0.000 | 0.000           | 2.074                      | 3.068  | 6.703  |
| 4L.9             | Demand side enhancements to the supply/demand balance (dry year critical / peak conditions)                | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.10            | Demand side enhancements to the supply/demand balance (dry year annual average conditions)                 | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | -0.001 | -0.001 |
| 4L.11            | New developments   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 6.502  | 6.502  |
| 4L.12            | New connections element of new development (CPs, meters)   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 4.269  | 4.269  |
| 4L.13            | Investment to address raw water deterioration (THM, nitrates, Crypto, pesticides, others)                  | £m  | 3  | 0.000                 | 2.035               | 0.000 | 0.000           | 3.415                      | 0.287  | 5.737  |
| 4L.14            | Resilience   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.15            | SEMD   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 5.377                      | 0.032  | 5.409  |
| 4L.16            | NEP - Drinking Water Protected Areas (schemes)   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.17            | NEP - Water Framework Directive measure  | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.18            | NEP - Investigations   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.19            | Improvements to river flows  | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.20            | Metering (excluding cost of providing metering to new service connections) - meters requested by optants   | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.21            | Metering (excluding cost of providing metering to new service connections)- meters introduced by companies | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.22            | Metering (excluding cost of providing metering to new service connections) - other                         | £m  | 3  | 0.000                 | 0.000               | 0.000 | 0.000           | 0.000                      | 0.000  | 0.000  |
| 4L.38            | Total enhancement capital expenditure  | £m  | 3  | 0.416                 | 12.134              | 0.000 | 0.000           | 10.876                     | 14.322 | 37.748 |

## 4M - Enhancement expenditure by purpose - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Units   | DPs | Expenditure in report year |                        |                  |                               |                         |                  |                  |       |
|------------------|---|-----|----------------------------|------------------------|------------------|-------------------------------|-------------------------|------------------|------------------|-------|
|                  |   |     | Network+Sewage Collection  |                        |                  | Network+Sewage Treatment      |                         | Sludge           |                  |       |
|                  |   |     | Foul                       | Surface water drainage | Highway drainage | Sewage treatment and disposal | Sludge liquor treatment | Sludge transport | Sludge treatment |       |
| <b>A</b>         | <b>Enhancement capital expenditure by purpose</b>                         |     |                            |                        |                  |                               |                         |                  |                  |       |
| 4M.1             | First time sewerage (s101A)   | £m  | 3                          | 2.397                  | 0.523            | 0.523                         | 3.388                   | 0.000            | 0.000            | 0.000 |
| 4M.2             | Sludge enhancement (quality)  | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.3             | Sludge enhancement (growth)   | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 5.604 |
| 4M.4             | NEP - Conservation drivers  | £m  | 3                          | 0.024                  | 0.005            | 0.005                         | 0.051                   | 0.000            | 0.000            | 0.000 |
| 4M.5             | NEP - Eels Regulations (measures at outfalls)                             | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.6             | NEP - Event Duration Monitoring at intermittent discharges                | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 1.296                   | 0.000            | 0.000            | 0.000 |
| 4M.7             | NEP - Flow monitoring at sewage treatment works                           | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.8             | NEP - Monitoring of pass forward flows at CSOs                            | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.9             | NEP - Schemes to increase flow to full treatment                          | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.10            | NEP - Schemes to increase storm tank capacity                             | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.11            | NEP - Storage schemes to reduce spill frequency at CSOs, storm tanks, etc | £m  | 3                          | 0.002                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.12            | NEP - Chemicals monitoring/ investigations/ options appraisals            | £m  | 3                          | 0.033                  | 0.007            | 0.007                         | 0.338                   | 0.000            | 0.000            | 0.000 |
| 4M.13            | NEP - National phosphorus removal technology investigations               | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.14            | NEP - Groundwater schemes   | £m  | 3                          | 17.924                 | 3.907            | 3.907                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.15            | NEP - Investigations  | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.057                   | 0.000            | 0.000            | 0.000 |
| 4M.16            | NEP - Nutrients (N removal)   | £m  | 3                          | 0.003                  | 0.001            | 0.001                         | 2.190                   | 0.000            | 0.000            | 0.000 |
| 4M.17            | NEP - Nutrients (P removal at activated sludge STWs)                      | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 3.795                   | 0.000            | 0.000            | 0.000 |
| 4M.18            | NEP - Nutrients (P removal at filter bed STWs)                            | £m  | 3                          | 0.714                  | 0.155            | 0.155                         | 37.094                  | 0.000            | 0.000            | 0.000 |
| 4M.19            | NEP - Reduction of sanitary parameters                                    | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.997                   | 0.000            | 0.000            | 0.000 |
| 4M.20            | NEP - UV disinfection (or similar)  | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.21            | NEP - Discharge relocation  | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.052                   | 0.000            | 0.000            | 0.000 |
| 4M.22            | NEP - Flow 1 schemes  | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 2.133                   | 0.000            | 0.000            | 0.000 |
| 4M.23            | Odour   | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.24            | New development and growth  | £m  | 3                          | 11.371                 | 2.479            | 2.479                         | -0.130                  | 0.000            | 0.000            | 0.000 |
| 4M.25            | Growth at sewage treatment works (excluding sludge treatment)             | £m  | 3                          | 0.073                  | 0.016            | 0.016                         | 4.617                   | 0.000            | 0.000            | 0.000 |
| 4M.26            | Resilience  | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.27            | SEMD  | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 2.979                   | 0.000            | 0.000            | 0.000 |
| 4M.28            | Reduce flooding risk for properties                                       | £m  | 3                          | 1.770                  | 0.386            | 0.386                         | 0.002                   | 0.000            | 0.000            | 0.000 |
| 4M.29            | Transferred private sewers and pumping stations                           | £m  | 3                          | 1.125                  | 0.245            | 0.245                         | 0.334                   | 0.000            | 0.000            | 0.000 |
| 4M.30            | WFD Manage uncertainty Special case                                       | £m  | 3                          | 0.137                  | 0.030            | 0.030                         | 8.256                   | 0.000            | 0.000            | 0.000 |
| 4M.31            | AMP 6 Bathing Water enhancement   | £m  | 3                          | 4.054                  | 0.884            | 0.884                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.32            | NEP Bathing Water   | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.33            | Woolston part 2   | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.908                   | 0.000            | 0.000            | 0.000 |
| 4M.34            | Pollution Resilience  | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.35            | Bathing Water Enhancement Programme                                       | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.36            | Adopted Sewers (Growth gross up)  | £m  | 3                          | 5.462                  | 1.191            | 1.191                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.37            | AMP7 WINEP3 Chemicals NDLS Permits  | £m  | 3                          | 0.000                  | 0.000            | 0.000                         | -0.015                  | 0.000            | 0.000            | 0.000 |
| 4M.45            | Total enhancement capital expenditure                                     | £m  | 3                          | 45.089                 | 9.829            | 9.829                         | 68.342                  | 0.000            | 0.000            | 5.604 |

## 4M - Enhancement expenditure by purpose - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Units | DPs |                 |       |
|------------------|-------|-----|-----------------|-------|
|                  |       |     | Sludge disposal | Total |

| A     | Enhancement capital expenditure by purpose                                |    |   |       |         |
|-------|---|----|---|-------|---------|
| 4M.1  | First time sewerage (s101A)   | £m | 3 | 0.000 | 6.831   |
| 4M.2  | Sludge enhancement (quality)  | £m | 3 | 0.000 | 0.000   |
| 4M.3  | Sludge enhancement (growth)   | £m | 3 | 0.000 | 5.604   |
| 4M.4  | NEP - Conservation drivers  | £m | 3 | 0.000 | 0.085   |
| 4M.5  | NEP - Eels Regulations (measures at outfalls)                             | £m | 3 | 0.000 | 0.000   |
| 4M.6  | NEP - Event Duration Monitoring at intermittent discharges                | £m | 3 | 0.000 | 1.296   |
| 4M.7  | NEP - Flow monitoring at sewage treatment works                           | £m | 3 | 0.000 | 0.000   |
| 4M.8  | NEP - Monitoring of pass forward flows at CSOs                            | £m | 3 | 0.000 | 0.000   |
| 4M.9  | NEP - Schemes to increase flow to full treatment                          | £m | 3 | 0.000 | 0.000   |
| 4M.10 | NEP - Schemes to increase storm tank capacity                             | £m | 3 | 0.000 | 0.000   |
| 4M.11 | NEP - Storage schemes to reduce spill frequency at CSOs, storm tanks, etc | £m | 3 | 0.000 | 0.002   |
| 4M.12 | NEP - Chemicals monitoring/ investigations/ options appraisals            | £m | 3 | 0.000 | 0.385   |
| 4M.13 | NEP - National phosphorus removal technology investigations               | £m | 3 | 0.000 | 0.000   |
| 4M.14 | NEP - Groundwater schemes   | £m | 3 | 0.000 | 25.738  |
| 4M.15 | NEP - Investigations  | £m | 3 | 0.000 | 0.057   |
| 4M.16 | NEP - Nutrients (N removal)   | £m | 3 | 0.000 | 2.195   |
| 4M.17 | NEP - Nutrients (P removal at activated sludge STWs)                      | £m | 3 | 0.000 | 3.795   |
| 4M.18 | NEP - Nutrients (P removal at filter bed STWs)                            | £m | 3 | 0.000 | 38.118  |
| 4M.19 | NEP - Reduction of sanitary parameters                                    | £m | 3 | 0.000 | 0.997   |
| 4M.20 | NEP - UV disinfection (or similar)  | £m | 3 | 0.000 | 0.000   |
| 4M.21 | NEP - Discharge relocation  | £m | 3 | 0.000 | 0.052   |
| 4M.22 | NEP - Flow 1 schemes  | £m | 3 | 0.000 | 2.133   |
| 4M.23 | Odour   | £m | 3 | 0.000 | 0.000   |
| 4M.24 | New development and growth  | £m | 3 | 0.000 | 16.199  |
| 4M.25 | Growth at sewage treatment works (excluding sludge treatment)             | £m | 3 | 0.000 | 4.722   |
| 4M.26 | Resilience  | £m | 3 | 0.000 | 0.000   |
| 4M.27 | SEMD  | £m | 3 | 0.000 | 2.979   |
| 4M.28 | Reduce flooding risk for properties                                       | £m | 3 | 0.000 | 2.544   |
| 4M.29 | Transferred private sewers and pumping stations                           | £m | 3 | 0.000 | 1.949   |
| 4M.30 | WFD Manage uncertainty Special case                                       | £m | 3 | 0.000 | 8.453   |
| 4M.31 | AMP 6 Bathing Water enhancement   | £m | 3 | 0.000 | 5.822   |
| 4M.32 | NEP Bathing Water   | £m | 3 | 0.000 | 0.000   |
| 4M.33 | Woolston part 2   | £m | 3 | 0.000 | 0.908   |
| 4M.34 | Pollution Resilience  | £m | 3 | 0.000 | 0.000   |
| 4M.35 | Bathing Water Enhancement Programme                                       | £m | 3 | 0.000 | 0.000   |
| 4M.36 | Adopted Sewers (Growth gross up)  | £m | 3 | 0.000 | 7.844   |
| 4M.37 | AMP7 WINEP3 Chemicals NDLS Permits  | £m | 3 | 0.000 | -0.015  |
| 4M.45 | Total enhancement capital expenditure                                     | £m | 3 | 0.000 | 138.693 |

## 4M - Enhancement expenditure by purpose - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Units   | DPs | Cumulative expenditure on schemes completed in the report year |        |                  |                               |                         |                  |                  |       |
|------------------|---|-----|--|--------|------------------|-------------------------------|-------------------------|------------------|------------------|-------|
|                  |   |     | Network+Sewage Collection                                      |        |                  | Network+Sewage Treatment      |                         | Sludge           |                  |       |
|                  |   |     | Foul   |        | Highway drainage | Sewage treatment and disposal | Sludge liquor treatment | Sludge transport | Sludge treatment |       |
| <b>A</b>         | <b>Enhancement capital expenditure by purpose</b>                         |     |  |        |                  |                               |                         |                  |                  |       |
| 4M.1             | First time sewerage (s101A)   | £m  | 3  | 3.635  | 0.000            | 0.000                         | 4.532                   | 0.000            | 0.000            | 0.000 |
| 4M.2             | Sludge enhancement (quality)  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.3             | Sludge enhancement (growth)   | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.052 |
| 4M.4             | NEP - Conservation drivers  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.5             | NEP - Eels Regulations (measures at outfalls)                             | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.6             | NEP - Event Duration Monitoring at intermittent discharges                | £m  | 3  | 0.000  | 0.000            | 0.000                         | 6.349                   | 0.000            | 0.000            | 0.000 |
| 4M.7             | NEP - Flow monitoring at sewage treatment works                           | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.8             | NEP - Monitoring of pass forward flows at CSOs                            | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.9             | NEP - Schemes to increase flow to full treatment                          | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.10            | NEP - Schemes to increase storm tank capacity                             | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.11            | NEP - Storage schemes to reduce spill frequency at CSOs, storm tanks, etc | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.12            | NEP - Chemicals monitoring/ investigations/ options appraisals            | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.13            | NEP - National phosphorus removal technology investigations               | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.14            | NEP - Groundwater schemes   | £m  | 3  | -0.018 | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.15            | NEP - Investigations  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.057                   | 0.000            | 0.000            | 0.000 |
| 4M.16            | NEP - Nutrients (N removal)   | £m  | 3  | 0.005  | 0.000            | 0.000                         | 32.226                  | 0.000            | 0.000            | 0.000 |
| 4M.17            | NEP - Nutrients (P removal at activated sludge STWs)                      | £m  | 3  | 0.000  | 0.000            | 0.000                         | 1.941                   | 0.000            | 0.000            | 0.000 |
| 4M.18            | NEP - Nutrients (P removal at filter bed STWs)                            | £m  | 3  | 0.030  | 0.000            | 0.000                         | 59.055                  | 0.000            | 0.000            | 0.000 |
| 4M.19            | NEP - Reduction of sanitary parameters                                    | £m  | 3  | 0.000  | 0.000            | 0.000                         | 8.237                   | 0.000            | 0.000            | 0.000 |
| 4M.20            | NEP - UV disinfection (or similar)  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.21            | NEP - Discharge relocation  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.22            | NEP - Flow 1 schemes  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 2.589                   | 0.000            | 0.000            | 0.000 |
| 4M.23            | Odour   | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.24            | New development and growth  | £m  | 3  | 8.959  | 0.000            | 0.000                         | -0.130                  | 0.000            | 0.000            | 0.000 |
| 4M.25            | Growth at sewage treatment works (excluding sludge treatment)             | £m  | 3  | 0.162  | 0.000            | 0.000                         | 0.358                   | 0.000            | 0.000            | 0.000 |
| 4M.26            | Resilience  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.27            | SEMD  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 7.907                   | 0.000            | 0.000            | 0.000 |
| 4M.28            | Reduce flooding risk for properties                                       | £m  | 3  | 3.707  | 0.000            | 0.000                         | 0.004                   | 0.000            | 0.000            | 0.000 |
| 4M.29            | Transferred private sewers and pumping stations                           | £m  | 3  | 11.209 | 0.000            | 0.000                         | 0.334                   | 0.000            | 0.000            | 0.000 |
| 4M.30            | WFD Manage uncertainty Special case                                       | £m  | 3  | 0.954  | 0.000            | 0.000                         | 7.710                   | 0.000            | 0.000            | 0.000 |
| 4M.31            | AMP 6 Bathing Water enhancement   | £m  | 3  | 21.828 | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.32            | NEP Bathing Water   | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.33            | Woolston part 2   | £m  | 3  | 0.000  | 0.000            | 0.000                         | 13.781                  | 0.000            | 0.000            | 0.000 |
| 4M.34            | Pollution Resilience  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.35            | Bathing Water Enhancement Programme                                       | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.36            | Adopted Sewers (Growth gross up)  | £m  | 3  | 7.843  | 0.000            | 0.000                         | 0.000                   | 0.000            | 0.000            | 0.000 |
| 4M.37            | AMP7 WINEP3 Chemicals NDLS Permits  | £m  | 3  | 0.000  | 0.000            | 0.000                         | 0.049                   | 0.000            | 0.000            | 0.000 |
| 4M.45            | Total enhancement capital expenditure                                     | £m  | 3  | 58.314 | 0.000            | 0.000                         | 144.999                 | 0.000            | 0.000            | 0.052 |

## 4M - Enhancement expenditure by purpose - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Units | DPs |                 |       |
|------------------|-------|-----|-----------------|-------|
|                  |       |     | Sludge disposal | Total |

| A     | Enhancement capital expenditure by purpose                                |    |   |       |         |
|-------|---|----|---|-------|---------|
| 4M.1  | First time sewerage (s101A)   | £m | 3 | 0.000 | 8.167   |
| 4M.2  | Sludge enhancement (quality)  | £m | 3 | 0.000 | 0.000   |
| 4M.3  | Sludge enhancement (growth)   | £m | 3 | 0.000 | 0.052   |
| 4M.4  | NEP - Conservation drivers  | £m | 3 | 0.000 | 0.000   |
| 4M.5  | NEP - Eels Regulations (measures at outfalls)                             | £m | 3 | 0.000 | 0.000   |
| 4M.6  | NEP - Event Duration Monitoring at intermittent discharges                | £m | 3 | 0.000 | 6.349   |
| 4M.7  | NEP - Flow monitoring at sewage treatment works                           | £m | 3 | 0.000 | 0.000   |
| 4M.8  | NEP - Monitoring of pass forward flows at CSOs                            | £m | 3 | 0.000 | 0.000   |
| 4M.9  | NEP - Schemes to increase flow to full treatment                          | £m | 3 | 0.000 | 0.000   |
| 4M.10 | NEP - Schemes to increase storm tank capacity                             | £m | 3 | 0.000 | 0.000   |
| 4M.11 | NEP - Storage schemes to reduce spill frequency at CSOs, storm tanks, etc | £m | 3 | 0.000 | 0.000   |
| 4M.12 | NEP - Chemicals monitoring/ investigations/ options appraisals            | £m | 3 | 0.000 | 0.000   |
| 4M.13 | NEP - National phosphorus removal technology investigations               | £m | 3 | 0.000 | 0.000   |
| 4M.14 | NEP - Groundwater schemes   | £m | 3 | 0.000 | -0.018  |
| 4M.15 | NEP - Investigations  | £m | 3 | 0.000 | 0.057   |
| 4M.16 | NEP - Nutrients (N removal)   | £m | 3 | 0.000 | 32.231  |
| 4M.17 | NEP - Nutrients (P removal at activated sludge STWs)                      | £m | 3 | 0.000 | 1.941   |
| 4M.18 | NEP - Nutrients (P removal at filter bed STWs)                            | £m | 3 | 0.000 | 59.085  |
| 4M.19 | NEP - Reduction of sanitary parameters                                    | £m | 3 | 0.000 | 8.237   |
| 4M.20 | NEP - UV disinfection (or similar)  | £m | 3 | 0.000 | 0.000   |
| 4M.21 | NEP - Discharge relocation  | £m | 3 | 0.000 | 0.000   |
| 4M.22 | NEP - Flow 1 schemes  | £m | 3 | 0.000 | 2.589   |
| 4M.23 | Odour   | £m | 3 | 0.000 | 0.000   |
| 4M.24 | New development and growth  | £m | 3 | 0.000 | 8.829   |
| 4M.25 | Growth at sewage treatment works (excluding sludge treatment)             | £m | 3 | 0.000 | 0.520   |
| 4M.26 | Resilience  | £m | 3 | 0.000 | 0.000   |
| 4M.27 | SEMD  | £m | 3 | 0.000 | 7.907   |
| 4M.28 | Reduce flooding risk for properties                                       | £m | 3 | 0.000 | 3.711   |
| 4M.29 | Transferred private sewers and pumping stations                           | £m | 3 | 0.000 | 11.543  |
| 4M.30 | WFD Manage uncertainty Special case                                       | £m | 3 | 0.000 | 8.664   |
| 4M.31 | AMP 6 Bathing Water enhancement   | £m | 3 | 0.000 | 21.828  |
| 4M.32 | NEP Bathing Water   | £m | 3 | 0.000 | 0.000   |
| 4M.33 | Woolston part 2   | £m | 3 | 0.000 | 13.781  |
| 4M.34 | Pollution Resilience  | £m | 3 | 0.000 | 0.000   |
| 4M.35 | Bathing Water Enhancement Programme                                       | £m | 3 | 0.000 | 0.000   |
| 4M.36 | Adopted Sewers (Growth gross up)  | £m | 3 | 0.000 | 7.843   |
| 4M.37 | AMP7 WINEP3 Chemicals NDLS Permits  | £m | 3 | 0.000 | 0.049   |
| 4M.45 | Total enhancement capital expenditure                                     | £m | 3 | 0.000 | 203.365 |





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## 4N - Sewage treatment - Functional expenditure

For the 12 months ended 31 March 2020

| Line description | Unit | DPs | Network+ |
|------------------|------|-----|----------|
|------------------|------|-----|----------|

| A    | Costs of STWs in size bands 1 to 5                   |      |   |           |
|------|--|------|---|-----------|
| 4N.1 | Direct costs of STWs in size band 1                  | £000 | 3 | 2405.364  |
| 4N.2 | Direct costs of STWs in size band 2                  | £000 | 3 | 943.000   |
| 4N.3 | Direct costs of STWs in size band 3                  | £000 | 3 | 5714.103  |
| 4N.4 | Direct costs of STWs in size band 4                  | £000 | 3 | 9101.911  |
| 4N.5 | Direct costs of STWs in size band 5                  | £000 | 3 | 6098.821  |
| 4N.6 | General & support costs of STWs in size bands 1 to 5 | £000 | 3 | 7650.872  |
| 4N.7 | Functional expenditure of STWs in size bands 1 to 5  | £000 | 3 | 31914.071 |

| B     | Costs of STWs in size band 6                       |      |   |           |
|-------|--|------|---|-----------|
| 4N.8  | Service charges for STWs in size band 6            | £000 | 3 | 1033.000  |
| 4N.9  | Estimated terminal pumping costs size band 6 works | £000 | 3 | 0.000     |
| 4N.10 | Other direct costs of STWs in size band 6          | £000 | 3 | 32390.000 |
| 4N.11 | Direct costs of STWs in size band 6                | £000 | 3 | 33423.000 |
| 4N.12 | General & support costs of STWs in size band 6     | £000 | 3 | 12286.000 |
| 4N.13 | Functional expenditure of STWs in size band 6      | £000 | 3 | 45709.000 |
| 4N.14 | Total Functional expenditure for Sewage treatment  | £000 | 3 | 77623.071 |



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## 40 - Large sewage treatment works - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Units | DPS | STWNAMED01 | STWNAMED02 | STWNAMED03 | STWNAMED04 | STWNAMED05 | STWNAMED06 | STWNAMED07 |
|------------------|-------|-----|------------|------------|------------|------------|------------|------------|------------|
|------------------|-------|-----|------------|------------|------------|------------|------------|------------|------------|

| A Sewage treatment works - Explanatory variables |  |                       |   |         |           |                      |                 |            |            |            |
|--|--|-----------------------|---|---------|-----------|----------------------|-----------------|------------|------------|------------|
| 40.1   | Works name                                   | Text                  | 0 | ASHFORD | AYLESFORD | BEXHILL AND HASTINGS | BROOMFIELD BANK | BUDDS FARM | CANTERBURY | CHICHESTER |
| 40.2   | Classification of treatment works            | Text                  | 0 | TB2     | SB        | SAS                  | SAS             | TA2        | TA2        | TA2        |
| 40.3   | Population equivalent of total load received | 000                   | 2 | 93.26   | 131.67    | 143.21               | 115.51          | 369.24     | 67.37      | 39.03      |
| 40.4   | Suspended solids consent                     | mg/l                  | 0 | 17      | 60        | 150                  | 150             | 60         | 20         | 45         |
| 40.5   | BOD <sub>5</sub> consent                     | mg/l                  | 0 | 11      | 25        | 25                   | 25              | 25         | 15         | 25         |
| 40.6   | Ammonia consent                              | mg/l                  | 0 | 2       |           |                      |                 |            | 4          |            |
| 40.7   | Phosphorus consent                           | mg/l                  | 0 | 0.5     |           |                      |                 |            | 2          |            |
| 40.8   | UV consent                                   | mW/s/cm <sup>2</sup>  | 0 |         |           |                      |                 |            |            | 32         |
| 40.9   | Load received by STW                         | kgBOD <sub>5</sub> /d | 0 | 5596    | 7900      | 8593                 | 6931            | 22155      | 4042       | 2342       |
| 40.10  | Flow passed to full treatment                | m <sup>3</sup> /d     | 0 | 26,299  | 22,288    | 41,875               | 37,635          | 117,060    | 19,514     | 15,506     |

| B Sewage treatment works - Functional expenditure |  |      |   |         |         |         |          |         |         |         |
|---|--|------|---|---------|---------|---------|----------|---------|---------|---------|
| 40.11   | Service charges                        | £000 | 0 | 32.000  | 28.000  | 23.000  | 36.000   | 54.000  | 17.000  | 20.000  |
| 40.12   | Estimated terminal pumping expenditure | £000 | 0 | 0.000   | 0.000   | 0.000   | 0.000    | 0.000   | 0.000   | 0.000   |
| 40.13   | Other direct expenditure               | £000 | 0 | 577.000 | 138.000 | 442.000 | 1411.000 | 957.000 | 156.000 | 719.000 |
| 40.14   | Total direct expenditure               | £000 | 0 | 609     | 166     | 465     | 1447     | 1011    | 173     | 739     |
| 40.15   | General and support expenditure        | £000 | 0 | 419.000 | 217.000 | 187.000 | 508.000  | 806.000 | 192.000 | 257.000 |
| 40.16   | Functional expenditure                 | £000 | 0 | 1028    | 383     | 652     | 1955     | 1817    | 365     | 996     |



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## 40 - Large sewage treatment works - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Units | DPS | STWNAMED08 | STWNAMED09 | STWNAMED10 | STWNAMED11 | STWNAMED12 | STWNAMED13 | STWNAMED14 |
|------------------|-------|-----|------------|------------|------------|------------|------------|------------|------------|
|------------------|-------|-----|------------|------------|------------|------------|------------|------------|------------|

| A Sewage treatment works - Explanatory variables |  |                       |   |                          |            |         |           |        |           |                |
|--|--|-----------------------|---|--------------------------|------------|---------|-----------|--------|-----------|----------------|
| 40.1   | Works name                                   | Text                  | 0 | CHICKENHALL<br>EASTLIEGH | EASTBOURNE | FAIRLEE | FAVERSHAM | FORD   | FULLERTON | GODDARDS GREEN |
| 40.2   | Classification of treatment works            | Text                  | 0 | TB2                      | SAS        |         | SB        | SAS    | TB2       | TA2            |
| 40.3   | Population equivalent of total load received | 000                   | 2 | 98.83                    | 118.48     |         | 27.32     | 136.33 | 58.16     | 49.95          |
| 40.4   | Suspended solids consent                     | mg/l                  | 0 | 20                       | 150        |         | 60        | 150    | 20        | 11             |
| 40.5   | BOD <sub>5</sub> consent                     | mg/l                  | 0 | 12                       | 25         |         | 25        | 25     | 10        | 7              |
| 40.6   | Ammonia consent                              | mg/l                  | 0 | 2.8                      |            |         |           |        | 3         | 2.5            |
| 40.7   | Phosphorus consent                           | mg/l                  | 0 | 1                        |            |         |           |        | 1         | 2              |
| 40.8   | UV consent                                   | mW/s/cm <sup>2</sup>  | 0 |                          |            |         |           |        |           |                |
| 40.9   | Load received by STW                         | kgBOD <sub>5</sub> /d | 0 | 5930                     | 7109       | 0       | 1639      | 8180   | 3489      | 2997           |
| 40.10  | Flow passed to full treatment                | m <sup>3</sup> /d     | 0 | 33,735                   | 39,489     |         | 6,603     | 36,444 | 20,382    | 12,995         |

| B Sewage treatment works - Functional expenditure |  |      |   |          |          |       |         |         |         |         |
|---|--|------|---|----------|----------|-------|---------|---------|---------|---------|
| 40.11   | Service charges                        | £000 | 0 | 33.000   | 36.000   | 0.000 | 9.000   | 27.000  | 15.000  | 17.000  |
| 40.12   | Estimated terminal pumping expenditure | £000 | 0 | 0.000    | 0.000    | 0.000 | 0.000   | 0.000   | 0.000   | 0.000   |
| 40.13   | Other direct expenditure               | £000 | 0 | 1068.000 | 3185.000 | 0.000 | 174.000 | 500.000 | 415.000 | 380.000 |
| 40.14   | Total direct expenditure               | £000 | 0 | 1101     | 3221     | 0     | 183     | 527     | 430     | 397     |
| 40.15   | General and support expenditure        | £000 | 0 | 403.000  | 1028.000 | 0.000 | 73.000  | 315.000 | 151.000 | 227.000 |
| 40.16   | Functional expenditure                 | £000 | 0 | 1504     | 4249     | 0     | 256     | 842     | 581     | 624     |



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## 40 - Large sewage treatment works - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description   | Units  | DPs                   | STWNAMED15 | STWNAMED16 | STWNAMED17     | STWNAMED18               | STWNAMED19 | STWNAMED20 | STWNAMED21  |           |
|--|--|-----------------------|------------|------------|----------------|--------------------------|------------|------------|-------------|-----------|
| <b>A Sewage treatment works - Explanatory variables</b>  |  |                       |            |            |                |                          |            |            |             |           |
| 40.1   | Works name                                   | Text                  | 0          | GRAVESEND  | HAILSHAM SOUTH | HAILSHAM SOUTH NEW WORKS | HAM HILL   | HERNE BAY  | HORSHAM NEW | MILLBROOK |
| 40.2   | Classification of treatment works            | Text                  | 0          | SAS        | TA2            |                          | TA1        | TA2        | TB2         | TA2       |
| 40.3   | Population equivalent of total load received | 000                   | 2          | 63.78      | 29.69          |                          | 60.21      | 43.03      | 70.76       | 141.21    |
| 40.4   | Suspended solids consent                     | mg/l                  | 0          |            | 10             |                          | 38         | 15         | 12          | 40        |
| 40.5   | BOD <sub>5</sub> consent                     | mg/l                  | 0          | 25         | 7              |                          | 25         | 10         | 8           | 25        |
| 40.6   | Ammonia consent                              | mg/l                  | 0          | 60         | 2              |                          | 25         | 3          | 2.5         |           |
| 40.7   | Phosphorus consent                           | mg/l                  | 0          |            | 1              |                          |            | 2          | 1           |           |
| 40.8   | UV consent                                   | mW/s/cm <sup>2</sup>  | 0          |            |                |                          |            |            |             |           |
| 40.9   | Load received by STW                         | kgBOD <sub>5</sub> /d | 0          | 3827       | 1781           | 0                        | 3613       | 2582       | 4245        | 8473      |
| 40.10  | Flow passed to full treatment                | m <sup>3</sup> /d     | 0          | 11,739     | 10,049         |                          | 14,790     | 10,255     | 16,740      | 44,430    |
| <b>B Sewage treatment works - Functional expenditure</b> |  |                       |            |            |                |                          |            |            |             |           |
| 40.11  | Service charges                              | £000                  | 0          | 36.000     | 19.000         | 0.000                    | 16.000     | 17.000     | 17.000      | 32.000    |
| 40.12  | Estimated terminal pumping expenditure       | £000                  | 0          | 0.000      | 0.000          | 0.000                    | 0.000      | 0.000      | 0.000       | 0.000     |
| 40.13  | Other direct expenditure                     | £000                  | 0          | 390.000    | 480.000        | 0.000                    | 185.000    | 671.000    | 602.000     | 1306.000  |
| 40.14  | Total direct expenditure                     | £000                  | 0          | 426        | 499            | 0                        | 201        | 688        | 619         | 1338      |
| 40.15  | General and support expenditure              | £000                  | 0          | 149.000    | 169.000        | 0.000                    | 179.000    | 146.000    | 382.000     | 352.000   |
| 40.16  | Functional expenditure                       | £000                  | 0          | 575        | 668            | 0                        | 380        | 834        | 1001        | 1690      |



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## 40 - Large sewage treatment works - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Units | DPs | STWNAMED22 | STWNAMED23 | STWNAMED24 | STWNAMED25 | STWNAMED26 | STWNAMED27 | STWNAMED28 |
|------------------|-------|-----|------------|------------|------------|------------|------------|------------|------------|
|------------------|-------|-----|------------|------------|------------|------------|------------|------------|------------|

| A Sewage treatment works - Explanatory variables |  |                       |   |           |             |               |            |             |            |                    |
|--|--|-----------------------|---|-----------|-------------|---------------|------------|-------------|------------|--------------------|
| 40.1   | Works name                                   | Text                  | 0 | MORESTEAD | MOTNEY HILL | NEWHAVEN EAST | NORTHFLEET | PEEL COMMON | PENNINGTON | PORTSLADE SHOREHAM |
| 40.2   | Classification of treatment works            | Text                  | 0 | TA2       | SAS         | SAS           | SAS        | TA2         | TA2        | SAS                |
| 40.3   | Population equivalent of total load received | 000                   | 2 | 39.43     | 267.73      | 60.82         | 58.61      | 269.80      | 269.80     | 58.13              |
| 40.4   | Suspended solids consent                     | mg/l                  | 0 | 60        | 60          | 150           |            | 30          | 30         | 150                |
| 40.5   | BOD <sub>5</sub> consent                     | mg/l                  | 0 | 25        | 25          | 25            | 25         | 25          | 25         | 25                 |
| 40.6   | Ammonia consent                              | mg/l                  | 0 | 5         | 60          |               | 50         |             |            |                    |
| 40.7   | Phosphorus consent                           | mg/l                  | 0 | 1         |             |               |            |             |            |                    |
| 40.8   | UV consent                                   | mW/s/cm <sup>2</sup>  | 0 |           |             |               |            | 22.4        | 30         |                    |
| 40.9   | Load received by STW                         | kgBOD <sub>5</sub> /d | 0 | 2366      | 16064       | 3649          | 3517       | 16188       | 16188      | 3488               |
| 40.10  | Flow passed to full treatment                | m <sup>3</sup> /d     | 0 | 9,690     | 41,973      | 16,215        | 10,582     | 73,662      | 23,712     | 9,314              |

| B Sewage treatment works - Functional expenditure |  |      |   |         |         |         |         |          |         |         |
|---|--|------|---|---------|---------|---------|---------|----------|---------|---------|
| 40.11   | Service charges                        | £000 | 0 | 20.000  | 32.000  | 1.000   | 18.000  | 33.000   | 20.000  | 20.000  |
| 40.12   | Estimated terminal pumping expenditure | £000 | 0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    | 0.000   | 0.000   |
| 40.13   | Other direct expenditure               | £000 | 0 | 417.000 | 974.000 | 195.000 | 484.000 | 2382.000 | 532.000 | 679.000 |
| 40.14   | Total direct expenditure               | £000 | 0 | 437     | 1006    | 196     | 502     | 2415     | 552     | 699     |
| 40.15   | General and support expenditure        | £000 | 0 | 163.000 | 352.000 | 78.000  | 180.000 | 786.000  | 196.000 | 229.000 |
| 40.16   | Functional expenditure                 | £000 | 0 | 600     | 1358    | 274     | 682     | 3201     | 748     | 928     |



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## 40 - Large sewage treatment works - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description   |  | Units                 | DPs | STWNAMED29 | STWNAMED30   | STWNAMED31 | STWNAMED32   | STWNAMED33    | STWNAMED34     | STWNAMED35  |
|--|--|-----------------------|-----|------------|--------------|------------|--------------|---------------|----------------|-------------|
| <b>A</b> Sewage treatment works - Explanatory variables  |  |                       |     |            |              |            |              |               |                |             |
| 40.1   | Works name                                   | Text                  | 0   | PORTSWOOD  | QUEENBOROUGH | SANDOWN    | SCAYNES HILL | SITTINGBOURNE | SLOWHILL COPSE | SWALECLIFFE |
| 40.2   | Classification of treatment works            | Text                  | 0   | SAS        | SAS          | SAS        | TB2          | SAS           | TA2            | TA2         |
| 40.3   | Population equivalent of total load received | 000                   | 2   | 84.65      | 40.77        | 133.07     | 39.49        | 73.29         | 64.56          | 37.11       |
| 40.4   | Suspended solids consent                     | mg/l                  | 0   | 80         | 60           | 150        | 25           | 100           | 60             | 150         |
| 40.5   | BOD <sub>5</sub> consent                     | mg/l                  | 0   | 25         | 25           | 25         | 15           | 25            | 25             | 25          |
| 40.6   | Ammonia consent                              | mg/l                  | 0   |            |              |            | 5            |               |                |             |
| 40.7   | Phosphorus consent                           | mg/l                  | 0   |            |              |            | 2            |               |                |             |
| 40.8   | UV consent                                   | mW/s/cm <sup>2</sup>  | 0   |            |              |            |              |               |                | 24          |
| 40.9   | Load received by STW                         | kgBOD <sub>5</sub> /d | 0   | 5079       | 2446         | 7984       | 2370         | 4397          | 3874           | 2227        |
| 40.10  | Flow passed to full treatment                | m <sup>3</sup> /d     | 0   | 23,534     | 12,331       | 46,721     | 10,863       | 13,533        | 19,769         | 9,080       |
| <b>B</b> Sewage treatment works - Functional expenditure |  |                       |     |            |              |            |              |               |                |             |
| 40.11  | Service charges                              | £000                  | 0   | 34.000     | 14.000       | 32.000     | 18.000       | 18.000        | 20.000         | 20.000      |
| 40.12  | Estimated terminal pumping expenditure       | £000                  | 0   | 0.000      | 0.000        | 0.000      | 0.000        | 0.000         | 0.000          | 0.000       |
| 40.13  | Other direct expenditure                     | £000                  | 0   | 824.000    | 658.000      | 1583.000   | 304.000      | 679.000       | 962.000        | 860.000     |
| 40.14  | Total direct expenditure                     | £000                  | 0   | 858        | 672          | 1615       | 322          | 697           | 982            | 880         |
| 40.15  | General and support expenditure              | £000                  | 0   | 208.000    | 72.000       | 517.000    | 216.000      | 146.000       | 255.000        | 196.000     |
| 40.16  | Functional expenditure                       | £000                  | 0   | 1066       | 744          | 2132       | 538          | 843           | 1237           | 1076        |



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## 40 - Large sewage treatment works - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Units | DPs | STWNAMED36 | STWNAMED37 | STWNAMED38 | STWNAMED39 | STWNAMED40 | STWNAMED41 | STWNAMED42 |
|------------------|-------|-----|------------|------------|------------|------------|------------|------------|------------|
|------------------|-------|-----|------------|------------|------------|------------|------------|------------|------------|

| A Sewage treatment works - Explanatory variables |  |                       |   | TONBRIDGE | TUNBRIDGE WELLS NORTH | TUNBRIDGE WELLS SOUTH | WEATHERLEES HILL | WHITEWALL CREEK | WEATHERLEES HILL B | WOOLSTON |
|--|--|-----------------------|---|-----------|-----------------------|-----------------------|------------------|-----------------|--------------------|----------|
| 40.1   | Works name                                   | Text                  | 0 |           |                       |                       |                  |                 |                    |          |
| 40.2   | Classification of treatment works            | Text                  | 0 | TB2       | TB2                   | TA2                   | SAS              | SB              | TA2                | TA2      |
| 40.3   | Population equivalent of total load received | 000                   | 2 | 45.87     | 31.59                 | 30.35                 | 92.02            | 32.22           | 93.30              | 68.48    |
| 40.4   | Suspended solids consent                     | mg/l                  | 0 | 30        | 20                    | 18                    | 35               | 60              | 60                 | 60       |
| 40.5   | BOD <sub>5</sub> consent                     | mg/l                  | 0 | 20        | 8                     | 12                    | 25               | 25              | 25                 | 25       |
| 40.6   | Ammonia consent                              | mg/l                  | 0 | 10        | 3                     | 4                     | 5                | 20              |                    |          |
| 40.7   | Phosphorus consent                           | mg/l                  | 0 | 2         | 2                     | 2                     | 2                |                 |                    |          |
| 40.8   | UV consent                                   | mW/s/cm <sup>2</sup>  | 0 |           |                       |                       |                  |                 | 31                 |          |
| 40.9   | Load received by STW                         | kgBOD <sub>5</sub> /d | 0 | 2752      | 1896                  | 1821                  | 5521             | 1933            | 5598               | 4109     |
| 40.10  | Flow passed to full treatment                | m <sup>3</sup> /d     | 0 | 12,149    | 8,278                 | 10,418                | 19,872           | 6,279           | 18,405             | 14,666   |

| B Sewage treatment works - Functional expenditure |  |      |   |         |         |         |          |         |         |          |
|---|--|------|---|---------|---------|---------|----------|---------|---------|----------|
| 40.11   | Service charges                        | £000 | 0 | 20.000  | 18.000  | 20.000  | 32.000   | 18.000  | 35.000  | 20.000   |
| 40.12   | Estimated terminal pumping expenditure | £000 | 0 | 0.000   | 0.000   | 0.000   | 0.000    | 0.000   | 0.000   | 0.000    |
| 40.13   | Other direct expenditure               | £000 | 0 | 480.000 | 211.000 | 318.000 | 1253.000 | 207.000 | 299.000 | 1230.000 |
| 40.14   | Total direct expenditure               | £000 | 0 | 500     | 229     | 338     | 1285     | 225     | 334     | 1250     |
| 40.15   | General and support expenditure        | £000 | 0 | 196.000 | 116.000 | 124.000 | 489.000  | 87.000  | 94.000  | 281.000  |
| 40.16   | Functional expenditure                 | £000 | 0 | 696     | 345     | 462     | 1774     | 312     | 428     | 1531     |



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## 40 - Large sewage treatment works - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Units | DPs | STWNAMED43 | STWNAMED44 | STWNAMED45 |
|------------------|-------|-----|------------|------------|------------|
|------------------|-------|-----|------------|------------|------------|

| A Sewage treatment works - Explanatory variables |  |                       |   |               |            |                     |
|--|--|-----------------------|---|---------------|------------|---------------------|
| 40.1   | Works name                                   | Text                  | 0 | WORTHING EAST | PEACEHAVEN | PORTOBELLO BRIGHTON |
| 40.2   | Classification of treatment works            | Text                  | 0 | SAS           | SAS        |                     |
| 40.3   | Population equivalent of total load received | 000                   | 2 | 142.87        | 298.08     |                     |
| 40.4   | Suspended solids consent                     | mg/l                  | 0 | 150           | 150        |                     |
| 40.5   | BOD <sub>5</sub> consent                     | mg/l                  | 0 | 25            | 25         |                     |
| 40.6   | Ammonia consent                              | mg/l                  | 0 |               |            |                     |
| 40.7   | Phosphorus consent                           | mg/l                  | 0 |               |            |                     |
| 40.8   | UV consent                                   | mW/s/cm <sup>2</sup>  | 0 |               |            |                     |
| 40.9   | Load received by STW                         | kgBOD <sub>5</sub> /d | 0 | 8572          | 17885      | 0                   |
| 40.10  | Flow passed to full treatment                | m <sup>3</sup> /d     | 0 | 39,790        |            |                     |

| B Sewage treatment works - Functional expenditure |  |      |   |          |          |       |
|---|--|------|---|----------|----------|-------|
| 40.11   | Service charges                        | £000 | 0 | 31.000   | 55.000   | 0.000 |
| 40.12   | Estimated terminal pumping expenditure | £000 | 0 | 0.000    | 0.000    | 0.000 |
| 40.13   | Other direct expenditure               | £000 | 0 | 1190.000 | 1913.000 | 0.000 |
| 40.14   | Total direct expenditure               | £000 | 0 | 1221     | 1968     | 0     |
| 40.15   | General and support expenditure        | £000 | 0 | 386.000  | 759.000  | 0.000 |
| 40.16   | Functional expenditure                 | £000 | 0 | 1607     | 2727     | 0     |





## 4P - Non-financial data for WR, WT and WD - Wholesale water

For the 12 months ended 31 March 2020

| Line     | Line description  | Units        | DPs | Current year |
|----------|---|--------------|-----|--------------|
| <b>A</b> | <b>Water resources</b>  |              |     |              |
| 4P.1     | Proportion of distribution input derived from impounding reservoirs   | Propn 0 to 1 | 3   | 0.010        |
| 4P.2     | Proportion of distribution input derived from pumped storage reservoirs   | Propn 0 to 1 | 3   | 0.039        |
| 4P.3     | Proportion of distribution input derived from river abstractions  | Propn 0 to 1 | 3   | 0.304        |
| 4P.4     | Proportion of distribution input derived from groundwater works,excluding managed aquifer recharge (MAR) water supply schemes | Propn 0 to 1 | 3   | 0.647        |
| 4P.5     | Proportion of distribution input derived from artificial recharge (AR) water supply schemes                                   | Propn 0 to 1 | 3   | 0.000        |
| 4P.6     | Proportion of distribution input derived from aquifer storage and recovery (ASR) water supply schemes                         | Propn 0 to 1 | 3   | 0.000        |
| 4P.7     | Proportion of distribution input derived from saline abstractions   | Propn 0 to 1 | 3   | 0.000        |
| 4P.8     | Proportion of distribution input derived from water reuse schemes   | Propn 0 to 1 | 3   | 0.000        |
| 4P.9     | Number of impounding reservoirs   | nr           | 0   | 2            |
| 4P.10    | Number of pumped storage reservoirs   | nr           | 0   | 2            |
| 4P.11    | Number of river abstractions  | nr           | 0   | 5            |
| 4P.12    | Number of groundwater works excluding managed aquifer recharge (MAR) water supply schemes                                     | nr           | 0   | 75           |
| 4P.13    | Number of artificial recharge (AR) water supply schemes   | nr           | 0   | 0            |
| 4P.14    | Number of aquifer storage and recovery (ASR) water supply schemes   | nr           | 0   | 0            |
| 4P.15    | Number of saline abstraction schemes  | nr           | 0   | 0            |
| 4P.16    | Total number of sources   | nr           | 0   | 84           |
| 4P.17    | Number of reuse schemes   | nr           | 0   | 0            |
| 4P.18    | Total number of water reservoirs  | nr           | 0   | 7            |
| 4P.19    | Total capacity of water reservoirs  | MI           | 0   | 43685        |
| 4P.20    | Total number of intake and source pumping stations  | nr           | 0   | 221          |
| 4P.21    | Total number of raw water transport stations  | nr           | 0   | 2            |
| 4P.22    | Total capacity of intake and source pumping stations  | kW           | 0   | 27980        |
| 4P.23    | Total capacity of raw water transfer pumping stations   | kW           | 0   | 951          |
| 4P.24    | Total length of raw water abstraction mains and other conveyors   | km           | 2   | 67.51        |
| 4P.25    | Average pumping head – raw water abstraction  | m.hd         | 2   | 31.54        |
| 4P.26    | Average pumping head – raw water transport  | m.hd         | 2   | 51.73        |
| 4P.27    | Total length of raw and pre-treated (non-potable) water transport mains   | km           | 2   | 84.44        |
| 4P.28    | Water resources capacity (measured using water resources yield)   | MI/d         | 2   | 719.74       |
| <b>B</b> | <b>Water treatment</b>  |              |     |              |
| 4P.29    | Total water treated at all SW simple disinfection works   | MI/d         | 2   | 0.00         |
| 4P.30    | Total water treated at all SW1 works  | MI/d         | 2   | 0.00         |
| 4P.31    | Total water treated at all SW2 works  | MI/d         | 2   | 0.00         |
| 4P.32    | Total water treated at all SW3 works  | MI/d         | 2   | 24.86        |
| 4P.33    | Total water treated at all SW4 works  | MI/d         | 2   | 1.78         |
| 4P.34    | Total water treated at all SW5 works  | MI/d         | 2   | 170.47       |
| 4P.35    | Total water treated at all SW6 works  | MI/d         | 2   | 0.00         |
| 4P.36    | Total water treated at all GW simple disinfection works   | MI/d         | 2   | 34.69        |
| 4P.37    | Total water treated at all GW1 works  | MI/d         | 2   | 0.00         |
| 4P.38    | Total water treated at all GW2 works  | MI/d         | 2   | 50.08        |
| 4P.39    | Total water treated at all GW3 works  | MI/d         | 2   | 13.04        |
| 4P.40    | Total water treated at all GW4 works  | MI/d         | 2   | 173.97       |
| 4P.41    | Total water treated at all GW5 works  | MI/d         | 2   | 94.12        |
| 4P.42    | Total water treated at all GW6 works  | MI/d         | 2   | 0.00         |
| 4P.43    | Total water treated at more than one type of works  | MI/d         | 2   | 0.00         |
| 4P.44    | Total number of SW simple disinfection works  | nr           | 0   | 0            |
| 4P.45    | Total number of SW1 works   | nr           | 0   | 0            |
| 4P.46    | Total number of SW2 works   | nr           | 0   | 0            |
| 4P.47    | Total number of SW3 works   | nr           | 0   | 1            |
| 4P.48    | Total number of SW4 works   | nr           | 0   | 1            |
| 4P.49    | Total number of SW5 works   | nr           | 0   | 6            |
| 4P.50    | Total number of SW6 works   | nr           | 0   | 0            |
| 4P.51    | Total number of GW simple disinfection works  | nr           | 0   | 15           |
| 4P.52    | Total number of GW1 works   | nr           | 0   | 0            |
| 4P.53    | Total number of GW2 works   | nr           | 0   | 11           |
| 4P.54    | Total number of GW3 works   | nr           | 0   | 4            |
| 4P.55    | Total number of GW4 works   | nr           | 0   | 34           |
| 4P.56    | Total number of GW5 works   | nr           | 0   | 16           |
| 4P.57    | Total number of GW6 works   | nr           | 0   | 0            |
| 4P.58    | Number of treatment works requiring remedial action because of raw water deterioration  | nr           | 0   | 1            |
| 4P.59    | Zonal population receiving water treated with orthophosphate  | 000          | 3   | 2439.024     |
| 4P.60    | Average pumping head – water treatment  | m.hd         | 2   | 26.86        |



## 4P - Non-financial data for WR, WT and WD - Wholesale water

For the 12 months ended 31 March 2020

| Line     | Line description   | Units | DPs | Current year |
|----------|--|-------|-----|--------------|
| <b>C</b> | <b>Water distribution</b>  |       |     |              |
| 4P.61    | Total length of potable mains as at 31 March   | km    | 1   | 13959.3      |
| 4P.62    | Total length of potable mains relined  | km    | 1   | 0.0          |
| 4P.63    | Total length of potable mains renewed  | km    | 1   | 15.0         |
| 4P.64    | Total length of new potable mains  | km    | 1   | 32.6         |
| 4P.65    | Total length of potable water mains (<=320mm)  | km    | 1   | 12627.3      |
| 4P.66    | Total length of potable water mains >320mm - <=450mm                                 | km    | 1   | 537.4        |
| 4P.67    | Total length of potable water mains >450mm - <=610mm                                 | km    | 1   | 530.5        |
| 4P.68    | Total length of potable water mains > 610mm  | km    | 1   | 140.8        |
| 4P.69    | Capacity of booster pumping stations   | kW    | 0   | 31951        |
| 4P.70    | Capacity of service reservoirs   | MI    | 0   | 1111         |
| 4P.71    | Capacity of water towers   | MI    | 0   | 6            |
| 4P.72    | Distribution input   | MI/d  | 2   | 541.78       |
| 4P.73    | Water delivered (non-potable)  | MI/d  | 2   | 4.02         |
| 4P.74    | Water delivered (potable)  | MI/d  | 2   | 468.76       |
| 4P.75    | Water delivered (billed measured residential)  | MI/d  | 2   | 280.82       |
| 4P.76    | Water delivered (billed measured business)   | MI/d  | 2   | 109.43       |
| 4P.77    | Total leakage  | MI/d  | 2   | 94.04        |
| 4P.78    | Distribution losses  | MI/d  | 2   | 69.97        |
| 4P.79    | Water taken unbilled   | MI/d  | 2   | 13.41        |
| 4P.80    | Number of lead communication pipes   | nr    | 0   | 114262       |
| 4P.81    | Number of galvanised iron communication pipes  | nr    | 0   | 107286       |
| 4P.82    | Number of other communication pipes  | nr    | 0   | 698266       |
| 4P.83    | Number of booster pumping stations   | nr    | 0   | 209          |
| 4P.84    | Total number of service reservoirs   | nr    | 0   | 207          |
| 4P.85    | Number of water towers   | nr    | 0   | 8            |
| 4P.86    | Total length of potable mains laid or structurally refurbished pre-1880              | km    | 1   | 1785.2       |
| 4P.87    | Total length of potable mains laid or structurally refurbished between 1881 and 1900 | km    | 1   | 729.5        |
| 4P.88    | Total length of potable mains laid or structurally refurbished between 1901 and 1920 | km    | 1   | 1450.8       |
| 4P.89    | Total length of potable mains laid or structurally refurbished between 1921 and 1940 | km    | 1   | 1414.4       |
| 4P.90    | Total length of potable mains laid or structurally refurbished between 1941 and 1960 | km    | 1   | 886.4        |
| 4P.91    | Total length of potable mains laid or structurally refurbished between 1961 and 1980 | km    | 1   | 3398.7       |
| 4P.92    | Total length of potable mains laid or structurally refurbished between 1981 and 2000 | km    | 1   | 2949.2       |
| 4P.93    | Total length of potable mains laid or structurally refurbished post 2001             | km    | 1   | 1345.1       |
| 4P.94    | Average pumping head – treated water distribution                                    | m.hd  | 2   | 56.30        |
| <b>D</b> | <b>Band Disclosure (nr)</b>  |       |     |              |
| 4P.95    | WTWs in size band 1  | Nr    | 0   | 11           |
| 4P.96    | WTWs in size band 2  | Nr    | 0   | 15           |
| 4P.97    | WTWs in size band 3  | Nr    | 0   | 25           |
| 4P.98    | WTWs in size band 4  | Nr    | 0   | 19           |
| 4P.99    | WTWs in size band 5  | Nr    | 0   | 13           |
| 4P.100   | WTWs in size band 6  | Nr    | 0   | 2            |
| 4P.101   | WTWs in size band 7  | Nr    | 0   | 3            |
| 4P.102   | WTWs in size band 8  | Nr    | 0   | 0            |
| <b>E</b> | <b>Band Disclosure (%)</b>   |       |     |              |
| 4P.103   | Proportion of Total DI band 1  | %     | 1   | 0.8%         |
| 4P.104   | Proportion of Total DI band 2  | %     | 1   | 3.4%         |
| 4P.105   | Proportion of Total DI band 3  | %     | 1   | 12.0%        |
| 4P.106   | Proportion of Total DI band 4  | %     | 1   | 22.4%        |
| 4P.107   | Proportion of Total DI band 5  | %     | 1   | 26.9%        |
| 4P.108   | Proportion of Total DI band 6  | %     | 1   | 9.7%         |
| 4P.109   | Proportion of Total DI band 7  | %     | 1   | 24.8%        |
| 4P.110   | Proportion of Total DI band 8  | %     | 1   | 0.0%         |



## 4Q - Non-financial data - Properties, population and other - Wholesale water

For the 12 months ended 31 March 2020

| Line description | Units | DPs | Current year |
|------------------|-------|-----|--------------|
|------------------|-------|-----|--------------|

| A     | Properties and population   |      |   |          |
|-------|---|------|---|----------|
| 4Q.1  | Residential properties billed for measured water (external meter)     | 000  | 3 | 797.139  |
| 4Q.2  | Residential properties billed for measured water (not external meter) | 000  | 3 | 105.411  |
| 4Q.3  | Business properties billed measured water                             | 000  | 3 | 477.660  |
| 4Q.4  | Residential properties billed for unmeasured water                    | 000  | 3 | 127.659  |
| 4Q.5  | Business properties billed unmeasured water                           | 000  | 3 | 384.300  |
| 4Q.6  | Total business connected properties at year end                       | 000s | 3 | 586.790  |
| 4Q.7  | Total residential connected properties at year end                    | 000s | 3 | 1071.821 |
| 4Q.8  | Total connected properties at year end                                | 000  | 3 | 1130.500 |
| 4Q.9  | Number of residential meters renewed                                  | 000  | 3 | 3.611    |
| 4Q.10 | Number of business meters renewed                                     | 000s | 3 | 1.378    |
| 4Q.11 | Number of meters installed at request of optants                      | 000  | 3 | 0.154    |
| 4Q.12 | Number of selective meters installed                                  | 000  | 3 | 0.501    |
| 4Q.13 | Total number of new business connections                              | 000  | 3 | 0.499    |
| 4Q.14 | Total number of new residential connections                           | 000  | 3 | 8.948    |
| 4Q.15 | Total population served   | 000  | 3 | 2571.526 |
| 4Q.16 | Number of business meters (billed properties)                         | 000  | 3 | 45.581   |
| 4Q.17 | Number of residential meters (billed properties)                      | 000  | 3 | 903.624  |
| 4Q.18 | Company area  | km2  | 0 | 10530    |

| B     | Other   |      |   |        |
|-------|---|------|---|--------|
| 4Q.19 | Number of lead communication pipes replaced for water quality                                     | nr   | 0 | 82     |
| 4Q.20 | Total supply side enhancements to the supply demand balance (dry year critical / peak conditions) | MI/d | 2 | 14.00  |
| 4Q.21 | Total supply side enhancements to the supply demand balance (dry year annual average conditions)  | MI/d | 2 | 14.00  |
| 4Q.22 | Total demand side enhancements to the supply demand balance (dry year critical / peak conditions) | MI/d | 2 | 0.61   |
| 4Q.23 | Total demand side enhancements to the supply demand balance (dry year annual average conditions)  | MI/d | 2 | 0.61   |
| 4Q.24 | Energy consumption - network plus   | MWh  | 0 | 126355 |
| 4Q.25 | Energy consumption - water resources  | MWh  | 0 | 33155  |
| 4Q.26 | Energy consumption - wholesale  | MWh  | 0 | 159510 |
| 4Q.27 | Mean Zonal Compliance   | %    | 2 | 99.95% |
| 4Q.28 | Compliance Risk Index   | nr   | 1 | 7.7    |
| 4Q.28 | Event Risk Index  | nr   | 1 | 1433.5 |
| 4Q.30 | Volume of Leakage above or below the sustainable economic Level                                   | MI/d | 3 | 7.842  |



## 4R - Non-financial data - Wastewater network and sludge - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line     | Item description   | Unit                    | DPs | Current year |
|----------|--|-------------------------|-----|--------------|
| <b>A</b> | <b>Wastewater network</b>  |                         |     |              |
| 4R.1     | Connectable properties served by s101A schemes completed in the report year                  | nr                      | 0   | 46           |
| 4R.2     | Number of s101A schemes completed in the report year   | Nr                      | 0   | 1            |
| 4R.3     | Total pumping station capacity   | kW                      | 0   | 131346       |
| 4R.4     | Number of network pumping stations   | nr                      | 0   | 3420         |
| 4R.5     | Total number of sewer blockages  | nr                      | 0   | 21181        |
| 4R.6     | Total number of gravity sewer collapses  | nr                      | 0   | 206          |
| 4R.7     | Total number of sewer rising main bursts / collapses   | nr                      | 0   | 105          |
| 4R.8     | Number of combined sewer overflows   | nr                      | 0   | 770          |
| 4R.9     | Number of emergency overflows  | nr                      | 0   | 132          |
| 4R.10    | Number of settled storm overflows  | nr                      | 0   | 180          |
| 4R.11    | Sewer age profile (constructed post 2001)  | km                      | 0   | 1954         |
| 4R.12    | Volume of trade effluent   | MI/yr                   | 2   | 5056.42      |
| 4R.13    | Volume of wastewater receiving treatment at sewage treatment works                           | MI/yr                   | 2   | 468834.81    |
| 4R.14    | Length of gravity sewers rehabilitated   | km                      | 0   | 7            |
| 4R.15    | Length of rising mains replaced or structurally refurbished                                  | km                      | 0   | 8            |
| 4R.16    | Length of foul (only) public sewers  | km                      | 0   | 12982        |
| 4R.17    | Length of surface water (only) public sewers   | km                      | 0   | 5127         |
| 4R.18    | Length of combined public sewers   | km                      | 0   | 2506         |
| 4R.19    | Length of rising mains   | km                      | 0   | 1517         |
| 4R.20    | Length of other wastewater network pipework  | Km                      | 0   | 91           |
| 4R.21    | Total length of "legacy" public sewers as at 31 March  | Km                      | 0   | 22223        |
| 4R.22    | Length of formerly private sewers and lateral drains (s105A sewers)                          | km                      | 0   | 17464        |
| <b>B</b> | <b>Sludge</b>  |                         |     |              |
| 4R.23    | Total sewage sludge produced, treated by incumbents  | ttds/ year              | 1   | 116.2        |
| 4R.24    | Total sewage sludge produced, treated by 3rd party sludge service provider                   | ttds/ year              | 1   | 0.0          |
| 4R.25    | Total sewage sludge produced   | ttds/ year              | 1   | 116.2        |
| 4R.26    | Total sewage sludge produced from non-appointed liquid waste treatment                       | ttds/ year              | 1   | 5.0          |
| 4R.27    | Percentage of sludge produced and treated at a site of STW and STC co-location               | %                       | 2   | 73.40%       |
| 4R.28    | Total sewage sludge disposed by incumbents   | ttds/ year              | 1   | 64.7         |
| 4R.29    | Total sewage sludge disposed by 3rd party sludge service provider                            | ttds/ year              | 1   | 0.0          |
| 4R.30    | Total sewage sludge disposed   | ttds/ year              | 1   | 64.7         |
| 4R.31    | Total measure of intersiting 'work' done by pipeline   | ttds*km/year            | 0   | 6            |
| 4R.32    | Total measure of intersiting 'work' done by tanker   | ttds*km/year            | 0   | 823          |
| 4R.33    | Total measure of intersiting 'work' done by truck  | ttds*km/year            | 0   | 1233         |
| 4R.34    | Total measure of intersiting 'work' done (all forms of transportation)                       | ttds*km/year            | 0   | 2062         |
| 4R.35    | Total measure of intersiting 'work' done by tanker (by volume transported)                   | m <sup>3</sup> *km/year | 0   | 24719644     |
| 4R.36    | Total measure of 'work' done in sludge disposal operations by pipeline                       | ttds*km/year            | 0   | 0            |
| 4R.37    | Total measure of 'work' done in sludge disposal operations by tanker                         | ttds*km/year            | 0   | 0            |
| 4R.38    | Total measure of 'work' done in sludge disposal operations by truck                          | ttds*km/year            | 0   | 2564         |
| 4R.39    | Total measure of 'work' done in sludge disposal operations (all forms of transportation)     | ttds*km/year            | 0   | 2564         |
| 4R.40    | Total measure of 'work' done by tanker in sludge disposal operations (by volume transported) | m <sup>3</sup> *km/year | 0   | 0            |
| 4R.41    | Chemical P sludge as percentage of sludge produced at STWs                                   | %                       | 2   | 25.07%       |

## 4S - Non-financial data - sewage treatment - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description  | Unit   | DPs                      | Treatment categories |                  |            |          |      |       | Total |       |        |
|---|--|--------------------------|----------------------|------------------|------------|----------|------|-------|-------|-------|--------|
|   |  |                          | Primary              | Secondary        |            | Tertiary |      |       |       |       |        |
|   |  |                          |                      | Activated Sludge | Biological | A1       | A2   | B1    |       | B2    |        |
| <b>A Load received at sewage treatment works in 2018-19</b> |  |                          |                      |                  |            |          |      |       |       |       |        |
| 4S.1  | Load received by STWs in size band 1                           | kg BOD <sub>5</sub> /day | 0                    | 22               | 168        | 249      | 81   | 37    | 96    | 0     | 653    |
| 4S.2  | Load received by STWs in size band 2                           | kg BOD <sub>5</sub> /day | 0                    | 0                | 213        | 125      | 61   | 110   | 135   | 72    | 716    |
| 4S.3  | Load received by STWs in size band 3                           | kg BOD <sub>5</sub> /day | 0                    | 0                | 619        | 1379     | 253  | 776   | 771   | 2377  | 6175   |
| 4S.4  | Load received by STWs in size band 4                           | kg BOD <sub>5</sub> /day | 0                    | 0                | 560        | 4554     | 594  | 1970  | 2537  | 11044 | 21259  |
| 4S.5  | Load received by STWs in size band 5                           | kg BOD <sub>5</sub> /day | 0                    | 0                | 2689       | 1334     | 0    | 2600  | 758   | 16377 | 23758  |
| 4S.6  | Load received by STWs above size band 5                        | kg BOD <sub>5</sub> /day | 0                    | 0                | 118952     | 12339    | 4312 | 83185 | 0     | 28968 | 247756 |
| 4S.7  | Total load received  | kg BOD <sub>5</sub> /day | 0                    | 22               | 123201     | 19980    | 5301 | 88678 | 4297  | 58838 | 300317 |
| 4S.8  | Load received from trade effluent customers at treatment works | kg BOD <sub>5</sub> /day | 0                    |                  |            |          |      |       |       |       | 6459   |

|  |                        |    |   |   |    |    |    |    |    |    |     |
|--|------------------------|----|---|---|----|----|----|----|----|----|-----|
| <b>B Number of sewage treatment works at 31 March 2019</b> |                        |    |   |   |    |    |    |    |    |    |     |
| 4S.9   | STWs in size band 1    | nr | 0 | 5 | 28 | 48 | 9  | 4  | 9  | 0  | 103 |
| 4S.10  | STWs in size band 2    | nr | 0 | 0 | 10 | 6  | 3  | 5  | 6  | 3  | 33  |
| 4S.11  | STWs in size band 3    | nr | 0 | 0 | 8  | 19 | 4  | 11 | 16 | 32 | 90  |
| 4S.12  | STWs in size band 4    | nr | 0 | 0 | 3  | 18 | 2  | 7  | 10 | 35 | 75  |
| 4S.13  | STWs in size band 5    | nr | 0 | 0 | 3  | 2  | 0  | 3  | 1  | 15 | 24  |
| 4S.14  | STWs above size band 5 | nr | 0 | 0 | 17 | 3  | 1  | 14 | 0  | 7  | 42  |
| 4S.15  | Total number of works  | nr | 0 | 5 | 69 | 96 | 19 | 44 | 42 | 92 | 367 |

| Line description | Unit | DPs | Current year |
|------------------|------|-----|--------------|
|------------------|------|-----|--------------|

|                                |   |      |   |          |
|--------------------------------|---|------|---|----------|
| <b>C Population equivalent</b> |   |      |   |          |
| 4S.16                          | Current population equivalent served by STWs  | 000  | 3 | 4941.600 |
| 4S.17                          | Current population equivalent served by discharge relocation schemes                        | 000s | 3 | 0.000    |
| 4S.18                          | Current population equivalent served by filter bed STWs with tightened/new P consents       | 000s | 3 | 47.730   |
| 4S.19                          | Current population equivalent served by activated sludge STWs with tightened/new P consents | 000s | 3 | 4.120    |
| 4S.20                          | Current population equivalent served by groundwater protection schemes                      | 000s | 3 | 0.000    |
| 4S.21                          | Current population equivalent served by STWs with a Flow1 driver scheme                     | 000s | 3 | 0.000    |
| 4S.22                          | Current population equivalent served by STWs with tightened/new N consents                  | 000s | 3 | 0.000    |
| 4S.23                          | Current population equivalent served by STWs with tightened/new sanitary parameter consents | 000s | 3 | 20.340   |
| 4S.24                          | Current population equivalent served by STWs with tightened/new UV consents                 | 000s | 3 | 0.000    |
| 4S.25                          | Population equivalent treatment capacity enhancement  | 000s | 3 | 21.420   |



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## 4S - Non-financial data - sewage treatment - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Unit | DPs | Phosphorus |  |         |           |       |
|------------------|------|-----|------------|--|---------|-----------|-------|
|                  |      |     | <=0.5mg/l  |  | > 1mg/l | No permit | Total |
|                  |      |     |            |  |         |           |       |

| A  |  |                          |   |      |       |       |        |        |
|--|--|--------------------------|---|------|-------|-------|--------|--------|
| Load received at sewage treatment works in 2018-19 |  |                          |   |      |       |       |        |        |
| 4S.1   | Load received by STWs in size band 1                           | kg BOD <sub>5</sub> /day | 0 | 0    | 11    | 35    | 606    | 652    |
| 4S.2   | Load received by STWs in size band 2                           | kg BOD <sub>5</sub> /day | 0 | 55   | 18    | 109   | 534    | 716    |
| 4S.3   | Load received by STWs in size band 3                           | kg BOD <sub>5</sub> /day | 0 | 846  | 1274  | 495   | 3560   | 6175   |
| 4S.4   | Load received by STWs in size band 4                           | kg BOD <sub>5</sub> /day | 0 | 717  | 4986  | 1556  | 13999  | 21258  |
| 4S.5   | Load received by STWs in size band 5                           | kg BOD <sub>5</sub> /day | 0 | 1213 | 4650  | 11833 | 6063   | 23759  |
| 4S.6   | Load received by STWs above size band 5                        | kg BOD <sub>5</sub> /day | 0 | 6909 | 18909 | 20182 | 201756 | 247756 |
| 4S.7   | Total load received  | kg BOD <sub>5</sub> /day | 0 | 9740 | 29848 | 34210 | 226518 | 300316 |
| 4S.8   | Load received from trade effluent customers at treatment works | kg BOD <sub>5</sub> /day | 0 |      |       |       |        |        |

| B   |                        |    |   |    |    |    |     |     |
|---|------------------------|----|---|----|----|----|-----|-----|
| Number of sewage treatment works at 31 March 2019 |                        |    |   |    |    |    |     |     |
| 4S.9  | STWs in size band 1    | nr | 0 | 0  | 1  | 4  | 98  | 103 |
| 4S.10   | STWs in size band 2    | nr | 0 | 2  | 1  | 5  | 25  | 33  |
| 4S.11   | STWs in size band 3    | nr | 0 | 11 | 16 | 9  | 54  | 90  |
| 4S.12   | STWs in size band 4    | nr | 0 | 4  | 19 | 5  | 47  | 75  |
| 4S.13   | STWs in size band 5    | nr | 0 | 1  | 4  | 12 | 7   | 24  |
| 4S.14   | STWs above size band 5 | nr | 0 | 1  | 5  | 7  | 29  | 42  |
| 4S.15   | Total number of works  | nr | 0 | 19 | 46 | 42 | 260 | 367 |

| Line description | Unit | DPs |
|------------------|------|-----|
|------------------|------|-----|

| C                     |   |      |   |
|-----------------------|---|------|---|
| Population equivalent |   |      |   |
| 4S.16                 | Current population equivalent served by STWs  | 000  | 3 |
| 4S.17                 | Current population equivalent served by discharge relocation schemes                        | 000s | 3 |
| 4S.18                 | Current population equivalent served by filter bed STWs with tightened/new P consents       | 000s | 3 |
| 4S.19                 | Current population equivalent served by activated sludge STWs with tightened/new P consents | 000s | 3 |
| 4S.20                 | Current population equivalent served by groundwater protection schemes                      | 000s | 3 |
| 4S.21                 | Current population equivalent served by STWs with a Flow1 driver scheme                     | 000s | 3 |
| 4S.22                 | Current population equivalent served by STWs with tightened/new N consents                  | 000s | 3 |
| 4S.23                 | Current population equivalent served by STWs with tightened/new sanitary parameter consents | 000s | 3 |
| 4S.24                 | Current population equivalent served by STWs with tightened/new UV consents                 | 000s | 3 |
| 4S.25                 | Population equivalent treatment capacity enhancement  | 000s | 3 |



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## 4S - Non-financial data - sewage treatment - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Unit | DPs | Treatment works consents |                |                 |         |           |       |
|------------------|------|-----|--------------------------|----------------|-----------------|---------|-----------|-------|
|                  |      |     | BOD <sub>5</sub>         |                |                 |         |           |       |
|                  |      |     | <=7mg/l                  | >7 to <=10mg/l | >10 to <=20mg/l | >20mg/l | No permit | Total |

| A    | Load received at sewage treatment works in 2018-19             |                          |   |      |       |       |        |     |        |
|------|--|--------------------------|---|------|-------|-------|--------|-----|--------|
| 4S.1 | Load received by STWs in size band 1                           | kg BOD <sub>5</sub> /day | 0 | 0    | 3     | 93    | 179    | 378 | 653    |
| 4S.2 | Load received by STWs in size band 2                           | kg BOD <sub>5</sub> /day | 0 | 0    | 38    | 330   | 312    | 35  | 715    |
| 4S.3 | Load received by STWs in size band 3                           | kg BOD <sub>5</sub> /day | 0 | 67   | 778   | 3251  | 2079   | 0   | 6175   |
| 4S.4 | Load received by STWs in size band 4                           | kg BOD <sub>5</sub> /day | 0 | 996  | 4971  | 7924  | 7366   | 0   | 21257  |
| 4S.5 | Load received by STWs in size band 5                           | kg BOD <sub>5</sub> /day | 0 | 1696 | 6094  | 6906  | 9063   | 0   | 23759  |
| 4S.6 | Load received by STWs above size band 5                        | kg BOD <sub>5</sub> /day | 0 | 5684 | 12691 | 25030 | 204351 | 0   | 247756 |
| 4S.7 | Total load received  | kg BOD <sub>5</sub> /day | 0 | 8443 | 24575 | 43534 | 223350 | 413 | 300315 |
| 4S.8 | Load received from trade effluent customers at treatment works | kg BOD <sub>5</sub> /day | 0 |      |       |       |        |     |        |

| B     | Number of sewage treatment works at 31 March 2019 |    |   |   |    |     |     |    |     |
|-------|---|----|---|---|----|-----|-----|----|-----|
| 4S.9  | STWs in size band 1                               | nr | 0 | 0 | 1  | 9   | 22  | 71 | 103 |
| 4S.10 | STWs in size band 2                               | nr | 0 | 0 | 2  | 14  | 15  | 2  | 33  |
| 4S.11 | STWs in size band 3                               | nr | 0 | 1 | 12 | 48  | 29  | 0  | 90  |
| 4S.12 | STWs in size band 4                               | nr | 0 | 3 | 17 | 29  | 26  | 0  | 75  |
| 4S.13 | STWs in size band 5                               | nr | 0 | 2 | 7  | 6   | 9   | 0  | 24  |
| 4S.14 | STWs above size band 5                            | nr | 0 | 2 | 4  | 6   | 30  | 0  | 42  |
| 4S.15 | Total number of works                             | nr | 0 | 8 | 43 | 112 | 131 | 73 | 367 |

| Line description | Unit | DPs |
|------------------|------|-----|
|------------------|------|-----|

| C     | Population equivalent   |      |   |
|-------|---|------|---|
| 4S.16 | Current population equivalent served by STWs  | 000  | 3 |
| 4S.17 | Current population equivalent served by discharge relocation schemes                        | 000s | 3 |
| 4S.18 | Current population equivalent served by filter bed STWs with tightened/new P consents       | 000s | 3 |
| 4S.19 | Current population equivalent served by activated sludge STWs with tightened/new P consents | 000s | 3 |
| 4S.20 | Current population equivalent served by groundwater protection schemes                      | 000s | 3 |
| 4S.21 | Current population equivalent served by STWs with a Flow1 driver scheme                     | 000s | 3 |
| 4S.22 | Current population equivalent served by STWs with tightened/new N consents                  | 000s | 3 |
| 4S.23 | Current population equivalent served by STWs with tightened/new sanitary parameter consents | 000s | 3 |
| 4S.24 | Current population equivalent served by STWs with tightened/new UV consents                 | 000s | 3 |
| 4S.25 | Population equivalent treatment capacity enhancement  | 000s | 3 |



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## 4S - Non-financial data - sewage treatment - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line description | Unit | DPs | Ammonia |               |                |         |           |       |
|------------------|------|-----|---------|---------------|----------------|---------|-----------|-------|
|                  |      |     | <=1mg/l | >1 to <=3mg/l | >3 to <=10mg/l | >10mg/l | No permit | Total |

| A Load received at sewage treatment works in 2018-19 |  |                          |   |   |       |       |       |        |        |
|--|--|--------------------------|---|---|-------|-------|-------|--------|--------|
| 4S.1   | Load received by STWs in size band 1                           | kg BOD <sub>5</sub> /day | 0 | 0 | 0     | 107   | 62    | 483    | 652    |
| 4S.2   | Load received by STWs in size band 2                           | kg BOD <sub>5</sub> /day | 0 | 0 | 26    | 217   | 49    | 424    | 716    |
| 4S.3   | Load received by STWs in size band 3                           | kg BOD <sub>5</sub> /day | 0 | 0 | 804   | 3369  | 635   | 1367   | 6175   |
| 4S.4   | Load received by STWs in size band 4                           | kg BOD <sub>5</sub> /day | 0 | 0 | 5203  | 9750  | 647   | 5658   | 21258  |
| 4S.5   | Load received by STWs in size band 5                           | kg BOD <sub>5</sub> /day | 0 | 0 | 8830  | 6574  | 1474  | 6881   | 23759  |
| 4S.6   | Load received by STWs above size band 5                        | kg BOD <sub>5</sub> /day | 0 | 0 | 31603 | 20384 | 29832 | 165937 | 247756 |
| 4S.7   | Total load received  | kg BOD <sub>5</sub> /day | 0 | 0 | 46466 | 40401 | 32699 | 180750 | 300316 |
| 4S.8   | Load received from trade effluent customers at treatment works | kg BOD <sub>5</sub> /day | 0 |   |       |       |       |        |        |

| B Number of sewage treatment works at 31 March 2019 |                        |    |   |   |    |     |    |     |     |
|---|------------------------|----|---|---|----|-----|----|-----|-----|
| 4S.9  | STWs in size band 1    | nr | 0 | 0 | 0  | 15  | 5  | 83  | 103 |
| 4S.10   | STWs in size band 2    | nr | 0 | 0 | 1  | 10  | 2  | 20  | 33  |
| 4S.11   | STWs in size band 3    | nr | 0 | 0 | 13 | 46  | 11 | 20  | 90  |
| 4S.12   | STWs in size band 4    | nr | 0 | 0 | 16 | 35  | 4  | 20  | 75  |
| 4S.13   | STWs in size band 5    | nr | 0 | 0 | 9  | 7   | 2  | 6   | 24  |
| 4S.14   | STWs above size band 5 | nr | 0 | 0 | 8  | 6   | 5  | 23  | 42  |
| 4S.15   | Total number of works  | nr | 0 | 0 | 47 | 119 | 29 | 172 | 367 |

| Line description | Unit | DPs |
|------------------|------|-----|
|------------------|------|-----|

| C Population equivalent |   |      |   |
|-------------------------|---|------|---|
| 4S.16                   | Current population equivalent served by STWs  | 000  | 3 |
| 4S.17                   | Current population equivalent served by discharge relocation schemes                        | 000s | 3 |
| 4S.18                   | Current population equivalent served by filter bed STWs with tightened/new P consents       | 000s | 3 |
| 4S.19                   | Current population equivalent served by activated sludge STWs with tightened/new P consents | 000s | 3 |
| 4S.20                   | Current population equivalent served by groundwater protection schemes                      | 000s | 3 |
| 4S.21                   | Current population equivalent served by STWs with a Flow1 driver scheme                     | 000s | 3 |
| 4S.22                   | Current population equivalent served by STWs with tightened/new N consents                  | 000s | 3 |
| 4S.23                   | Current population equivalent served by STWs with tightened/new sanitary parameter consents | 000s | 3 |
| 4S.24                   | Current population equivalent served by STWs with tightened/new UV consents                 | 000s | 3 |
| 4S.25                   | Population equivalent treatment capacity enhancement  | 000s | 3 |





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## 4T - Non-financial data - sludge treatment - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line | Item description | Unit | DPs | by Incumbent | by 3rd party sludge service providers |
|------|------------------|------|-----|--------------|---------------------------------------|
|------|------------------|------|-----|--------------|---------------------------------------|

| A    | Sludge treatment process                                     |   |   |        |      |
|------|--|---|---|--------|------|
| 4T.1 | % Sludge - untreated   | % | 1 | 0.0%   | 0.0% |
| 4T.2 | % Sludge treatment process - raw sludge liming               | % | 1 | 0.0%   | 0.0% |
| 4T.3 | % Sludge treatment process - conventional AD                 | % | 1 | 100.0% | 0.0% |
| 4T.4 | % Sludge treatment process- advanced AD                      | % | 1 | 0.0%   | 0.0% |
| 4T.5 | % Sludge treatment process - incineration of raw sludge      | % | 1 | 0.0%   | 0.0% |
| 4T.6 | % Sludge treatment process - incineration of digested sludge | % | 1 | 0.0%   | 0.0% |
| 4T.7 | % Sludge treatment process - phyto-conditioning/composting   | % | 1 | 0.0%   | 0.0% |
| 4T.8 | % Sludge treatment process - other (specify)                 | % | 1 | 0.0%   | 0.0% |
| 4T.9 | % Sludge treatment process - Total                           | % | 1 | 100.0% | 0.0% |

| B     | (Un-incinerated) sludge disposal route                   |   |   |        |      |
|-------|--|---|---|--------|------|
| 4T.10 | % Sludge disposal route - landfill, raw                  | % | 1 | 0.0%   | 0.0% |
| 4T.11 | % Sludge disposal route - landfill, partly treated       | % | 1 | 0.0%   | 0.0% |
| 4T.12 | % Sludge disposal route - land restoration / reclamation | % | 1 | 0.7%   | 0.0% |
| 4T.13 | % Sludge disposal route - sludge recycled to farmland    | % | 1 | 99.3%  | 0.0% |
| 4T.14 | % Sludge disposal route - other (specify)                | % | 1 | 0.0%   | 0.0% |
| 4T.15 | % Sludge disposal route - Total                          | % | 1 | 100.0% | 0.0% |



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## 4U - Non-financial data - Properties, population and other - Wholesale wastewater

For the 12 months ended 31 March 2020

| Line | Item description | Unit | DPs | Current year |
|------|------------------|------|-----|--------------|
|------|------------------|------|-----|--------------|

| A     | Properties and population                        |      |   |          |
|-------|--|------|---|----------|
| 4U.1  | Residential properties connected during the year | 000  | 3 | 12.773   |
| 4U.2  | Business properties connected during the year    | 000  | 3 | 0.723    |
| 4U.3  | Residential properties billed unmeasured sewage  | 000  | 3 | 376.296  |
| 4U.4  | Residential properties billed measured sewage    | 000  | 3 | 1468.647 |
| 4U.5  | Residential properties billed for sewage         | 000  | 3 | 1844.943 |
| 4U.6  | Business properties billed unmeasured sewage     | 000  | 3 | 5.500    |
| 4U.7  | Business properties billed measured sewage       | 000  | 3 | 70.362   |
| 4U.8  | Business properties billed for sewage            | 000  | 3 | 75.862   |
| 4U.9  | Void properties                                  | 000  | 3 | 78.126   |
| 4U.10 | Total number of properties                       | 000s | 3 | 1998.931 |

|       |                         |     |   |          |
|-------|-------------------------|-----|---|----------|
| 4U.11 | Resident population     | 000 | 3 | 4651.760 |
| 4U.12 | Non-resident population | 000 | 3 | 63.689   |

| B     | Other  |      |   |            |
|-------|--|------|---|------------|
| 4U.13 | Energy consumption - network plus  | MWh  | 3 | 302302.684 |
| 4U.14 | Energy consumption - sludge  | MWh  | 3 | 59994.576  |
| 4U.15 | Energy consumption - wholesale   | MWh  | 3 | 362297.260 |
| 4U.16 | Population resident in National Parks, SSSIs and Areas of Outstanding Natural Beauty (AONBs) | 000s | 3 | 387.718    |
| 4U.17 | Total sewerage catchment area  | km2  | 0 | 1503       |
| 4U.18 | Designated bathing waters  | nr   | 0 | 83         |
| 4U.19 | Number of intermittent discharge sites with event duration monitoring                        | nr   | 0 | 111        |
| 4U.20 | Number of monitors for flow monitoring at STWs   | Nr   | 0 | 3          |
| 4U.21 | Number of odour related complaints   | nr   | 0 | 1430       |
| 4U.22 | Volume of storage provided at CSOs, storm tanks, etc to meet spill frequency objectives      | m3   | 0 | 0          |
| 4U.23 | Total volume of network storage  | m3   | 0 | 2562165    |

## 4V - Operating cost analysis - water resources

For the 12 months ended 31 March 2020

| Line                               | Item description  | Unit | DPs | Impounding Reservoir | Pumped Storage | River Abstractions | Groundwater, excluding MAR water supply schemes | Artificial Recharge (AR) water supply schemes | Aquifer Storage and Recovery (ASR) water supply schemes | Other | Total  |
|------------------------------------|---|------|-----|----------------------|----------------|--------------------|---|---|---|-------|--------|
| <b>Water resources</b>             |   |      |     |                      |                |                    |   |   |   |       |        |
| <b>A Opex analysis</b>             |   |      |     |                      |                |                    |   |   |   |       |        |
| 4V.1                               | Power   | £m   | 3   | 0.386                | 0.002          | 0.610              | 2.958   | 0.000   | 0.000   | 0.000 | 3.956  |
| 4V.2                               | Income Treated as negative expenditure                      | £m   | 3   | 0.000                | 0.000          | 0.000              | 0.000   | 0.000   | 0.000   | 0.000 | 0.000  |
| 4V.3                               | Abstraction charges/ discharge consents                     | £m   | 3   | 0.032                | 0.109          | 1.121              | 2.600   | 0.000   | 0.000   | 0.000 | 3.862  |
| 4V.4                               | Bulk supply   | £m   | 3   | 0.000                | 0.000          | 0.000              | 0.000   | 0.000   | 0.000   | 0.000 | 0.000  |
| <b>Other operating expenditure</b> |   |      |     |                      |                |                    |   |   |   |       |        |
| 4V.5                               | - Renewals expensed in year (Infrastructure)                | £m   | 3   | 0.000                | 0.000          | 0.000              | 0.000   | 0.000   | 0.000   | 0.000 | 0.000  |
| 4V.6                               | - Renewals expensed in year (Non-Infrastructure)            | £m   | 3   | 0.000                | 0.000          | 0.000              | 0.000   | 0.000   | 0.000   | 0.000 | 0.000  |
| 4V.7                               | - Other operating expenditure excluding renewals - direct   | £m   | 3   | 0.347                | 0.003          | 0.384              | 0.602   | 0.000   | 0.000   | 0.000 | 1.336  |
| 4V.8                               | - Other operating expenditure excluding renewals - indirect | £m   | 3   | 0.106                | 0.016          | 0.294              | 0.855   | 0.000   | 0.000   | 0.000 | 1.271  |
| 4V.9                               | Total functional expenditure                                | £m   | 3   | 0.871                | 0.130          | 2.409              | 7.015   | 0.000   | 0.000   | 0.000 | 10.425 |
| 4V.10                              | Local authority and Cumulo rates                            | £m   | 3   | 0.082                | 0.012          | 0.227              | 0.662   | 0.000   | 0.000   | 0.000 | 0.983  |
| 4V.11                              | Total operating expenditure (excluding 3rd party)           | £m   | 3   | 0.953                | 0.142          | 2.636              | 7.677   | 0.000   | 0.000   | 0.000 | 11.408 |
| 4V.12                              | Depreciation  | £m   | 3   | 1.048                | 0.000          | 1.202              | 1.777   | 0.000   | 0.000   | 0.000 | 4.027  |
| 4V.13                              | Total operating costs (excluding 3rd party)                 | £m   | 3   | 2.001                | 0.142          | 3.838              | 9.454   | 0.000   | 0.000   | 0.000 | 15.435 |

| Line   | Item description                              | Unit | DPs | Water resources | Raw water distribution | Water treatment | Treated water distribution | Total   |
|--|---|------|-----|-----------------|------------------------|-----------------|----------------------------|---------|
| <b>B Other expenditure - wholesale water</b> |   |      |     |                 |                        |                 |                            |         |
| 4V.14  | Employment costs - directly allocated         | £m   | 3   | 0.989           | 0.000                  | 16.702          | 10.462                     | 28.153  |
| 4V.15  | Employment costs - indirectly allocated       | £m   | 3   | 0.936           | 0.000                  | 7.900           | 6.974                      | 15.810  |
| 4V.16  | Number FTEs consistent - directly allocated   | Nr   | 0   | 19              | 0                      | 336             | 231                        | 586.000 |
| 4V.17  | Number FTEs consistent - indirectly allocated | Nr   | 0   | 9               | 0                      | 74              | 65                         | 148.000 |
| 4V.18  | Costs associated with Traffic Management Act  | £m   | 3   | 0.000           | 0.000                  | 0.000           | 2.309                      | 2.309   |

| Line                     | Item description   | Unit | DPs | Water resources | Raw water distribution | Water treatment | Treated water distribution | Total |
|--------------------------|--|------|-----|-----------------|------------------------|-----------------|----------------------------|-------|
| <b>C Service charges</b> |  |      |     |                 |                        |                 |                            |       |
| 4V.19                    | Canal & River Trust service charges and discharge consents | £m   | 3   | 0.000           | 0.000                  | 0.000           | 0.000                      | 0.000 |
| 4V.20                    | Environment Agency service charges/ discharge consents     | £m   | 3   | 3.862           | 0.000                  | 0.102           | 0.000                      | 3.964 |
| 4V.21                    | Other abstraction charges/ discharge consents              | £m   | 3   | 0.000           | 0.000                  | 0.000           | 0.000                      | 0.000 |
| 4V.22                    | Statutory water softening                                  | £m   | 3   | 0.000           | 0.000                  | 0.000           | 0.000                      | 0.000 |

#### 4W - Operating cost analysis - sludge transport, treatment and disposal

For the 12 months ended 31 March 2020

| Line                               | Item description  | Unit | DPs | Pipeline | Tanker | Truck | Total |
|------------------------------------|---|------|-----|----------|--------|-------|-------|
| <b>A Sludge transport method</b>   |   |      |     |          |        |       |       |
| 4W.1                               | Power   | £m   | 3   | 0.032    | 0.000  | 0.000 | 0.032 |
| 4W.2                               | Income Treated as negative expenditure                      | £m   | 3   | 0.000    | 0.000  | 0.000 | 0.000 |
| 4W.3                               | Discharge consents  | £m   | 3   | 0.000    | 0.000  | 0.000 | 0.000 |
| 4W.4                               | Bulk supply   | £m   | 3   | 0.000    | 0.000  | 0.000 | 0.000 |
| <b>Other operating expenditure</b> |   |      |     |          |        |       |       |
| 4W.5                               | - Renewals expensed in year (Infrastructure)                | £m   | 3   | 0.000    | 0.000  | 0.000 | 0.000 |
| 4W.6                               | - Renewals expensed in year (Non-Infrastructure)            | £m   | 3   | 0.000    | 0.000  | 0.000 | 0.000 |
| 4W.7                               | - Other operating expenditure excluding renewals - direct   | £m   | 3   | 0.000    | 4.345  | 0.000 | 4.345 |
| 4W.8                               | - Other operating expenditure excluding renewals - indirect | £m   | 3   | 0.000    | 0.268  | 0.000 | 0.268 |
| 4W.9                               | Total functional expenditure                                | £m   | 3   | 0.032    | 4.613  | 0.000 | 4.645 |
| 4W.10                              | Local authority and Cumulo rates                            | £m   | 3   | 0.000    | 0.000  | 0.000 | 0.000 |
| 4W.11                              | Total operating expenditure (excluding 3rd party)           | £m   | 3   | 0.032    | 4.613  | 0.000 | 4.645 |
| 4W.12                              | Depreciation  | £m   | 3   | 0.000    | 0.000  | 0.000 | 0.000 |
| 4W.13                              | Total operating costs (excluding 3rd party)                 | £m   | 3   | 0.032    | 4.613  | 0.000 | 4.645 |

| B                                  | Sludge treatment type  | Unit | DPs | Untreated sludge | Raw sludge liming | Conventional AD | Advanced AD | Incineration of raw sludge | Incineration of digested Sludge | Photo-conditioning / composting | Other | Total  |
|------------------------------------|--|------|-----|------------------|-------------------|-----------------|-------------|----------------------------|---------------------------------|---------------------------------|-------|--------|
| 4W.14                              | Power  | £m   | 3   | 0.000            | 0.000             | -2.426          | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | -2.426 |
| 4W.15                              | Income treated as negative expenditure                       | £m   | 3   | 0.000            | 0.000             | -4.606          | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | -4.606 |
| 4W.16                              | Discharge consents   | £m   | 3   | 0.000            | 0.000             | 0.000           | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 0.000  |
| 4W.17                              | Bulk supply  | £m   | 3   | 0.000            | 0.000             | 0.000           | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 0.000  |
| <b>Other operating expenditure</b> |  |      |     |                  |                   |                 |             |                            |                                 |                                 |       |        |
| 4W.18                              | - Renewals expensed in year (Infrastructure)                 | £m   | 3   | 0.000            | 0.000             | 0.000           | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 0.000  |
| 4W.19                              | - Renewals expensed in year (Non-Infrastructure)             | £m   | 3   | 0.000            | 0.000             | 0.000           | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 0.000  |
| 4W.20                              | Other direct operating expenditure (New cods? Check defn)    | £m   | 3   | 0.000            | 0.000             | 12.096          | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 12.096 |
| 4W.21                              | Other indirect operating expenditure (new code? Check defn.) | £m   | 3   | 0.000            | 0.000             | 3.782           | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 3.782  |
| 4W.22                              | Total functional expenditure                                 | £m   | 3   | 0.000            | 0.000             | 8.846           | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 8.846  |
| 4W.23                              | Local authority and Cumulo rates                             | £m   | 3   | 0.000            | 0.000             | 1.764           | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 1.764  |
| 4W.24                              | Total operating expenditure (excluding 3rd party)            | £m   | 3   | 0.000            | 0.000             | 10.610          | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 10.610 |
| 4W.25                              | Depreciation   | £m   | 3   | 0.000            | 0.000             | 19.593          | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 19.593 |
| 4W.26                              | Total operating costs (excluding 3rd party)                  | £m   | 3   | 0.000            | 0.000             | 30.203          | 0.000       | 0.000                      | 0.000                           | 0.000                           | 0.000 | 30.203 |

| C                                  | Sludge disposal route  | Unit | DPs | Landfill, raw | Landfill, partly treated | Land restoration / reclamation | Sludge recycled to farmland | Other | Total |
|------------------------------------|--|------|-----|---------------|--------------------------|--------------------------------|-----------------------------|-------|-------|
| 4W.27                              | Power  | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 0.000                       | 0.000 | 0.000 |
| 4W.28                              | Income treated as negative expenditure                       | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 0.000                       | 0.000 | 0.000 |
| 4W.29                              | Discharge consents   | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 0.000                       | 0.000 | 0.000 |
| 4W.30                              | Bulk supply  | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 0.000                       | 0.000 | 0.000 |
| <b>Other operating expenditure</b> |  |      |     |               |                          |                                |                             |       |       |
| 4W.31                              | - Renewals expensed in year (Infrastructure)                 | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 0.000                       | 0.000 | 0.000 |
| 4W.32                              | - Renewals expensed in year (Non-Infrastructure)             | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 0.000                       | 0.000 | 0.000 |
| 4W.33                              | Other direct operating expenditure (New cods? Check defn)    | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 6.010                       | 0.000 | 6.010 |
| 4W.34                              | Other indirect operating expenditure (new code? Check defn.) | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 0.543                       | 0.000 | 0.543 |
| 4W.35                              | Total functional expenditure                                 | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 6.553                       | 0.000 | 6.553 |
| 4W.36                              | Local authority and Cumulo rates                             | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 0.000                       | 0.000 | 0.000 |
| 4W.37                              | Total operating expenditure (excluding 3rd party)            | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 6.553                       | 0.000 | 6.553 |
| 4W.38                              | Depreciation   | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 0.000                       | 0.000 | 0.000 |
| 4W.39                              | Total operating costs (excluding 3rd party)                  | £m   | 3   | 0.000         | 0.000                    | 0.000                          | 6.553                       | 0.000 | 6.553 |

#### Other expenditure - Wholesale wastewater

| Line                     | Item description   | Unit | DPs | Network plus sewage collection | Network plus sewage treatment | Sludge | Total  |
|--------------------------|--|------|-----|--------------------------------|-------------------------------|--------|--------|
| <b>D Opex analysis</b>   |  |      |     |                                |                               |        |        |
| 4W.40                    | Employment costs - directly allocated                      | £m   | 3   | 17.055                         | 27.186                        | 4.553  | 48.794 |
| 4W.41                    | Employment costs - indirectly allocated                    | £m   | 3   | 9.790                          | 15.479                        | 2.786  | 28.055 |
| 4W.42                    | Number FTEs - directly allocated                           | Nr   | 0   | 380                            | 555                           | 102    | 1037   |
| 4W.43                    | Number FTEs - indirectly allocated                         | Nr   | 0   | 92                             | 145                           | 26     | 263    |
| 4W.44                    | Costs associated with Traffic Management Act               | £m   | 3   | 0.257                          | 0.000                         | 0.000  | 0.257  |
| 4W.45                    | Costs associated with Industrial Emissions Directive       | £m   | 3   | 0.000                          | 0.000                         | 0.000  | 0.000  |
| <b>E Service charges</b> |  |      |     |                                |                               |        |        |
| 4W.46                    | Canal & River Trust service charges and discharge consents | £m   | 3   | 0.000                          | 0.000                         | 0.000  | 0.000  |
| 4W.47                    | Environment Agency service charges / discharge consents    | £m   | 3   | 1.140                          | 2.922                         | 0.000  | 4.062  |
| 4W.48                    | Other service charges / permits                            | £m   | 3   | 0.000                          | 0.000                         | 0.000  | 0.000  |



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## Bidding activity: bioresources market

For the 12 months ended 31 March 2020

| Line                                 | Item description   | Units      | DPs | Current year |
|--------------------------------------|--|------------|-----|--------------|
| <b>A Summary of market activity</b>  |  |            |     |              |
| A1                                   | Total number of contracts held with a third party at end of the financial year                       | nr         | 0   | 2            |
| A2                                   | Total amount paid on contracts during the financial year   | £000       | 3   | 12220.000    |
| A3                                   | Number of different suppliers at the year end  | nr         | 0   | 2            |
| A4                                   | Number of contracts ended during the year  | nr         | 0   | 0            |
| A5                                   | Number of contracts renewed during the year  | nr         | 0   | 1            |
| A6                                   | Number of new contracts that have been agreed during the year  | nr         | 0   | 0            |
| <b>B Formal tender process</b>       |  |            |     |              |
| B1                                   | Number of formal tenders you issued during the year  | nr         | 0   | 0            |
| B2                                   | Total number of bids received on all your tenders  | nr         | 0   | 0            |
| B3                                   | Number of tenders you awarded during the year  | nr         | 0   | 0            |
| <b>C Informal bidding process</b>    |  |            |     |              |
| C1                                   | Number of offers made by a third party outside the formal tender process during the financial year   | nr         | 0   | 0            |
| C2                                   | The number of successful offers  | nr         | 0   | 0            |
| <b>D Treatment of sludge</b>         |  |            |     |              |
| D1                                   | Total quantity of sludge produced in performance of the company's functions as a sewerage undertaker | ttds/ year | 2   | 116.22       |
| D2                                   | Quantity of sludge treated in-house  | ttds/ year | 2   | 116.22       |
| D3                                   | Quantity of sludge treated by a third party  | ttds/ year | 2   | 0.00         |
| D4                                   | Number of contracts to provide sludge treatment  | nr         | 0   | 0            |
| D5                                   | Number of suppliers with contracts for sludge treatment  | nr         | 0   | 0            |
| <b>E Sludge transported</b>          |  |            |     |              |
| E1                                   | Total quantity of sludge transported by road   | ttds/ year | 2   | 59.09        |
| E2                                   | Quantity of sludge transported by road in-house by your own bioresources service                     | ttds/ year | 2   | 0.00         |
| E3                                   | Quantity of sludge transported by road by a third party  | ttds/ year | 2   | 59.09        |
| E4                                   | Number of contracts to provide sludge transport services   | nr         | 0   | 2            |
| E5                                   | Number of suppliers with contracts for sludge transportation   | nr         | 0   | 2            |
| <b>F Sludge recycled or disposed</b> |  |            |     |              |
| F1                                   | Total quantity of sludge recycled or disposed  | ttds/ year | 2   | 64.67        |
| F2                                   | Quantity of sludge recycled or disposed in-house by your own bioresources service                    | ttds/ year | 2   | 0.00         |
| F3                                   | Quantity of sludge recycled by a third party   | ttds/ year | 2   | 64.67        |
| F4                                   | Number of contracts held to provide sludge recycling or disposal services                            | nr         | 0   | 1            |
| F5                                   | Number of suppliers with contracts for sludge recycling or disposal                                  | nr         | 0   | 1            |