

STATEMENT OF SIGNIFICANT CHANGES IN CHARGES FOR NEW CONNECTIONS AND NEW DEVELOPMENTS FOR 2023/24

This statement is published in accordance with the Charging Rules for New Connection Services (English Undertakers) issued by the Water Services Regulation Authority under sections 51CD, 105ZF, 143B and 144ZA of the Water Industry Act 1991, effective from April 2022

Our Charging Arrangements for 2023/24 can be found on our websites at:

<https://www.nwl.co.uk/services/developers/our-charges/>, and

<https://www.eswater.co.uk/services/developers/our-charges/>

In response to Ofwat's requirement that infrastructure charges should be equal to network reinforcement costs over a five-year period, we have periodically reviewed our network reinforcement requirements and adjusted our infrastructure charges accordingly. We have reassessed our forecast of water network reinforcement requirements and determined that we will need to increase water infrastructure charges to fund the forecast reinforcement up to 31 March 2028. We have opted to do this in a phased manner, increasing our water infrastructure charges to £165 from £130 per house in the Northumbrian (NW) area and to £200 from £140 in our Essex & Suffolk (ESW) area for the charging year that begins on 1 April 2023. Further increases to £218 per house in the NW area and £320 per house in the ESW area will follow in subsequent years.

We have reviewed the forecast of network reinforcement expenditure that is anticipated on our sewerage network and propose to reduce our wastewater infrastructure charges, applicable in the NW area only, from £95 per house in 2022/23 to £75 in 2023/24.

Our labour and contractor costs are affected by the volatile inflation that the UK is experiencing presently. To reflect this, many of our fees and charges have been increased in line with November 2022 Consumer Prices Index (CPIH) of 9.4%.

We recently carried out a substantial review of service connection costs and revenue and this has indicated a need to increase charges, by more than inflation, for constructing service connections where the connection is made to an existing water main. This is so these service connection charges are more cost reflective. Charges have also been increased, above inflation, for constructing service connections to a newly laid water main.

Where relevant, the fees and charges for non-contestable work we provide to Self Lay Providers (SLP) and new appointee (NAV) customers are also subject to the same influencing factors on our costs. Consequently, our fees for services and charges for non-contestable work we undertake for SLPs and NAVs have increased accordingly.

Handling strategies

When considering the impact of increased charges on customers, we have in previous years implemented strategies to phase in cost increases over time. After further analysis of cost and incomes, and in response to a general increase in costs (driven by inflationary pressures) over the past year we have opted to introduce some costs immediately in order to achieve cost reflective and stable charges.

We are conscious of the impact that increased charges can have on customers however we also must take into account that phased increases can result in delaying necessary cost increases, that may become more significant the longer they are delayed.

Given the current environment of rising costs and volatile inflation, this move from a phased strategy was adopted to avoid a situation where costs would have to increase more drastically in future years.

We have opted to phase in increases to our infrastructure charges with the aim of reaching a stable, predictable charge level, while allowing customers time to adapt to this increased cost. In line with Ofwat guidance, infrastructure charges have been set with the aim of recovering network reinforcement costs over a rolling 5-year period, affording us greater flexibility to phase these charges as compared to other costs.

Comparisons of 2023/24 charges with 2022/23 charges

We have set out in our Charging Arrangements worked examples of our new charges in accordance with Ofwat's document [Common Terms and Worked Examples - English New Connection Rules - Effective from April 2022](#). Within Appendices 1 and 2 of this statement we have included comparisons of our 2023/24 charges against our 2022/23 charges for the same worked examples.

The variance in the costs (based upon the installation of polyethylene mains and service connections) are summarised in the table below. The table shows the impacts after the handling strategies have been applied.

| No. | Scenario description | Cost variance 23/24 vs 22/23 | |
|-----|------------------------------------------------------------------------------------------------------------------------|------------------------------|------|
| | | NW | ESW |
| 1 | Single connection to a house from an existing main | +38% | +12% |
| 2 | Single connection to block of flats from an existing main | +11% | +15% |
| 3 | Medium housing development requiring new mains and communication pipes (excavation and reinstatement by others) | +11% | +14% |
| 4 | Medium housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) | +7% | +12% |
| 5 | Large housing development requiring new mains and communication pipes (excavation and reinstatement by others) | +12% | +14% |
| 6 | Large housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) | +7% | +12% |

For NW customers, our increased infrastructure charge is somewhat offset by our reduction in wastewater charges such that customers will typically pay £15 more per connected property in 2023/24 compared to 2022/23. Service connection construction costs represent the key factor driving increases in our charges.

Essex and Suffolk customers will typically pay £60 more per connected property in 2023/24 in terms of water infrastructure charges alone compared to 2022/23. Construction charges for service connections and water mains also represent the most significant cost factor in this region.

Consultation

In December 2022 we requested and considered feedback from our developer services customers (developers, SLPs, and NAVs), regarding our charges. This has informed our approach to setting charges, in particular our decision to phase in increases to infrastructure charge.

Appendix 1

Impact assessment of charges for 2023/24 in the NW area

Scenario 1: Single connection to a house from an existing main

2023/24 cost

| Scenario 1: Single connection to a house from an existing main - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|-------------------------------------------------------------------------------------|------------------------------------------|-----------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 133 | 133 | 133 | 133 | | 53 | 53 | |
| Y | Administration fee | per application | 1 | 213 | 213 | 213 | 213 | | 40 | 40 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Construction Charges | | | | | | | | | | | |
| Y | Connection | per connection | 1 | 1432 | 1432 | 1587 | 1587 | Y | | | |
| N | Pipework - Road surface | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 1 | | | | | Y | 39 | 39 | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 1 | 77 | 77 | 77 | 77 | Y | 34 | 34 | |
| Y | Pre-occupancy charge | per property | 1 | 58 | 58 | 58 | 58 | | 58 | 58 | |
| Y | Wastewater connection application fee | per application | 1 | 121 | 121 | 121 | 121 | | 121 | 121 | |
| Y | Wastewater connection administration fee | per application | 1 | 231 | 231 | 231 | 231 | | 231 | 231 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 1 | 165 | 165 | 165 | 165 | | 165 | 165 | |
| Y | Infrastructure Charge - Sewerage | per property | 1 | 75 | 75 | 75 | 75 | | 75 | 75 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | 2505 | | 2660 | | | 883 | |

2022/23 cost

| Scenario 1: Single connection to a house from an existing main - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|-------------------------------------------------------------------------------------|------------------------------------------|-----------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 122 | 122 | 122 | 122 | | 48 | 48 | |
| Y | Administration fee | per application | 1 | 195 | 195 | 195 | 195 | | 37 | 37 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Construction Charges | | | | | | | | | | | |
| Y | Connection | per connection | 1 | 848 | 848 | 909 | 909 | Y | | | |
| N | Pipework - Road surface | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 1 | | | | | Y | 49 | 49 | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 1 | 70 | 70 | 70 | 70 | Y | 31 | 31 | |
| Y | Pre-occupancy charge | per property | 1 | 35 | 35 | 35 | 35 | | 35 | 35 | |
| Y | Wastewater connection application fee | per application | 1 | 111 | 111 | 111 | 111 | | 111 | 111 | |
| Y | Wastewater connection administration fee | per application | 1 | 211 | 211 | 211 | 211 | | 211 | 211 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 1 | 130 | 130 | 130 | 130 | | 130 | 130 | |
| Y | Infrastructure Charge - Sewerage | per property | 1 | 95 | 95 | 95 | 95 | | 95 | 95 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | 1817 | | 1878 | | | 808 | |

Variance = +38%

Scenario 2: Single connection to block of flats from an existing main

2023/24 cost

| Scenario 2: Single connection to block of flats from an existing main - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 133 | 133 | 133 | 133 | | 53 | 53 | |
| Y | Administration fee | per application | 1 | 213 | 213 | 213 | 213 | | 40 | 40 | |
| Y | Administration fee - service connection made at same time as another | per connection | 9 | 45 | 405 | 45 | 405 | | 40 | 360 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Construction Charges | | | | | | | | | | | |
| Y | Connection | per connection | 1 | 2060 | 2060 | 2282 | 2282 | Y | | | |
| Y | Branch service connection or manifold connection | per connection | 10 | 221 | 2210 | 282 | 2820 | Y | | | |
| Y | Chlorination/pressure test | per connection | 1 | 291 | 291 | 291 | 291 | Y | | | |
| N | Pipework - Road surface | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 10 | | | | | Y | 39 | 390 | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee (>32mm dia., domestic fittings) | per connection | 1 | 467 | 467 | 467 | 467 | Y | 34 | 34 | |
| Y | Pre-occupancy charge | per property | 10 | 58 | 580 | 58 | 580 | | 58 | 580 | |
| Y | Wastewater connection application fee | per application | 1 | 121 | 121 | 121 | 121 | | 121 | 121 | |
| Y | Wastewater connection administration fee | per application | 1 | 231 | 231 | 231 | 231 | | 231 | 231 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 10 | 165 | 1650 | 165 | 1650 | | 165 | 1650 | |
| Y | Infrastructure Charge - Sewerage | per property | 10 | 75 | 750 | 75 | 750 | | 75 | 750 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 10 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 10 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | 9111 | | 9943 | | | 4276 | |

2022/23 cost

| Scenario 2: Single connection to block of flats from an existing main - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 122 | 122 | 122 | 122 | | 48 | 48 | |
| Y | Administration fee | per application | 1 | 195 | 195 | 195 | 195 | | 37 | 37 | |
| Y | Administration fee - service connection made at same time as another | per connection | 9 | 41 | 369 | 41 | 369 | | 37 | 333 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Construction Charges | | | | | | | | | | | |
| Y | Connection | per connection | 1 | 1883 | 1883 | 2068 | 2068 | Y | | | |
| Y | Branch service connection or manifold connection | per connection | 10 | 202 | 2020 | 202 | 2020 | Y | | | |
| Y | Chlorination/pressure test | per connection | 1 | 266 | 266 | 266 | 266 | Y | | | |
| N | Pipework - Road surface | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 10 | | | | | Y | 49 | 490 | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee (>32mm dia., domestic fittings) | per connection | 1 | 427 | 427 | 427 | 427 | Y | 31 | 31 | |
| Y | Pre-occupancy charge | per property | 10 | 35 | 350 | 35 | 350 | | 35 | 350 | |
| Y | Wastewater connection application fee | per application | 1 | 111 | 111 | 111 | 111 | | 111 | 111 | |
| Y | Wastewater connection administration fee | per application | 1 | 211 | 211 | 211 | 211 | | 211 | 211 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 10 | 130 | 1300 | 130 | 1300 | | 130 | 1300 | |
| Y | Infrastructure Charge - Sewerage | per property | 10 | 95 | 950 | 95 | 950 | | 95 | 950 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 10 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 10 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | 8204 | | 8389 | | | 3922 | |

Variance = +11%

Scenario 3: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by others)

2023/24 cost

| Scenario 3: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by others) - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 50 | 57 | 2850 | 57 | 2850 | | 40 | 2000 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 118 | 118 | 118 | 118 | | 118 | 118 | |
| Y | Administration fee | per application | 1 | 513 | 513 | 513 | 513 | | 382 | 382 | |
| Y | Design fee | per application | 1 | 363 | 363 | 363 | 363 | Y | 227 | 227 | |
| Y | Design fee | per 20 connections or part thereof | 3 | 78 | 234 | 78 | 234 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 50 | 239 | 14950 | 331 | 16550 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 50 | | | | | Y | 39 | 1950 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 3081 | 3081 | |
| Y | Pipework - construct 125 mm diameter water main - road | per metre | 10 | 137 | 1370 | 207 | 2070 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 130 | 51 | 6630 | 61 | 11590 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 100 | 48 | 4800 | 58 | 5800 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 1231 | 1231 | 1231 | 1231 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 183 | 183 | 183 | 183 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 89 | 712 | 89 | 712 | Y | | | |
| Y | Trial hole | per excavation | 1 | 399 | 399 | 399 | 399 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 50 | 34 | 1700 | 34 | 1700 | Y | 34 | 1700 | |
| Y | Pre-occupancy charge | per property | 50 | 58 | 2900 | 58 | 2900 | | 58 | 2900 | |
| Y | Wastewater connection application fee | per application | 1 | 121 | 121 | 121 | 121 | | 121 | 121 | |
| Y | Wastewater connection administration fee | per application | 1 | 231 | 231 | 231 | 231 | | 231 | 231 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 50 | 165 | 8250 | 165 | 8250 | | 165 | 8250 | |
| Y | Infrastructure Charge - Sewerage | per property | 50 | 75 | 3750 | 75 | 3750 | | 75 | 3750 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | 54965 | | 53665 | | | 24774 | |

2022/23 cost

| Scenario 3: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by others) - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 50 | 52 | 2600 | 52 | 2600 | | 37 | 1850 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 108 | 108 | 108 | 108 | | 108 | 108 | |
| Y | Administration fee | per application | 1 | 469 | 469 | 469 | 469 | | 349 | 349 | |
| Y | Design fee | per application | 1 | 332 | 332 | 332 | 332 | Y | 208 | 208 | |
| Y | Design fee | per 20 connections or part thereof | 3 | 72 | 216 | 72 | 216 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 50 | 259 | 12950 | 322 | 16100 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 50 | | | | | Y | 49 | 2450 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 2816 | 2816 | |
| Y | Pipework - construct 125 mm diameter water main - road | per metre | 10 | 180 | 1800 | 189 | 1890 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 190 | 47 | 8930 | 58 | 10640 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 100 | 44 | 4400 | 53 | 5300 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 1497 | 1497 | 1497 | 1497 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 168 | 168 | 168 | 168 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 82 | 656 | 82 | 656 | Y | | | |
| Y | Trial hole | per excavation | 1 | 365 | 365 | 365 | 365 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 50 | 31 | 1550 | 31 | 1550 | Y | 31 | 1550 | |
| Y | Pre-occupancy charge | per property | 50 | 35 | 1750 | 35 | 1750 | | 35 | 1750 | |
| Y | Wastewater connection application fee | per application | 1 | 111 | 111 | 111 | 111 | | 111 | 111 | |
| Y | Wastewater connection administration fee | per application | 1 | 211 | 211 | 211 | 211 | | 211 | 211 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 50 | 130 | 6500 | 130 | 6500 | | 130 | 6500 | |
| Y | Infrastructure Charge - Sewerage | per property | 50 | 95 | 4750 | 95 | 4750 | | 95 | 4750 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | 49363 | | 55213 | | | 22714 | |

Variance = +11%

Scenario 4: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company)

2023/24 cost

| Scenario 4: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 50 | 57 | 2850 | 57 | 2850 | | 40 | 2000 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 118 | 118 | 118 | 118 | | 118 | 118 | |
| Y | Administration fee | per application | 1 | 513 | 513 | 513 | 513 | | 382 | 382 | |
| Y | Design fee | per application | 1 | 363 | 363 | 363 | 363 | Y | 227 | 227 | |
| N | Design fee | per 20 connections or part thereof | 3 | 78 | 234 | 78 | 234 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 50 | 499 | 24950 | 553 | 27650 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 50 | | | | | Y | 39 | 1950 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 3081 | 3081 | |
| Y | Pipework - construct 125 mm diameter water main - road | per metre | 10 | 197 | 1970 | 207 | 2070 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main - footpath | per metre | 50 | 197 | 9850 | 207 | 10350 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main - unmade ground | per metre | 140 | 79 | 11060 | 89 | 12460 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main - unmade ground | per metre | 100 | 75 | 7500 | 85 | 8500 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 1231 | 1231 | 1231 | 1231 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 183 | 183 | 183 | 183 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 89 | 712 | 89 | 712 | Y | | | |
| Y | Trial hole | per excavation | 1 | 399 | 399 | 399 | 399 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 50 | 34 | 1700 | 34 | 1700 | Y | 34 | 1700 | |
| Y | Pre-occupancy charge | per property | 50 | 58 | 2900 | 58 | 2900 | | 58 | 2900 | |
| Y | Wastewater connection application fee | per application | 1 | 121 | 121 | 121 | 121 | | 121 | 121 | |
| Y | Wastewater connection administration fee | per application | 1 | 231 | 231 | 231 | 231 | | 231 | 231 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 50 | 165 | 8250 | 165 | 8250 | | 165 | 8250 | |
| Y | Infrastructure Charge - Sewerage | per property | 50 | 75 | 3750 | 75 | 3750 | | 75 | 3750 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | | 78865 | | 84585 | | 24777 | |

2022/23 cost

| Scenario 4: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 50 | 52 | 2600 | 52 | 2600 | | 37 | 1850 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 108 | 108 | 108 | 108 | | 108 | 108 | |
| Y | Administration fee | per application | 1 | 469 | 469 | 469 | 469 | | 349 | 349 | |
| Y | Design fee | per application | 1 | 332 | 332 | 332 | 332 | Y | 208 | 208 | |
| N | Design fee | per 20 connections or part thereof | 3 | 72 | 216 | 72 | 216 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 50 | 496 | 24750 | 547 | 27350 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 50 | | | | | Y | 49 | 2450 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 2816 | 2816 | |
| Y | Pipework - construct 125 mm diameter water main - road | per metre | 10 | 180 | 1800 | 189 | 1890 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main - footpath | per metre | 50 | 180 | 9000 | 189 | 9450 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main - unmade ground | per metre | 140 | 72 | 10080 | 81 | 11340 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main - unmade ground | per metre | 100 | 69 | 6900 | 78 | 7800 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 1497 | 1497 | 1497 | 1497 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 168 | 168 | 168 | 168 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 82 | 656 | 82 | 656 | Y | | | |
| Y | Trial hole | per excavation | 1 | 365 | 365 | 365 | 365 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 50 | 31 | 1550 | 31 | 1550 | Y | 31 | 1550 | |
| Y | Pre-occupancy charge | per property | 50 | 35 | 1750 | 35 | 1750 | | 35 | 1750 | |
| Y | Wastewater connection application fee | per application | 1 | 111 | 111 | 111 | 111 | | 111 | 111 | |
| Y | Wastewater connection administration fee | per application | 1 | 211 | 211 | 211 | 211 | | 211 | 211 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 50 | 130 | 6500 | 130 | 6500 | | 130 | 6500 | |
| Y | Infrastructure Charge - Sewerage | per property | 50 | 95 | 4750 | 95 | 4750 | | 95 | 4750 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | | 73813 | | 79113 | | 22714 | |

Variance = +7%

Scenario 5: Large housing development requiring new mains and communication pipes (excavation and reinstatement by others)

2023/24 cost

| Scenario 5: Large housing development requiring new mains and communication pipes (excavation and reinstatement by others) - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 200 | 57 | 11400 | 57 | 11400 | | 40 | 8000 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 118 | 118 | 118 | 118 | | 118 | 118 | |
| Y | Administration fee | per application | 1 | 513 | 513 | 513 | 513 | | 382 | 382 | |
| Y | Design fee | per application | 1 | 363 | 363 | 363 | 363 | Y | 227 | 227 | |
| Y | Design fee | per 20 connections or part thereof | 10 | 78 | 780 | 78 | 780 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 200 | 299 | 59800 | 331 | 66200 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 200 | | | | | Y | 39 | 7800 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 4149 | 4149 | |
| Y | Pipework - construct 180 mm diameter water main - road | per metre | 20 | 248 | 4960 | 265 | 5300 | Y | | | |
| Y | Pipework - construct 180 mm diameter water main | per metre | 100 | 80 | 8000 | 95 | 9500 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 480 | 51 | 24480 | 61 | 29280 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 400 | 48 | 19200 | 58 | 23200 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 1231 | 1231 | 1231 | 1231 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 183 | 183 | 183 | 183 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 89 | 712 | 89 | 712 | Y | | | |
| Y | Trial hole | per excavation | 2 | 399 | 798 | 399 | 798 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 200 | 34 | 6800 | 34 | 6800 | Y | 34 | 6800 | |
| Y | Pre-occupancy charge | per property | 200 | 58 | 11600 | 58 | 11600 | | 58 | 11600 | |
| Y | Wastewater connection application fee | per application | 1 | 121 | 121 | 121 | 121 | | 121 | 121 | |
| Y | Wastewater connection administration fee | per application | 1 | 231 | 231 | 231 | 231 | | 231 | 231 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 200 | 165 | 33000 | 165 | 33000 | | 165 | 33000 | |
| Y | Infrastructure Charge - Sewerage | per property | 200 | 75 | 15000 | 75 | 15000 | | 75 | 15000 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | 199290 | | 216330 | | | 87495 | |

2022/23 cost

| Scenario 5: Large housing development requiring new mains and communication pipes (excavation and reinstatement by others) - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 200 | 52 | 10400 | 52 | 10400 | | 37 | 7400 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 108 | 108 | 108 | 108 | | 108 | 108 | |
| Y | Administration fee | per application | 1 | 469 | 469 | 469 | 469 | | 349 | 349 | |
| Y | Design fee | per application | 1 | 332 | 332 | 332 | 332 | Y | 208 | 208 | |
| Y | Design fee | per 20 connections or part thereof | 10 | 72 | 720 | 72 | 720 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 200 | 259 | 51800 | 322 | 64400 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 200 | | | | | Y | 49 | 9800 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 3792 | 3792 | |
| Y | Pipework - construct 180 mm diameter water main - road | per metre | 20 | 227 | 4540 | 242 | 4840 | Y | | | |
| Y | Pipework - construct 180 mm diameter water main | per metre | 100 | 73 | 7300 | 87 | 8700 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 480 | 47 | 22560 | 56 | 26880 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 400 | 44 | 17600 | 53 | 21200 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 1497 | 1497 | 1497 | 1497 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 168 | 168 | 168 | 168 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 82 | 656 | 82 | 656 | Y | | | |
| Y | Trial hole | per excavation | 2 | 365 | 730 | 365 | 730 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 200 | 31 | 6200 | 31 | 6200 | Y | 31 | 6200 | |
| Y | Pre-occupancy charge | per property | 200 | 35 | 7000 | 35 | 7000 | | 35 | 7000 | |
| Y | Wastewater connection application fee | per application | 1 | 111 | 111 | 111 | 111 | | 111 | 111 | |
| Y | Wastewater connection administration fee | per application | 1 | 211 | 211 | 211 | 211 | | 211 | 211 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 200 | 130 | 26000 | 130 | 26000 | | 130 | 26000 | |
| Y | Infrastructure Charge - Sewerage | per property | 200 | 95 | 19000 | 95 | 19000 | | 95 | 19000 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | 177402 | | 199622 | | | 80240 | |

Variance = +12%

Scenario 6: Large housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company)

2023/24 cost

| Scenario 6: Large housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|--------------------------|---------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate | Barrier Pipe Total Charge | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Y | Administration fee | per connection | 200 | 57 | 11400 | 57 | 11400 | | 40 | 8000 | |
| N | Design fee | per application | | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 118 | 118 | 118 | 118 | | 118 | 118 | |
| Y | Administration fee | per application | 1 | 513 | 513 | 513 | 513 | | 382 | 382 | |
| Y | Design fee | per application | 1 | 363 | 363 | 363 | 363 | Y | 227 | 227 | |
| Y | Design fee | per 20 connections or part thereof | 10 | 78 | 780 | 78 | 780 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 200 | 499 | 99800 | 553 | 110600 | Y | | | |
| N | Pipework | per metre | | N/A | N/A | N/A | N/A | N/A | Y | | |
| N | Traffic management | Per TM usage | | N/A | N/A | N/A | N/A | N/A | Y | | |
| Y | Meters | Per connection | 200 | | | | | Y | 39 | 7800 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 4149 | 4149 | |
| Y | Pipework - construct 180 mm diameter water main - road | per metre | 20 | 248 | 4960 | 265 | 5300 | Y | | | |
| Y | Pipework - construct 180 mm diameter water main - footpath | per metre | 100 | 248 | 24800 | 265 | 26500 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 480 | 79 | 37920 | 89 | 42720 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 400 | 75 | 30000 | 85 | 34000 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 1231 | 1231 | 1231 | 1231 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 163 | 163 | 163 | 163 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 89 | 712 | 89 | 712 | Y | | | |
| Y | Trial hole | per excavation | 2 | 399 | 798 | 399 | 798 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 200 | 34 | 6800 | 34 | 6800 | Y | 34 | 6800 | |
| Y | Pre-occupancy charge | per property | 200 | 58 | 11600 | 58 | 11600 | | 58 | 11600 | |
| Y | Wastewater connection application fee | per application | 1 | 121 | 121 | 121 | 121 | | 121 | 121 | |
| Y | Wastewater connection administration fee | per application | 1 | 231 | 231 | 231 | 231 | | 231 | 231 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 200 | 165 | 33000 | 165 | 33000 | | 165 | 33000 | |
| Y | Infrastructure Charge - Sewerage | per property | 200 | 75 | 15000 | 75 | 15000 | | 75 | 15000 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | | 280330 | | 301370 | | 87495 | |

2022/23 cost

| Scenario 6: Large housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) - Northumbrian Water | | | | | | | | | | Alternative Delivery Method | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Y | Administration fee | per connection | 200 | 52 | 10400 | 52 | 10400 | | 37 | 7400 | |
| N | Design fee | per application | | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 108 | 108 | 108 | 108 | | 108 | 108 | |
| Y | Administration fee | per application | 1 | 469 | 469 | 469 | 469 | | 349 | 349 | |
| Y | Design fee | per application | 1 | 332 | 332 | 332 | 332 | Y | 208 | 208 | |
| Y | Design fee | per 20 connections or part thereof | 10 | 72 | 720 | 72 | 720 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 200 | 495 | 99000 | 547 | 109400 | Y | | | |
| N | Pipework | per metre | | N/A | N/A | N/A | N/A | N/A | Y | | |
| N | Traffic management | Per TM usage | | N/A | N/A | N/A | N/A | N/A | Y | | |
| Y | Meters | Per connection | 200 | | | | | Y | 49 | 9800 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 3792 | 3792 | |
| Y | Pipework - construct 180 mm diameter water main - road | per metre | 20 | 227 | 4540 | 242 | 4840 | Y | | | |
| Y | Pipework - construct 180 mm diameter water main - footpath | per metre | 100 | 227 | 22700 | 242 | 24200 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 480 | 72 | 34560 | 81 | 38880 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 400 | 69 | 27600 | 78 | 31200 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 1497 | 1497 | 1497 | 1497 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 168 | 168 | 168 | 168 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 82 | 656 | 82 | 656 | Y | | | |
| Y | Trial hole | per excavation | 2 | 365 | 730 | 365 | 730 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 200 | 31 | 6200 | 31 | 6200 | Y | 31 | 6200 | |
| Y | Pre-occupancy charge | per property | 200 | 35 | 7000 | 35 | 7000 | | 35 | 7000 | |
| Y | Wastewater connection application fee | per application | 1 | 111 | 111 | 111 | 111 | | 111 | 111 | |
| Y | Wastewater connection administration fee | per application | 1 | 211 | 211 | 211 | 211 | | 211 | 211 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 200 | 130 | 26000 | 130 | 26000 | | 130 | 26000 | |
| Y | Infrastructure Charge - Sewerage | per property | 200 | 95 | 19000 | 95 | 19000 | | 95 | 19000 | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| Y | Income Offset - Sewerage | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| TOTALS | | | | | | 262002 | | 282122 | | 80240 | |

Variance = +7%

Appendix 2

Impact assessment of charges for 2023/24 in the ESW area

Scenario 1: Single connection to a house from an existing main

2023/24 cost

| Scenario 1: Single connection to a house from an existing main - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|----------------------------------------------------------------------------------------|----------------------------------|-----------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 133 | 133 | 133 | 133 | | 53 | 53 | |
| Y | Administration fee | per application | 1 | 213 | 213 | 213 | 213 | | 40 | 40 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Construction Charges | | | | | | | | | | | |
| Y | Connection | per connection | 1 | 1434 | 1434 | 1589 | 1589 | Y | | | |
| N | Pipework - Road surface | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 1 | | | | | Y | 39 | 39 | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 1 | 77 | 77 | 77 | 77 | Y | 34 | 34 | |
| Y | Pre-occupancy charge | per property | 1 | 24 | 24 | 24 | 24 | | 24 | 24 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 1 | 200 | 200 | 200 | 200 | | 200 | 200 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | | 2081 | | 2236 | | 457 | |

2022/23 cost

| Scenario 1: Single connection to a house from an existing main - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|----------------------------------------------------------------------------------------|----------------------------------|-----------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 122 | 122 | 122 | 122 | | 48 | 48 | |
| Y | Administration fee | per application | 1 | 195 | 195 | 195 | 195 | | 37 | 37 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Construction Charges | | | | | | | | | | | |
| Y | Connection | per connection | 1 | 1311 | 1311 | 1369 | 1369 | Y | | | |
| N | Pipework - Road surface | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 1 | | | | | Y | 49 | 49 | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 1 | 70 | 70 | 70 | 70 | Y | 31 | 31 | |
| Y | Pre-occupancy charge | per property | 1 | 23 | 23 | 23 | 23 | | 23 | 23 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 1 | 140 | 140 | 140 | 140 | | 140 | 140 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 1 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | | 1861 | | 1919 | | 389 | |

Variance = +12%

Scenario 2: Single connection to block of flats from an existing main

2023/24 cost

| Scenario 2: Single connection to block of flats from an existing main - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 133 | 133 | 133 | 133 | | 53 | 53 | |
| Y | Administration fee | per application | 1 | 213 | 213 | 213 | 213 | | 40 | 40 | |
| Y | Administration fee - service connection made at same time as another | per connection | 9 | 45 | 405 | 45 | 405 | | 40 | 360 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Construction Charges | | | | | | | | | | | |
| Y | Connection | per connection | 1 | 2504 | 2504 | 2774 | 2774 | Y | | | |
| Y | Branch service connection or manifold connection | per connection | 10 | 248 | 2480 | 316 | 3160 | Y | | | |
| Y | Chlorination/pressure test | per connection | 1 | 291 | 291 | 291 | 291 | Y | | | |
| N | Pipework - Road surface | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 10 | | | | | Y | 39 | 390 | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee (>32mm dia., domestic fittings) | per connection | 1 | 467 | 467 | 467 | 467 | Y | 34 | 34 | |
| Y | Pre-occupancy charge | per property | 10 | 24 | 240 | 24 | 240 | | 24 | 240 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 58 | 58 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 10 | 200 | 2000 | 200 | 2000 | | 200 | 2000 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 10 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | 8733 | | 9683 | | | 3175 | |

2022/23 cost

| Scenario 2: Single connection to block of flats from an existing main - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 122 | 122 | 122 | 122 | | 48 | 48 | |
| Y | Administration fee | per application | 1 | 195 | 195 | 195 | 195 | | 37 | 37 | |
| Y | Administration fee - service connection made at same time as another | per connection | 9 | 41 | 369 | 41 | 369 | | 37 | 333 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Construction Charges | | | | | | | | | | | |
| Y | Connection | per connection | 1 | 2289 | 2289 | 2464 | 2464 | Y | | | |
| Y | Branch service connection or manifold connection | per connection | 10 | 227 | 2270 | 227 | 2270 | Y | | | |
| Y | Chlorination/pressure test | per connection | 1 | 266 | 266 | 266 | 266 | Y | | | |
| N | Pipework - Road surface | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 10 | | | | | Y | 49 | 490 | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee (>32mm dia., domestic fittings) | per connection | 1 | 427 | 427 | 427 | 427 | Y | 31 | 31 | |
| Y | Pre-occupancy charge | per property | 10 | 23 | 230 | 23 | 230 | | 23 | 230 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 58 | 58 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 10 | 140 | 1400 | 140 | 1400 | | 140 | 1400 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 10 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | 7568 | | 7743 | | | 2627 | |

Variance = +15%

Scenario 3: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by others)

2023/24 cost

| Scenario 3: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by others) - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 50 | 57 | 2850 | 57 | 2850 | | 40 | 2000 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 118 | 118 | 118 | 118 | | 118 | 118 | |
| Y | Administration fee | per application | 1 | 513 | 513 | 513 | 513 | | 382 | 382 | |
| Y | Design fee | per application | 1 | 363 | 363 | 363 | 363 | Y | 227 | 227 | |
| Y | Design fee | per 20 connections or part thereof | 3 | 76 | 234 | 76 | 234 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 50 | 304 | 15200 | 337 | 16850 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 50 | | | | | Y | 39 | 1950 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 3681 | 3681 | |
| Y | Pipework - construct 125 mm diameter water main - road | per metre | 10 | 281 | 2810 | 292 | 2920 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 190 | 66 | 12540 | 77 | 14630 | Y | | | |
| Y | Pipework - construct 30 mm diameter water main | per metre | 100 | 61 | 6100 | 72 | 7200 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 2194 | 2194 | 2194 | 2194 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 183 | 183 | 183 | 183 | | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 113 | 904 | 113 | 904 | Y | | | |
| Y | Trial hole | per excavation | 1 | 339 | 339 | 339 | 339 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 50 | 34 | 1700 | 34 | 1700 | Y | 34 | 1700 | |
| Y | Pre-occupancy charge | per property | 50 | 24 | 1200 | 24 | 1200 | | 24 | 1200 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 50 | 200 | 10000 | 200 | 10000 | | 200 | 10000 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | 57308 | | 62258 | | | 21325 | |

2022/23 cost

| Scenario 3: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by others) - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 50 | 52 | 2600 | 52 | 2600 | | 37 | 1850 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 108 | 108 | 108 | 108 | | 108 | 108 | |
| Y | Administration fee | per application | 1 | 469 | 469 | 469 | 469 | | 349 | 349 | |
| Y | Design fee | per application | 1 | 332 | 332 | 332 | 332 | Y | 208 | 208 | |
| Y | Design fee | per 20 connections or part thereof | 3 | 72 | 216 | 72 | 216 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 50 | 278 | 13900 | 339 | 16950 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 50 | | | | | Y | 49 | 2450 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 3365 | 3365 | |
| Y | Pipework - construct 125 mm diameter water main - road | per metre | 10 | 257 | 2570 | 267 | 2670 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 190 | 60 | 11400 | 70 | 13300 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 100 | 56 | 5600 | 66 | 6600 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 2096 | 2096 | 2096 | 2096 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 168 | 168 | 168 | 168 | | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 104 | 832 | 104 | 832 | Y | | | |
| Y | Trial hole | per excavation | 1 | 365 | 365 | 365 | 365 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 50 | 31 | 1550 | 31 | 1550 | Y | 31 | 1550 | |
| Y | Pre-occupancy charge | per property | 50 | 23 | 1150 | 23 | 1150 | | 23 | 1150 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 50 | 140 | 7000 | 140 | 7000 | | 140 | 7000 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | 50356 | | 56406 | | | 18091 | |

Variance = +14%

Scenario 4: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company)

2023/24 cost

| Scenario 4: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 50 | 57 | 2850 | 57 | 2850 | | 40 | 2000 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 118 | 118 | 118 | 118 | | 118 | 118 | |
| Y | Administration fee | per application | 1 | 513 | 513 | 513 | 513 | | 382 | 382 | |
| Y | Design fee | per application | 1 | 363 | 363 | 363 | 363 | Y | 227 | 227 | |
| Y | Design fee | per 20 connections or part thereof | 3 | 78 | 234 | 78 | 234 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 50 | 574 | 28700 | 636 | 31800 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 50 | | | | | Y | 39 | 1950 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 3681 | 3681 | |
| Y | Pipework - construct 125 mm diameter water main - road | per metre | 10 | 281 | 2810 | 232 | 2320 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main - footpath | per metre | 50 | 281 | 14050 | 232 | 14600 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main - unmade ground | per metre | 140 | 106 | 14840 | 117 | 16380 | Y | | | |
| Y | Pipework - construct 30 mm diameter water main - unmade ground | per metre | 100 | 102 | 10200 | 113 | 11300 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 2194 | 2194 | 2194 | 2194 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 183 | 183 | 183 | 183 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 113 | 904 | 113 | 904 | Y | | | |
| Y | Trial hole | per excavation | 1 | 339 | 339 | 339 | 339 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 50 | 34 | 1700 | 34 | 1700 | Y | 34 | 1700 | |
| Y | Pre-occupancy charge | per property | 50 | 24 | 1200 | 24 | 1200 | | 24 | 1200 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 50 | 200 | 10000 | 200 | 10000 | | 200 | 10000 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | | 91258 | | 97658 | | 21325 | |

2022/23 cost

| Scenario 4: Medium housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 50 | 52 | 2600 | 52 | 2600 | | 37 | 1850 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 108 | 108 | 108 | 108 | | 108 | 108 | |
| Y | Administration fee | per application | 1 | 469 | 469 | 469 | 469 | | 349 | 349 | |
| Y | Design fee | per application | 1 | 332 | 332 | 332 | 332 | Y | 208 | 208 | |
| Y | Design fee | per 20 connections or part thereof | 3 | 72 | 216 | 72 | 216 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 50 | 525 | 26250 | 574 | 28700 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 50 | | | | | Y | 49 | 2450 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 3365 | 3365 | |
| Y | Pipework - construct 125 mm diameter water main - road | per metre | 10 | 257 | 2570 | 267 | 2670 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main - footpath | per metre | 50 | 257 | 12850 | 267 | 13350 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main - unmade ground | per metre | 140 | 97 | 13580 | 107 | 14980 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main - unmade ground | per metre | 100 | 93 | 9300 | 103 | 10300 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 2096 | 2096 | 2096 | 2096 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 168 | 168 | 168 | 168 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 104 | 832 | 104 | 832 | Y | | | |
| Y | Trial hole | per excavation | 1 | 365 | 365 | 365 | 365 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 50 | 31 | 1550 | 31 | 1550 | Y | 31 | 1550 | |
| Y | Pre-occupancy charge | per property | 50 | 23 | 1150 | 23 | 1150 | | 23 | 1150 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 50 | 140 | 7000 | 140 | 7000 | | 140 | 7000 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 50 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | | 81436 | | 86886 | | 18091 | |

Variance = +12%

Scenario 5: Large housing development requiring new mains and communication pipes (excavation and reinstatement by others)

2023/24 cost:

| Scenario 5: Large housing development requiring new mains and communication pipes (excavation and reinstatement by others) - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 200 | 57 | 11400 | 57 | 11400 | | 40 | 8000 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 118 | 118 | 118 | 118 | | 118 | 118 | |
| Y | Administration fee | per application | 1 | 513 | 513 | 513 | 513 | | 382 | 382 | |
| Y | Design fee | per application | 1 | 363 | 363 | 363 | 363 | Y | 227 | 227 | |
| Y | Design fee | per 20 connections or part thereof | 10 | 78 | 780 | 78 | 780 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 200 | 304 | 60800 | 337 | 67400 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 200 | | | | | Y | 39 | 7800 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 5011 | 5011 | |
| Y | Pipework - construct 180 mm diameter water main - road | per metre | 20 | 348 | 6960 | 365 | 7300 | Y | | | |
| Y | Pipework - construct 180 mm diameter water main | per metre | 100 | 98 | 9800 | 116 | 11600 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 480 | 66 | 31680 | 77 | 36960 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 400 | 61 | 24400 | 72 | 28800 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 2194 | 2194 | 2194 | 2194 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 183 | 183 | 183 | 183 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 113 | 904 | 113 | 904 | Y | | | |
| Y | Trial hole | per excavation | 2 | 399 | 798 | 399 | 798 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 200 | 34 | 6800 | 34 | 6800 | Y | 34 | 6800 | |
| Y | Pre-occupancy charge | per property | 200 | 24 | 4800 | 24 | 4800 | | 24 | 4800 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 200 | 200 | 40000 | 200 | 40000 | | 200 | 40000 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | 202493 | | 220913 | | | 73205 | |

2022/23 cost

| Scenario 5: Large housing development requiring new mains and communication pipes (excavation and reinstatement by others) - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 200 | 52 | 10400 | 52 | 10400 | | 37 | 7400 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 108 | 108 | 108 | 108 | | 108 | 108 | |
| Y | Administration fee | per application | 1 | 469 | 469 | 469 | 469 | | 349 | 349 | |
| Y | Design fee | per application | 1 | 332 | 332 | 332 | 332 | Y | 208 | 208 | |
| Y | Design fee | per 20 connections or part thereof | 10 | 72 | 720 | 72 | 720 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 200 | 278 | 55600 | 339 | 67800 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 200 | | | | | Y | 49 | 9800 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 4580 | 4580 | |
| Y | Pipework - construct 180 mm diameter water main - road | per metre | 20 | 318 | 6360 | 334 | 6680 | Y | | | |
| Y | Pipework - construct 180 mm diameter water main | per metre | 100 | 90 | 9000 | 106 | 10600 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 480 | 60 | 28800 | 70 | 33600 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 400 | 56 | 22400 | 66 | 26400 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 2096 | 2096 | 2096 | 2096 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 168 | 168 | 168 | 168 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 104 | 832 | 104 | 832 | Y | | | |
| Y | Trial hole | per excavation | 2 | 365 | 730 | 365 | 730 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 200 | 31 | 6200 | 31 | 6200 | Y | 31 | 6200 | |
| Y | Pre-occupancy charge | per property | 200 | 23 | 4600 | 23 | 4600 | | 23 | 4600 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 200 | 140 | 28000 | 140 | 28000 | | 140 | 28000 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | 176815 | | 199735 | | | 61306 | |

Variance = +15%

Scenario 6: Large housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company)

2023/24 cost

| Scenario 6: Large housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|--------------------------|---------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate | Barrier Pipe Total Charge | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 200 | 57 | 11400 | 57 | 11400 | | 40 | 8000 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 118 | 118 | 118 | 118 | | 118 | 118 | |
| Y | Administration fee | per application | 1 | 513 | 513 | 513 | 513 | | 382 | 382 | |
| Y | Design fee | per application | 1 | 363 | 363 | 363 | 363 | Y | 227 | 227 | |
| Y | Design fee | per 20 connections or part thereof | 10 | 78 | 780 | 78 | 780 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 200 | 574 | 114800 | 636 | 127200 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 200 | | | | | Y | 33 | 7800 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 5011 | 5011 | |
| Y | Pipework - construct 180 mm diameter water main - road | per metre | 20 | 348 | 6960 | 365 | 7300 | Y | | | |
| Y | Pipework - construct 180 mm diameter water main - footpath | per metre | 100 | 348 | 34800 | 365 | 36500 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 480 | 106 | 50880 | 117 | 56160 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 400 | 102 | 40800 | 113 | 45200 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 2134 | 2134 | 2134 | 2134 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 183 | 183 | 183 | 183 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 113 | 904 | 113 | 904 | Y | | | |
| Y | Trial hole | per excavation | 2 | 339 | 738 | 339 | 738 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 200 | 34 | 6800 | 34 | 6800 | Y | 34 | 6800 | |
| Y | Pre-occupancy charge | per property | 200 | 24 | 4800 | 24 | 4800 | | 24 | 4800 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 67 | 67 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 200 | 200 | 40000 | 200 | 40000 | | 200 | 40000 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | 317093 | | 341213 | | | 73205 | |

2022/23 cost

| Scenario 6: Large housing development requiring new mains and communication pipes (excavation and reinstatement by Water Company) - Essex & Suffolk Water | | | | | | | | | | Alternative Delivery Method | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-----|----------|------------------|------------------------------|-------------------------------|-------------------|-------------------|-----------------------------|--|
| Applicable Charge? | Item | Unit | Qty | Rate (£) | Total Charge (£) | Barrier Pipe Uplift/Rate (£) | Barrier Pipe Total Charge (£) | Contestable (Y/N) | Self-Lay Rate (£) | Self-Lay Total Charge (£) | |
| Pre-Construction Charges - connection | | | | | | | | | | | |
| N | Application fee | per application | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Y | Administration fee | per connection | 200 | 52 | 10400 | 52 | 10400 | | 37 | 7400 | |
| N | Design fee | per application | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Pre-Construction Charges - mains | | | | | | | | | | | |
| Y | Application fee | per application | 1 | 108 | 108 | 108 | 108 | | 108 | 108 | |
| Y | Administration fee | per application | 1 | 469 | 469 | 469 | 469 | | 349 | 349 | |
| Y | Design fee | per application | 1 | 332 | 332 | 332 | 332 | Y | 208 | 208 | |
| Y | Design fee | per 20 connections or part thereof | 10 | 72 | 720 | 72 | 720 | Y | | | |
| Construction Charges - connection | | | | | | | | | | | |
| Y | Connection | per connection | 200 | 525 | 105000 | 574 | 114800 | Y | | | |
| N | Pipework | per metre | N/A | N/A | N/A | N/A | N/A | Y | | | |
| N | Traffic management | Per TM usage | N/A | N/A | N/A | N/A | N/A | Y | | | |
| Y | Meters | Per connection | 200 | | | | | Y | 49 | 9800 | |
| Construction Charges - mains | | | | | | | | | | | |
| Y | Connection | per connection | 1 | | | | | N | 4580 | 4580 | |
| Y | Pipework - construct 180 mm diameter water main - road | per metre | 20 | 318 | 6360 | 334 | 6680 | Y | | | |
| Y | Pipework - construct 180 mm diameter water main - footpath | per metre | 100 | 318 | 31800 | 334 | 33400 | Y | | | |
| Y | Pipework - construct 125 mm diameter water main | per metre | 480 | 97 | 46560 | 107 | 51360 | Y | | | |
| Y | Pipework - construct 90 mm diameter water main | per metre | 400 | 93 | 37200 | 103 | 41200 | Y | | | |
| Y | Traffic management - highway authority closure fee | Per closure | 1 | 2096 | 2096 | 2096 | 2096 | Y | | | |
| Y | Traffic management - set up, hire and removal of equipment | Per closure | 1 | 168 | 168 | 168 | 168 | Y | | | |
| Y | Traffic management - parking bay suspensions | Per suspension | 8 | 104 | 832 | 104 | 832 | Y | | | |
| Y | Trial hole | per excavation | 2 | 365 | 730 | 365 | 730 | Y | | | |
| Other Charges | | | | | | | | | | | |
| Y | Water Regulations compliance fee | per connection | 200 | 31 | 6200 | 31 | 6200 | Y | 31 | 6200 | |
| Y | Pre-occupancy charge | per property | 200 | 23 | 4600 | 23 | 4600 | | 23 | 4600 | |
| Y | Self-lay legal fee | per application | 1 | | | | | | 61 | 61 | |
| Infrastructure Charges | | | | | | | | | | | |
| Y | Infrastructure Charge - Water | per property | 200 | 140 | 28000 | 140 | 28000 | | 140 | 28000 | |
| N | Infrastructure Charge - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| Income Offset | | | | | | | | | | | |
| Y | Income Offset - Water | per property | 200 | 0 | 0 | 0 | 0 | | 0 | 0 | |
| N | Income Offset - Sewerage | per property | N/A | N/A | N/A | N/A | N/A | | N/A | N/A | |
| TOTALS | | | | | 281575 | | 302095 | | | 61305 | |

Variance = +13%