



Environment  
Agency



## **Draft of the Environment Agency (Environmental Permitting and Abstraction Licensing) (England) Charging Scheme 2022**

**Clarifications and Corrections  
(15 September 2021)**

We are the Environment Agency. We protect and improve the environment.

We help people and wildlife adapt to climate change and reduce its impacts, including flooding, drought, sea level rise and coastal erosion.

We improve the quality of our water, land and air by tackling pollution. We work with businesses to help them comply with environmental regulations. A healthy and diverse environment enhances people's lives and contributes to economic growth.

We can't do this alone. We work as part of the Defra group (Department for Environment, Food & Rural Affairs), with the rest of government, local councils, businesses, civil society groups and local communities to create a better place for people and wildlife.

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## Introduction

The Environment Agency is consulting on a range of proposed charges to take effect in 2022. The Environment Agency has identified some areas where the proposals need to be clarified or where there are errors in Chapter 4, Part 2 of the Schedule included in the “Draft Environment Agency (Environmental Permitting and Abstraction Licensing) (England) Charging Scheme 2022”. This document identifies those areas and sets out the correct text, to assist consultees in understanding the proposals.

## Amendments

The following amendments have been made to Chapter 4, Part 2 of the Schedule:

- An additional supported source (Candover) has been added to Table 3.
- Additional supported source charges (Candover) have been added to Table 2.
- The two footnotes in Table 2, relating to Kielder were incorrect and have been removed. Footnote 3 incorrectly stated a charge only applied to Northumbrian Water Ltd.
- The two rows of charges in Table 2 relating to Kielder have been merged together.
- References to “N/A” have been replaced with charges in Table 2. Although we do not believe higher volumes of water would be available for abstraction from these sources at the current time, the situation could change if current licences were revoked or varied or water availability changed.

Deletions are highlighted with strikethrough text.

Changes are highlighted with an asterisk - \*.

**THE ENVIRONMENT AGENCY (ENVIRONMENTAL PERMITTING AND ABSTRACTION LICENSING) (ENGLAND) CHARGING SCHEME 2022**

**Chapter 4: Additional Charges**

**Table 2: Supported Source Additional Charges**

Volume stated on abstraction licence related to loss category (Ml/year)

| High loss                         | Up to 15    | 15 - 50        | 50 - 85         | 85 - 120        | 120 - 220       | 220 - 400        | 400 - 750         |
|-----------------------------------|-------------|----------------|-----------------|-----------------|-----------------|------------------|-------------------|
| Medium loss                       | Up to 25    | 25 - 83        | 83 - 142        | 142 - 200       | 200 - 367       | 367 - 667        | 667 - 1,250       |
| Low loss                          | Up to 5,000 | 5,000 - 16,667 | 16,667 - 28,333 | 28,334 - 40,000 | 40,000 - 73,333 | 73,334 - 133,333 | 133,334 - 250,000 |
| *Candover                         | *£35        | *£184          | *£418           | *£641           | *£1,038         | *£1,890          | *£3,572           |
| Dee                               | £74         | £391           | £886            | £1,359          | £2,201          | £4,007           | £7,573            |
| Earl Soham - Deben                | £105        | £552           | £1,251          | £1,920          | £3,109          | £5,659           | £10,696           |
| Glen Groundwater <sup>1</sup>     | £54         | £285           | £645            | £990            | £1,604          | £2,919           | £5,517            |
| Great East Anglian Groundwater    | £172        | £908           | £2,058          | £3,157          | £5,114          | £9,309           | £17,594           |
| Great East Anglian Surface Water  | £157        | £829           | £1,880          | £2,882          | £4,671          | £8,505           | £16,075           |
| Kielder <sup>2</sup>              | £64         | £337           | £765            | £1,173          | £1,900          | £3,458           | £6,536            |
| Kielder – Annual sum <sup>3</sup> | £1,511      | £7,964         | £18,051         | £27,693         | £44,854         | £81,647          | £154,314          |
| *Kielder                          | *£1,575     | *£8,301        | *£18,816        | *£28,866        | *£46,754        | *£85,105         | *£160,850         |
| Lodes Granta Groundwater          | £112        | £590           | £1,338          | £2,053          | £3,325          | £6,052           | £11,438           |
| Lower Yorkshire Derwent           | £23         | £119           | £271            | £415            | £673            | £1,224           | £2,314            |
| Medway - Allington                | £9          | £49            | £111            | £171            | £276            | £503             | £950              |
| Nene – Northampton                | £253,479    | *£266,153      | *£279,460       | *£293,433       | *£308,105       | *£323,510        | *£339,686         |
| Nene – Water Newton               | £1,192      | £6,282         | £14,239         | £21,844         | £35,381         | £64,403          | *£77,284          |
| Ouse – Eaton Socon                | £186        | £983           | £2,227          | £3,417          | £5,534          | £10,074          | £19,039           |
| Ouse – Hermitage                  | £550        | £2,897         | £6,567          | £10,075         | £16,318         | £29,703          | *£35,644          |
| Ouse - Offord                     | £531        | £2,799         | £6,345          | £9,733          | £15,765         | £28,697          | *£34,436          |
| Rhee Groundwater                  | £237        | £1,248         | £2,829          | £4,340          | £7,030          | £12,796          | £24,184           |
| Severn                            | £163        | £857           | £1,943          | £2,980          | £4,827          | £8,786           | £16,606           |

|                                    |             |                |                 |                 |                 |                  |                   |
|------------------------------------|-------------|----------------|-----------------|-----------------|-----------------|------------------|-------------------|
| High loss                          | Up to 15    | 15 - 50        | 50 - 85         | 85 - 120        | 120 - 220       | 220 - 400        | 400 - 750         |
| Medium loss                        | Up to 25    | 25 - 83        | 83 - 142        | 142 - 200       | 200 - 367       | 367 - 667        | 667 - 1,250       |
| Low loss                           | Up to 5,000 | 5,000 - 16,667 | 16,667 - 28,333 | 28,334 - 40,000 | 40,000 - 73,333 | 73,334 - 133,333 | 133,334 - 250,000 |
| Thames                             | £43         | £229           | £518            | £795            | £1,288          | £2,345           | £4,430            |
| Thet and Little Ouse Surface Water | £707        | £3,726         | £8,445          | £12,956         | £20,852         | *£25,022         | *£30,027          |
| Waveney Groundwater                | £74         | £388           | £880            | £1,349          | £2,186          | £3,978           | £7,519            |
| Waveney Surface Water              | £73         | £387           | £876            | £1,345          | £2,178          | £3,964           | £7,492            |
| Welland – Tinwell Sluices          | £534        | £2,815         | £6,381          | £9,789          | £15,855         | £28,861          | *£34,633          |
| Witham and Ancholme                | £543        | £2,859         | £6,481          | £9,948          | £16,103         | £29,329          | £55,421           |
| Wye                                | £0          | £0             | £0              | £0              | £0              | £0               | £0                |

<sup>1</sup>This charge only applies to the agreement made with Anglian Water Services Limited, under section 20 of the Act with dated 12<sup>th</sup> May 1995.

<sup>2</sup>~~This charge also applies to Northumbrian Water Ltd~~

<sup>3</sup>~~This charge only applies to Northumbrian Water Ltd~~

~~N/A: We do not believe this volume of water would be available for abstraction from this source.~~

| High loss                          | 750 - 1400        | 1,400 - 2200      | 2,200 - 6500        | 6,500 - 9000          | 9,000 - 21500         | 21,500 - 100000        | >100,000     |
|------------------------------------|-------------------|-------------------|---------------------|-----------------------|-----------------------|------------------------|--------------|
| Medium loss                        | 1,250 - 2,333     | 2,333 - 3,667     | 3,667 - 10,833      | 10,833 - 15,000       | 15,000 - 35,833       | 35,833 - 166,667       | >166,667     |
| Low loss                           | 250,000 - 466,667 | 466,667 - 733,333 | 733,334 - 2,166,667 | 2,166,667 - 3,000,000 | 3,000,000 - 7,166,667 | 7,166,667 - 33,333,333 | >33,333,333  |
| *Candover                          | *£6,627           | *£11,366          | *£23,526            | *£50,171              | *£92,552              | *£236,238              | *£1,209,644  |
| Dee                                | £14,050           | £24,096           | £49,875             | £106,363              | £196,211              | £500,827               | £2,564,460   |
| Earl Soham - Deben                 | £19,845           | £34,035           | £70,447             | *£150,235             | *£277,143             | *£707,405              | *£1,622,233  |
| Glen Groundwater <sup>1</sup>      | £10,236           | £17,556           | £36,338             | £77,495               | £142,956              | *£364,896              | *£868,430    |
| Great East Anglian Groundwater     | £32,641           | £55,982           | £115,875            | *£231,750             | *£463,500             | *£927,000              | *£1,854,001  |
| Great East Anglian Surface Water   | £29,823           | £51,149           | £105,871            | £225,780              | £416,503              | £1,065,203             | *£1,278,244  |
| Kielder <sup>2</sup>               | £12,126           | £20,796           | £43,045             | £91,798               | £169,341              | £432,243               | £2,213,278   |
| Kielder - Annual sum <sup>3</sup>  | £286,294          | £491,015          | £1,016,327          | £2,167,413            | £3,998,281            | £10,205,596            | £52,257,247  |
| *Kielder                           | *£298,420         | *£511,811         | *£1,059,372         | *£2,259,211           | *£4,167,622           | *£10,637,839           | *£54,470,525 |
| Lodes Granta Groundwater           | £21,220           | £36,393           | £75,329             | *£150,720             | *£301,440             | *£602,881              | *£1,205,763  |
| Lower Yorkshire Derwent            | £4,293            | £7,363            | £15,241             | £32,502               | £59,958               | £152,123               | *£304,246    |
| Medway - Allington                 | £1,763            | £3,024            | £6,260              | £13,350               | £24,627               | £62,860                | *£125,720    |
| Nene - Northampton                 | *£356,670         | *£372,504         | *£393,229           | *£412,890             | *£433,535             | *£455,212              | *£477,972    |
| Nene - Water Newton                | *£92,740          | *£111,288         | *£133,546           | *£160,255             | *£192,306             | *£230,768              | *£276,921    |
| Ouse - Eaton Socon                 | £35,323           | £60,581           | £125,394            | *£150,473             | *£180,568             | *£216,681              | *£260,018    |
| Ouse - Hermitage                   | *£42,772          | *£51,327          | *£61,592            | *£73,911              | *£88,693              | *£106,431              | *£127,717    |
| Ouse - Offord                      | *£41,324          | *£49,588          | *£59,596            | *£71,407              | *£85,689              | *£102,827              | *£123,392    |
| Rhee Groundwater                   | £44,868           | £76,952           | *£159,280           | *£339,679             | *£626,615             | *£1,599,431            | *£3,189,808  |
| Severn                             | £30,809           | £52,839           | £109,369            | £233,240              | £430,265              | £1,098,248             | *£2,623,526  |
| Thames                             | £8,222            | £14,096           | £29,176             | £62,221               | £114,822              | £293,082               | £1,500,709   |
| Thet and Little Ouse Surface Water | *£36,032          | *£43,239          | *£51,886            | *£62,264              | *£74,716              | *£89,660               | *£107,592    |
| Waveney Groundwater                | £13,950           | £23,926           | *£47,852            | *£95,703              | *£191,407             | *£382,813              | *£765,626    |
| Waveney Surface Water              | £13,900           | £23,840           | £49,346             | *£98,691              | *£197,382             | *£394,764              | *£789,528    |

|                           |          |          |          |          |            |             |             |
|---------------------------|----------|----------|----------|----------|------------|-------------|-------------|
| Wellend – Tinwell Sluices | *£41,560 | *£49,872 | *£59,846 | *£71,815 | *£86,178   | *£103,414   | *£124,097   |
| Witham and Ancholme       | £102,812 | £176,345 | £365,007 | £778,411 | £1,436,250 | *£1,721,552 | *£2,065,862 |
| Wye                       | £0       | £0       | £0       | £0       | £0         | £0          | £0          |

<sup>1</sup>This charge only applies to the agreement made with Anglian Water Services Limited, under section 20 of the Act with dated 12<sup>th</sup> May 1995.

<sup>2</sup>~~This charge also applies to Northumbrian Water Ltd~~

<sup>3</sup>~~This charge only applies to Northumbrian Water Ltd~~

~~N/A: We do not believe this volume of water would be available for abstraction from this source.~~

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**Table 3: Supported Source Upstream and Downstream Extents**

| <b>Supported Source name</b>       | <b>Source of supply</b>  | <b>Upstream Extent</b>   | <b>Downstream Extent</b>   |
|------------------------------------|--|--|--|
| Kielder                            | River Tyne<br>River Wear<br>River Tees<br>Tyne Tees aqueduct   | NY 632 924<br>NZ 012 377<br>NY 814 290<br>NZ 026 617                             | NZ 121 646<br>NZ 294 524<br>NZ 463 191<br>NZ 005 215                             |
| Severn                             | River Severn<br>Gloucester and Sharpness Canal   | SN 954 847<br>SO 827 184   | SO 822 182 & SO 818 216<br>SO 667 022  |
| Thames                             | River Thames   | SU 222 990   | TQ 170 714   |
| Lodes Granta Groundwater           | Chalk aquifer within the boundary marked on the map.   | Extent is shown in Map 1   |  |
| Rhee Groundwater                   | Chalk aquifer within the boundary marked on the map.   | Extent is shown in Map 2   |  |
| Thet and Little Ouse Surface Water | River Thet<br>Thet tributary<br>Thet tributary<br>Thet tributary<br>River Little Ouse  | TL 992 912<br>TM 049 873<br>TL 975 880<br>TL 970 906<br>TL 987 807               | TL 869 830<br>TL 987 872<br>TL 983 880<br>TL 983 898<br>TL 732 870               |
| Great East Anglian Surface Water   | Cut Off Channel<br>River Stour (Essex/Suffolk)<br>River Pant and River Blackwater  | TF 591 009<br>TL 680 560<br>TL 644 353   | TL 731 739<br>TM 102 330<br>TL 839 084   |
| Great East Anglian Groundwater     | Corridors of the Chalk aquifer as defined by the accompanying maps [link]:<br>Stour Chalk Corridor<br>Pant and Blackwater Chalk Corridor<br>Brett Chalk Corridor<br>Thet Chalk Corridor<br>Thet tributary Chalk Corridor<br>Little Ouse Chalk Corridor | TL 679 559<br>TL 644 353<br>TL 930 521<br>TL 992 912<br>TM 049 873<br>TL 987 807 | TM 102 330<br>TL 839 084<br>TM 035 350<br>TL 869 830<br>TL 987 872<br>TL 732 870 |
| Waveney Surface Water              | River Dove and River Waveney   | TM 092 698   | TM 494 935   |



| <b>Supported Source name</b> | <b>Source of supply</b>  | <b>Upstream Extent</b>     | <b>Downstream Extent</b>   |
|------------------------------|--|----------------------------|----------------------------|
| Waveney Groundwater          | A Corridor of the Chalk aquifer 1km either side of the River Waveney:<br>Waveney Chalk Corridor                                | TM 092 698                 | TM 494 935                 |
| Earl Soham - Deben           | River Deben and a corridor through the Chalk aquifer 400m either side of the supporting surface water:<br>Deben Chalk Corridor | TM 232 627                 | TM 292 502                 |
| Witham and Ancholme          | River Witham<br>River Ancholme   | SK 974 712<br>TF 032 875   | TF 323 445<br>SE 975 211   |
| Wye                          | River Wye  | SN 966 656                 | SO 516 131                 |
| Dee                          | River Dee  | SH 929 351                 | SJ 408 658                 |
| Lower Yorkshire Derwent      | River Derwent reaches impounded by Barmby Barrage and Elvington Sluices  | SE 735 585                 | SE 681 286                 |
| Ouse - Eaton Socon           | River Ouse reach upstream of impounding assets at Eaton Socon  | TL 160 535                 | TL 175 586                 |
| Ouse - Hermitage             | River Ouse reach upstream of impounding assets at Hermitage  | TL 369 727                 | TL 394 747                 |
| Ouse - Offord                | River Ouse reach upstream of impounding assets at Offord   | TL 186 619                 | TL 216 669                 |
| Nene - Northampton           | River Nene reach upstream of impounding assets at Northampton  | SP 750 601                 | SP 758 599                 |
| Nene - Water Newton          | River Nene reach upstream of impounding assets at Water Newton   | TL 075 984                 | TL 110 974                 |
| Welland - Tinwell Sluices    | River Welland reach upstream of impounding assets at Tinwell   | TF 002 058                 | TF 018 060                 |
| Medway-Allington             | River Medway reaches upstream of impounding assets at Allington and Teston   | TQ 690 498                 | TQ 748 581                 |
| *Candover                    | *Candover Stream<br>*River Itchen  | *SU 567 367<br>*SU 572 323 | *SU 568 319<br>*SU 439 153 |