



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

The Water Company is authorised by the Huddersfield Water Act 1869 ("the Act") and the Huddersfield Water Act dated 1908 ("the Act") to abstract water and is required to operate in accordance with the provisions of the Licence as revised by the Agency's enforcement letter dated 16 June 2014 ("the Letter"). This drought permit suspends and/or modifies the provisions of the Licence (as revised by the Letter) to the extent set out in the Schedule of Conditions.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Paragraph 3 of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 1,330 cubic metres per day from Blackmoorfoot Reservoir to Brow Grains Dyke and the River Holme at National Grid Reference SE 085 106 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 880 cubic metres per day from Blackmoorfoot Reservoir to Brow Grains Dyke and the River Holme at National Grid Reference SE 085 106 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Chapter viii paragraph 3 of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix number 1 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Blackmoorfoot Reservoir to Brow Grains Dyke and the River Holme at National Grid Reference SE 085 106 to a rate of not less than 2,660 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to Brow Grains Dyke and the River Holme shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 085 106, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. JACK BRIDGE WESTCSO discharging at National Grid Reference SE 15154 17340
- BEN SHAWS CSO discharging at National Grid Reference SE 15207 17533
- KINGS MILL LANE NO 2 CSO discharging at National Grid Reference SE 15122 16255
- FARTOWN BRADFORD RD CSO discharging at National Grid Reference SE 15207 17533
- RED DOLES ROAD CSO discharging at National Grid Reference SE 1550 1775
- WILLOW LANE CSO discharging at National Grid Reference SE 15207 17533
- BOG GREEN LANE CSO discharging at National Grid Reference SE 17776 20220
- HUDDERSFIELD LEEDS RD CSO discharging at National Grid Reference SE 16760 18930
- BRADLEY MILLS 2 CSO discharging at National Grid Reference SE 15218 17545
- DEIGHTON STW – Storm Overflow discharging at National Grid Reference SE 17250 19480
- DEIGHTON STW – Storm Overflow discharging at National Grid Reference SE 16970 19080
- CARR PIT ROAD NO 2 CSO discharging at National Grid Reference SE 15147 16495
- IVY STREET CSO discharging at National Grid Reference SE 15382 16286
- COLNE ROAD CSO discharging at National Grid Reference SE 15037 16169
- THISTLE STREET CSO discharging at National Grid Reference SE 15207 17533
- SOMERSET ROAD CSO discharging at National Grid Reference SE 1512 1625
- LONGLEY PARK CSO discharging at National Grid Reference SE 15052

16179
 DAISY STREET CSO discharging at National Grid Reference SE 15147
 16495
 ANCHOR STREET CSO discharging at National Grid Reference SE 15163
 16663
 ASPLEY WAKEFIELD RD CSO discharging at National Grid Reference SE
 15122 16255
 GASWORKS STREET CSO discharging at National Grid Reference SE
 15208 17129
 WILLOW LANE BECK CSO discharging at National Grid Reference SE 15200
 17527
 ARMITAGE FOLD CSO discharging at National Grid Reference SE 13362
 13819
 STOCKWELL HILL CSO discharging at National Grid Reference SE 13573
 13662
 WATER STREET NO 2 CSO discharging at National Grid Reference SE
 13693 15139
 BEAUMONT PARK CSO discharging at National Grid Reference SE 12642
 14116
 QUEENS MILL ROAD CSO discharging at National Grid Reference SE 14131
 15635
 LOCKWOOD SCAR CSO discharging at National Grid Reference SE 13690
 15117
 QUEENS SQUARE CSO discharging at National Grid Reference SE 14130
 12692
 WOODHOUSE LANE CSO discharging at National Grid Reference SE 15883
 21823
 ELLAND LOWFIELDS SPS discharging at National Grid Reference SE 11260
 21800
 ELLAND WEST VALE SPS discharging at National Grid Reference SE 10007
 21124
 PARK ROAD CSO discharging at National Grid Reference SE 11244 21795
 ELLAND LANE CSO discharging at National Grid Reference SE 11094 21538
 BRAMSTON STREET CSO discharging at National Grid Reference SE 14488
 22546
 COOPER BRIDGE CSO discharging at National Grid Reference SE 17599
 20604
 LORDS LANE BRIGHOUSE CSO discharging at National Grid Reference SE
 14997 22533
 LILLANDS LANE CSO discharging at National Grid Reference SE 14057
 22645
 RIVER STREET CSO discharging at National Grid Reference SE 15683
 22178
 ELLAND MILLGATE CSO discharging at National Grid Reference SE 1069
 2128
 BRIGHOUSE UPPER STW/3XDWF OVERFLOW discharging at National Grid
 Reference SE 17300 21120
 BRIGHOUSE UPPER STW/6XDWF OVERFLOW discharging at National Grid
 Reference SE 17290 21120
 PARK ROAD ELLAND CSO discharging at National Grid Reference SE 11230
 21790
 BIRDS ROYD LANE NO 2 CSO discharging at National Grid Reference SE
 14726 22552
 THORNHILLS BECK LANE CSO discharging at National Grid Reference SE

1509 2252

DARK LANE NO 2 CSO discharging at National Grid Reference SE 11985 23379

POLLARD STREET NO 2 CSO discharging at National Grid Reference SE 14834 22555

EASTGATE ELLAND CSO discharging at National Grid Reference SE 10995 21475

HUDDERSFIELD RD 106 CSO discharging at National Grid Reference SE 11985 23379

SOUTH LANE CSO discharging at National Grid Reference SE 10995 21475

WISTONS LANE CSO discharging at National Grid Reference SE 10995 21475

GAS WORKS LANE CSO discharging at National Grid Reference SE 10922 21500

LOWER EDGE ROAD CSO discharging at National Grid Reference SE1109421538

PARK HILL FARM CSO discharging at National Grid Reference SE 35741 21362

HALIFAX STW discharging at National Grid Reference SE 09250 22390

- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. FURTHER CONDITIONS

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report –South West Area Reservoirs: Middle Calder Area', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Blackmoorfoot (Brow Grains Dyke) Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 & 1.2 through the range of flows up to the maximum authorised under Paragraph 28 of the Huddersfield Water Act 1869. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Blackmoorfoot (Brow Grains Dyke) Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as IDMON_WSWQ2 CSO Monitoring in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, which, in the context of this licence is:

- Colne 4
- Holme 4
- Calder 4

The Water Company or the Agency may be deem it necessary to implement the monitoring and

maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 are the downstream reach or reaches where monitoring is required, in accordance with Water Company South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems

IMPORTANT NOTES

Temporary Use ban

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow to the Brow Grains Dyke and the River Holme from Blackmoorfoot Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The Water Company shall measure and record the following information.</p> <p>For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Colne 4: 500m located within SE 15517 17790 to SE 15905 18094, 500m located within SE 14983 16189 to SE 15154 16606 and 500m located within SE 16870 18882 to SE 17238 19148 • Holme 4: 500m located within SE 13530 13094 to SE 13377 13662 • Holme T3: 500m located within SE13591233 to SE13841251 and 120m located within SE 08707 10651 to SE 08821 10660 and 500m located within SE 10814 11067 to SE 11092 11417 • Calder 4: Site 1: 500m located within SE 1261 2229 to SE 1303 2227 (incorporating Cromwell Bottom LNR/LWS) and 500m located within SE 2408 2079 to SE 2404 2129
Survey Results	<p>At the same time each week for the duration of the drought permit, the Water Company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <p>i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

The Water Company is authorised by the Huddersfield Water Act 1869 ("the Act") and the Huddersfield Water Act dated 1908 ("the Act") to abstract water and is required to operate in accordance with the provisions of the Licence as revised by the Agency's enforcement letter dated 16 June 2014 ("the Letter"). This drought permit suspends and/or modifies the provisions of the Licence (as revised by the Letter) to the extent set out in the Schedule of Conditions.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Paragraph 3 of the 1908 Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 310 cubic metres per day from Blackmoorfoot Reservoir to Hoyle house Clough and the River Colne at National Grid Reference SE 099 131 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 200 cubic metres per day from Blackmoorfoot Reservoir to Hoyle house Clough and the River Colne at National Grid Reference SE 099 131 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Chapter viii paragraph 3 of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix number 1 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Blackmoorfoot Reservoir to Hoyle house Clough and the River Colne at National Grid Reference SE 099 131 to a rate of not less than 612 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to Hoyle house Clough and the River Colne shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this

drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 099 131, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the *(2025) Combined Sewer Overflows Optimisation and Maintenance for Drought Plan* and the *(2025) Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. BARGATE NO 2 CSO discharging at National Grid Reference SE 09726 14544
FERNLEA GROVE CSO discharging at National Grid Reference SE 10183 15131
CROSLAND STREET HLR discharging at National Grid Reference SE 1328 1606
FACTORY LANE CSO discharging at National Grid Reference SE 12028 15862
GORDON TERRACE CSO discharging at National Grid Reference SE 09896 14778
BARBER ROW NO 2 CSO discharging at National Grid Reference SE 09540 14495
MILNS SHAW LANE NO 2 CSO discharging at National Grid Reference SE 11682 15808
MILNSBRIDGE CSO discharging at National Grid Reference SE 11548 16143
SPRINGDALE AVENUE CSO discharging at National Grid Reference SE 13567 16072
LONGROYD MANCH ROAD CSO discharging at National Grid Reference SE 13567 16072
JACK BRIDGE WEST CSO discharging at National Grid Reference SE 15154 17340
BEN SHAWS CSO discharging at National Grid Reference SE 15207 17533
KINGS MILL LANE NO 2 CSO discharging at National Grid Reference SE 15122 16255
FARTOWN BRADFORD RD CSO discharging at National Grid Reference SE 15207 17533
RED DOLES ROAD CSO discharging at National Grid Reference SE 1550 1775
WILLOW LANE CSO discharging at National Grid Reference SE 15207 17533
BOG GREEN LANE CSO discharging at National Grid Reference SE 17776 20220

HUDDERSFIELD LEEDS RD CSO discharging at National Grid Reference SE 16760 18930
 BRADLEY MILLS 2 CSO discharging at National Grid Reference SE 15218 17545
 DEIGHTON STW – Storm Overflow discharging at National Grid Reference SE 17250 19480
 DEIGHTON STW - Storm Overflow discharging at National Grid Reference SE 16970 19080
 CARR PIT ROAD NO 2 CSO discharging at National Grid Reference SE 15147 16495
 IVY STREET CSO discharging at National Grid Reference SE 15382 16286
 COLNE ROAD CSO discharging at National Grid Reference SE 15037 16169
 THISTLE STREET CSO discharging at National Grid Reference SE 15207 17533
 SOMERSET ROAD CSO discharging at National Grid Reference SE 1512 1625
 LONGLEY PARK CSO discharging at National Grid Reference SE 15052 16179
 DAISY STREET CSO discharging at National Grid Reference SE 15147 16495
 ANCHOR STREET CSO discharging at National Grid Reference SE 15163 16663
 ASPLEY WAKEFIELD RD CSO discharging at National Grid Reference SE 15122 16255
 GASWORKS STREET CSO discharging at National Grid Reference SE 15208 17129
 WILLOW LANE BECK CSO discharging at National Grid Reference SE 15200 17527
 CAUSEWAY SIDE 13 CSO discharging at National Grid Reference SE 09587 14130
 WOODHOUSE LANE CSO discharging at National Grid Reference SE 15883 21823
 ELLAND LOWFIELDS SPS discharging at National Grid Reference SE 11260 21800
 ELLAND WEST VALE SPS discharging at National Grid Reference SE 10007 21124
 PARK ROAD CSO discharging at National Grid Reference SE 11244 21795
 ELLAND LANE CSO discharging at National Grid Reference SE 11094 21538
 BRAMSTON STREET CSO discharging at National Grid Reference SE 14488 22546
 COOPER BRIDGE CSO discharging at National Grid Reference SE 17599 20604
 LORDS LANE BRIGHOUSE CSO discharging at National Grid Reference SE 14997 22533
 LILLANDS LANE CSO discharging at National Grid Reference SE 14057 22645
 RIVER STREET CSO discharging at National Grid Reference SE 15683 22178
 ELLAND MILLGATE CSO discharging at National Grid Reference SE 1069 2128
 BRIGHOUSE UPPER STW/3XDWF OVERFLOW discharging at National Grid Reference SE 17300 21120
 BRIGHOUSE UPPER STW/6XDWF OVERFLOW discharging at National Grid Reference SE 17290 21120
 PARK ROAD ELLAND CSO discharging at National Grid Reference SE 11230 21790
 BIRDS ROYD LANE NO 2 CSO discharging at National Grid Reference SE

14726 22552

THORNHILLS BECK LANE CSO discharging at National Grid Reference SE 1509 2252

DARK LANE NO 2 CSO discharging at National Grid Reference SE 11985 23379

POLLARD STREET NO 2 CSO discharging at National Grid Reference SE 14834 22555

EASTGATE ELLAND CSO discharging at National Grid Reference SE 10995 21475

HUDDERSFIELD RD 106 CSO discharging at National Grid Reference SE 11985 23379

SOUTH LANE CSO discharging at National Grid Reference SE 10995 21475

WISTONS LANE CSO discharging at National Grid Reference SE 10995 21475

GAS WORKS LANE CSO discharging at National Grid Reference SE 10922 21500

LOWER EDGE ROAD CSO discharging at National Grid Reference SE1109421538

PARK HILL FARM CSO discharging at National Grid Reference SE 35741 21362

HALIFAX STW discharging at National Grid Reference SE 09250 22390

- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. FURTHER CONDITIONS

- 3.1 Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report –South West Area Reservoirs: Middle Calder Area', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Blackmoorfoot (Hoyle House Clough) Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 & 1.2 through the range of flows up to the maximum authorised under Chapter viii Paragraph 3 of the 1869 Huddersfield Water Act and the Huddersfield Water Act dated 18 June 1908. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Blackmoorfoot (Hoyle House Clough) Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Colne 3
- Colne 4
- Colne T3
- Calder 4

The Water Company or the Agency may deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 are the downstream reach or reaches where monitoring is required, in accordance with South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES

Temporary Use ban

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow to Hoyle house Clough and the River Colne from Blackmoorfoot Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The Water Company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Colne 3: 500m located within SE 0970 1455 to SE 0993 1497 and 500m located within SE 10621 15599 to SE 11067 15821 • Colne 4: 500m located within SE 15517 17790 to SE 15905 18094, 500m located within SE 14983 16189 to SE 15154 16606 and 500m located within SE 16870 18882 to SE 17238 19148 • Colne T3: 500m located within SE 09629 13554 to SE 09813 13158 • Calder 4: Site 1: 500m located within SE 1261 2229 to SE 1303 2227 (incorporating Cromwell Bottom LNR/LWS) and 500m located within SE 2408 2079 to SE 2404 2129
Survey Results	<p>At the same time each week for the duration of the drought permit, the Water Company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <p>i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies paragraph 13 (2) of the 1966 Wakefield and District Water (Booth Wood Reservoir) Order dated 6 January 1967 ("the act") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Paragraph 13 (2) of the act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 1,710 cubic metres per day from Booth Wood Reservoir to the Booth Dean Clough and the River Ryburn at National Grid Reference SE 033 166 or other location as agreed in writing by the Agency.

1.2 In addition to the flows specified in section 1.1 The water company shall also ensure that a flow of not less than 9,000 cubic meters per day is in the River Ryburn as measured over Slitheroe Bridge Weir at National Grid Reference SE 035 189

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 1,130 cubic metres per day from Booth Wood Reservoir to the Booth Dean Clough and the River Ryburn at National Grid Reference SE 033 166 or other location as agreed in writing by the Agency.

1.4 If regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks the water company shall, in addition to the flows specified in section 1.3, also ensure that a flow of not less than 6,000 cubic meters per day is in the River Ryburn as measured over Slitheroe Bridge Weir at National Grid Reference SE 035 189

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.5 Paragraph 13 (2) of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix numbers 1 and 2 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

- 2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Booth Wood Reservoir to Booth Dean Clough and the River Ryburn at National Grid Reference SE 033 166 to a rate of not less than 3,410 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the Booth Dean Clough shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 033 166, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. Old Bridge Inn CSO discharging at National Grid Reference SE 04068 199791
- Lumb Clough CSO discharging at National Grid Reference SE 04450 21285
- Watson Mill Lane CSO discharging at National Grid Reference SE 05584 22995
- Sowerby Croft Lane 2 CSO discharging at National Grid Reference SE 05779 22925
- New Inn West Street CSO discharging at National Grid Reference SE 05892 23460
- West Street CSO discharging at National Grid Reference SE 05828 23292
- Ripponden Wood STW discharging at National Grid Reference SE 04530 20610
- BACK WHARF STREET CSO discharging at National Grid Reference SE 06225 23620
- ROCHDALE CANAL CSO discharging at National Grid Reference SE 06405 23627
- WHARFE HOUSE CSO discharging at National Grid Reference SE 06463 23638
- SOWERBY BRIDGE CSO discharging at National Grid Reference SE 07240 23635

COPLEY VILLAGE NO 2 SPS discharging at National Grid Reference SE
08466 555676
HALIFAX COPLEY STW discharging at National Grid Reference SE 09220
22290

- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3.

FURTHER CONDITIONS

3.1

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the permit.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report –South West Area Reservoirs', Upper Calder, July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Booth Wood Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 and 1.2 through the range of flows up to the maximum authorised under Paragraph 13 (2) of the 1966 Wakefield and District Water (Booth Wood Reservoir) Order dated 6 January 1967. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Booth Wood Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs: Upper Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Upper Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Ryburn 2
- Calder 3

The Water Company or the Agency may deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 and Appendix 2 are the downstream reach or reaches where monitoring is required, in accordance with South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES

Temporary Use ban

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow to Booth Dean Clough and the River Ryburn from Booth Wood Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The Water Company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> Booth Dean Clough 1: 500m between SE 03247 16533 to SE 03594 16891 Ryburn 2: 500m between SE 0580 2323 to SE 0592 2350 Calder 3: 500m located between SE 0693 2371 to SE 0722 2365
Survey Results	<p>At the same time each week for the duration of the drought permit, the Water Company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <p>i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>

APPENDIX 2**ENVIRONMENTAL MONITORING SCHEDULE: SHORT-TERM POLLUTION SCHEDULE**

Assessment Type	Targeted surveillance walkover surveys of water quality and ecological stress local to 'significant' water quality pressures', to include water quality spot sampling in priority areas such as pools and weirs where aquatic species may become isolated during low flows.
Duration of Monitoring	The environmental monitoring surveys shall take place from the first day that the total compensation flow to Booth Dean Clough and the River Ryburn from Booth Wood Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information in priority areas such as pools and weirs where aquatic species may become isolated during low flows.</p> <p>For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved Oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes
Location of Monitoring	<ul style="list-style-type: none"> Ryburn 2: 10m upstream and at least 100m downstream of Ripponden Wood WwTW discharge outfall at SE 04530 20610
Survey Results	<p>At the same time each week for the duration of the drought permit, the Water Company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <p>i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>



Drought Permit – modify existing Impoundment

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies Section 4.1 of impoundment licence NE/027/0010/008 (the "licence") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of expiry.....DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Section 4.1 of the licence is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow as per the table below from Brownhill Reservoir to the River Holme at National Grid Reference SE 11728 06380 or other location as agreed in writing by the Agency.

Month	Compensation flow MI/d
January	3.45
February	3.45
March	3.45
April	2.70
May	2.70
June	2.40
July	2.40
August	2.70
September	2.70
October	2.70
November	3.45
December	3.45

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow as per the table below from Brownhill Reservoir to the River Holme at National Grid Reference SE 11728 06380 or other location as agreed in writing by the Agency.

Month	Compensation flow MI/d
January	2.28
February	2.28
March	2.28
April	1.78
May	1.78
June	1.58
July	1.58
August	1.78
September	1.78
October	1.78
November	2.28
December	2.28

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Section 4.1 of the Licence shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

- 2.1 The water company shall undertake the monitoring as set out in Appendix number 1 attached to this permit.
- 2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:
- 2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;
- (ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.
- 2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Brownhill Reservoir to River Holme at National Grid Reference SE 11728 06380 as per the table below, or a lesser quantity if agreed in writing by the Agency.

Month	Compensation flow Ml/d
January	6.90
February	6.90
March	6.90
April	5.40
May	5.40
June	4.80
July	4.80
August	5.40
September	5.40
October	5.40
November	6.90
December	6.90

The increase in compensation flow to the River Holme shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.
- 2.4 **Temporary Flow Adjustments**
If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company

shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 11728 06380, or other location as agreed in writing by the Agency.

2.5

Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i) JACK BRIDGE WEST CSO discharging at National Grid Reference SE 15154 17340
- BEN SHAWS CSO discharging at National Grid Reference SE 15207 17533
- KINGS MILL LANE NO 2 CSO discharging at National Grid Reference SE 15122 16255
- FARTOWN BRADFORD RD CSO discharging at National Grid Reference SE 15207 17533
- RED DOLES ROAD CSO discharging at National Grid Reference SE 1550 1775
- WILLOW LANE CSO discharging at National Grid Reference SE 15207 17533
- BOG GREEN LANE CSO discharging at National Grid Reference SE 17776 20220
- HUDDERSFIELD LEEDS RD CSO discharging at National Grid Reference SE 16760 18930
- BRADLEY MILLS 2 CSO discharging at National Grid Reference SE 15218 17545
- DEIGHTON STW – Storm Overflow discharging at National Grid Reference SE 17250 19480
- DEIGHTON STW – Storm Overflow discharging at National Grid Reference SE 16970 19080
- CARR PIT ROAD NO 2 CSO discharging at National Grid Reference SE 15147 16495
- IVY STREET CSO discharging at National Grid Reference SE 15382 16286
- COLNE ROAD CSO discharging at National Grid Reference SE 15037 16169
- THISTLE STREET CSO discharging at National Grid Reference SE 15207 17533
- SOMERSET ROAD CSO discharging at National Grid Reference SE 1512 1625
- LONGLEY PARK CSO discharging at National Grid Reference SE 15052 16179
- DAISY STREET CSO discharging at National Grid Reference at SE 15147 16495
- ANCHOR STREET CSO discharging at National Grid Reference SE 15163 16663
- ASPLEY WAKEFIELD RD CSO discharging at National Grid Reference SE 15122 16255
- GASWORKS STREET CSO discharging at National Grid Reference SE 15208 17129
- WILLOW LANE BECK CSO discharging at National Grid Reference SE 15200 17527
- NEILEY NO 2 STW – Storm Overflow discharging at National Grid Reference SE 14670 11530
- HONLEY NEWTOWN NO 2 CSO discharging at National Grid Reference SE 14002 12134

HONLEY HUDDSFLD RD 2 CSO discharging at National Grid Reference SE 14042 12580
HONLEY EASTGATE CSO discharging at National Grid Reference SE 13999 12140
HONLEY BRIDGE NO 2 CSO discharging at National Grid Reference SE 14045 12015
CORN MILL NO 2 CSO discharging at National Grid Reference SE 14015 12140
BROCKHOLES LANE CSO discharging at National Grid Reference SE 15092 10976
LONGLANDS ROAD NO 2 CSO discharging at National Grid Reference SE 15013 10048
ARMITAGE FOLD CSO discharging at National Grid Reference SE 13362 13819
STOCKWELL HILL CSO discharging at National Grid Reference SE 13573 13662
WATER STREET NO 2 CSO discharging at National Grid Reference SE 13693 15139
BEAUMONT PARK CSO discharging at National Grid Reference at SE 12642 14116
QUEENS MILL ROAD CSO discharging at National Grid Reference SE 14131 15635
LOCKWOOD SCAR CSO discharging at National Grid Reference SE 13690 15117
QUEENS SQUARE CSO discharging at National Grid Reference SE 14130 12692
WOODHOUSE LANE CSO discharging at National Grid Reference SE 15883 21823
ELLAND LOWFIELDS SPS discharging at National Grid Reference SE 112602 18001
ELLAND WEST VALE SPS discharging at National Grid Reference SE 100072 11241
PARK ROAD CSO discharging at National Grid Reference SE 11244 21795
ELLAND LANE CSO discharging at National Grid Reference SE 11094 21538
BRAMSTON STREET CSO discharging at National Grid Reference SE 14488 22546
COOPER BRIDGE CSO discharging at National Grid Reference SE 17599 20604
LORDS LANE BRIGHOUSE CSO discharging at National Grid Reference SE 14997 22533
LILLANDS LANE CSO discharging at National Grid Reference SE 14057 22645
RIVER STREET CSO discharging at National Grid Reference SE 15683 22178
ELLAND MILLGATE CSO discharging at National Grid Reference SE 1069 2128
BRIGHOUSE UPPER STW/3XDWF OVERFLOW discharging at National Grid Reference SE 17300 21120
BRIGHOUSE UPPER STW/6XDWF OVERFLOW discharging at National Grid Reference SE 17290 21120
PARK ROAD ELLAND CSO discharging at National Grid Reference SE 11230 21790
BIRDS ROYD LANE NO 2 CSO discharging at National Grid Reference SE 14726 22552
THORNHILLS BECK LANE CSO discharging at National Grid Reference SE

1509 2252

DARK LANE NO 2 CSO discharging at National Grid Reference SE 11985

23379

POLLARD STREET NO 2 CSO discharging at National Grid Reference SE

14834 22555

EASTGATE ELLAND CSO discharging at National Grid Reference SE 10995

21475

HUDDERSFIELD RD 106 CSO discharging at National Grid Reference SE

11985 23379

SOUTH LANE CSO discharging at National Grid Reference SE 10995 21475

WISTONS LANE CSO discharging at National Grid Reference SE 10995 21475

GAS WORKS LANE CSO discharging at National Grid Reference SE 10922

21500

LOWER EDGE ROAD CSO discharging at National Grid Reference SE 11094

21538

PARK HILL FARM CSO discharging at National Grid Reference SE 35741

21362

HALIFAX STW discharging at National Grid Reference SE 09250 22390

- i) As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. FURTHER CONDITIONS

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the permit.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report –South West Area Reservoirs: Middle Calder Area', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Brownhill Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 & 1.2 through the range of flows up to the maximum authorised under Section 4.1 of impoundment licence No. NE/027/0010/008. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Brownhill Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Colne 4
- Holme 3
- Holme 4
- Calder 4

The Water Company or the Agency may deem it necessary to implement the monitoring and

maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 are the downstream reach or reaches where monitoring is required, in accordance with Water Company South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow to the River Holme from Brownhill Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The Water Company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Colne 4: 500m located within SE 15517 17790 to SE 15905 18094, 500m located within SE 14983 16189 to SE 15154 16606 and 500m located within SE 16870 18882 to SE 17238 19148 • Holme 1: 500m located within SE1173606392 to SE1208606641 • Holme 2: 500m located within SE 1371 0784 and SE 1413 0811 • Holme 3: 500m located within SE 1423 0817 to SE 1439 0850 • Holme 4: 500m located within SE 13530 13094 to SE 13377 13662 • Calder 4: 500m located within SE 1261 2229 to SE 1303 2227 (incorporating Cromwell Bottom LNR/LWS) and 500m located within SE 2408 2079 to SE 2404 2129
Survey Results	<p>At the same time each week for the duration of the drought permit, the Water Company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <p>i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies Schedule 3 of the 1965 Huddersfield Corporation Act, as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry.....DD MONTH YYYY

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Schedule 3 of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 4,040 cubic metres per day from Butterley Reservoir to the Wessenden brook and the River Colne at National Grid Reference SE 04800 10700 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 2,660 cubic metres per day from Butterley Reservoir to the Wessenden brook and the River Colne at National Grid Reference SE 04800 10700 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Schedule 3 of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix number 1 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Wessenden brook and the River Colne at National Grid Reference SE 04800 10700 to a rate of not less than 8,060 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the Wessenden brook and the River Colne shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this

drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 04800 10700, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. WOOD BOTTOM CSO discharging at National Grid Reference at SE 05360 12048
BARGATE NO 2 CSO discharging at National Grid Reference SE 09726 14544
FERNLEA GROVE CSO discharging at National Grid Reference SE 10183 15131
CROSLAND STREET HLR discharging at National Grid Reference SE 1328 1606
FACTORY LANE CSO discharging at National Grid Reference SE 12028 15862
GORDON TERRACE CSO discharging at National Grid Reference SE 09896 14778
BARBER ROW NO 2 CSO discharging at National Grid Reference SE 09540 14495
MILNS SHAW LANE NO 2 CSO discharging at National Grid Reference SE 11682 15808
MILNSBRIDGE CSO discharging at National Grid Reference SE 11548 16143
SPRINGDALE AVENUE CSO discharging at National Grid Reference SE 13567 16072
LONGROYD MANCH ROAD CSO discharging at National Grid Reference SE 13567 16072
JACK BRIDGE WEST CSO discharging at National Grid Reference SE 15154 17340
BEN SHAWS CSO discharging at National Grid Reference SE 15207 17533
KINGS MILL LANE NO 2 CSO discharging at National Grid Reference SE 15122 16255
FARTOWN BRADFORD RD CSO discharging at National Grid Reference SE 15207 17533

RED DOLES ROAD CSO discharging at National Grid Reference SE 1550
 1775
 WILLOW LANE CSO discharging at National Grid Reference SE 15207 17533
 BOG GREEN LANE CSO discharging at National Grid Reference SE 17776
 20220
 HUDDERSFIELD LEEDS RD CSO discharging at National Grid Reference SE
 16760 18930
 BRADLEY MILLS 2 CSO discharging at National Grid Reference SE 15218
 17545
 DEIGHTON STW – Storm Overflow discharging at National Grid Reference
 SE 17250 19480
 DEIGHTON STW – Storm Overflow discharging at National Grid Refence SE
 16970 19080
 CARR PIT ROAD NO 2 CSO discharging at National Grid Reference SE
 15147 16495
 IVY STREET CSO discharging at National Grid Reference SE 15382 16286
 COLNE ROAD CSO discharging at National Grid Reference SE 15037 16169
 THISTLE STREET CSO discharging at National Grid Reference SE 15207
 17533
 SOMERSET ROAD CSO discharging at National Grid Reference SE 1512
 1625
 LONGLEY PARK CSO discharging at National Grid Reference SE 15052
 16179
 DAISY STREET CSO discharging at National Grid Reference SE 15147
 16495
 ANCHOR STREET CSO discharging at National Grid Reference SE 15163
 16663
 ASPLEY WAKEFIELD RD CSO discharging at National Grid Reference SE
 15122 16255
 GASWORKS STREET CSO discharging at National Grid Reference SE 15208
 17129
 WILLOW LANE BECK CSO discharging at National Grid Reference SE 15200
 17527
 WOODHOUSE LANE CSO discharging at National Grid Reference SE 15883
 21823
 ELLAND LOWFIELDS SPS discharging at National Grid Reference SE
 112602 18001
 ELLAND WEST VALE SPS discharging at National Grid Reference SE
 100072 11241
 PARK ROAD CSO discharging at National Grid Reference SE 11244 21795
 ELLAND LANE CSO discharging at National Grid Reference SE 11094 21538
 BRAMSTON STREET CSO discharging at National Grid Reference SE 14488
 22546
 COOPER BRIDGE CSO discharging at National Grid Reference SE 17599
 20604
 LORDS LANE BRIGHOUSE CSO discharging at National Grid Reference SE
 14997 22533
 LILLANDS LANE CSO discharging at National Grid Reference SE 14057
 22645
 RIVER STREET CSO discharging at National Grid Reference SE 15683
 22178
 ELLAND MILLGATE CSO discharging at National Grid Reference SE 1069
 2128

BRIGHOUSE UPPER STW/3XDWF OVERFLOW discharging at National Grid Reference SE 17300 21120
 BRIGHOUSE UPPER STW/6XDWF OVERFLOW discharging at National Grid Reference SE 17290 21120
 PARK ROAD ELLAND CSO discharging at National Grid Reference SE 11230 21790
 BIRDS ROYD LANE NO 2 CSO discharging at National Grid Reference SE 14726 22552
 THORNHILLS BECK LANE CSO discharging at National Grid Reference SE 1509 2252
 DARK LANE NO 2 CSO discharging at National Grid Reference SE 11985 23379
 POLLARD STREET NO 2 CSO discharging at National Grid Reference SE 14834 22555
 EASTGATE ELLAND CSO discharging at National Grid Reference SE 10995 21475
 HUDDERSFIELD RD 106 CSO discharging at National Grid Reference SE 11985 23379
 SOUTH LANE CSO discharging at National Grid Reference SE 10995 21475
 WISTONS LANE CSO discharging at National Grid Reference SE 10995 21475
 GAS WORKS LANE CSO discharging at National Grid Reference SE 10922 21500
 LOWER EDGE ROAD CSO discharging at National Grid Reference SE 11094 21538
 PARK HILL FARM CSO discharging at National Grid Reference SE 35741 21362
 HALIFAX STW discharging at National Grid Reference SE 09250 22390

- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3.

FURTHER CONDITIONS

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the permit.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report –South West Area Reservoirs: Middle Calder', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Butterley Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 and 1.2 through the range of flows up to the maximum authorised under Schedule 3 of the 1965 Huddersfield Corporation Act. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Butterley Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, which, in the context of this licence is:

- Colne 2
- Colne 3
- Colne 4
- Calder 4

The Water Company or the Agency may deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 are the downstream reach or reaches where monitoring is required, in accordance with South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow to Wessenden brook and the River Colne from Butterley Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The Water Company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Colne 2: 500m located within SE 0836 1405 to SE 0867 1422 and 500m located within SE 0541 1227 to SE 0586 1247 • Colne 3: 500m located within SE 0970 1455 to SE 0993 1497 and 500m located within SE 10621 15599 to SE 11067 15821 • Colne 4: 500m located within SE 15517 17790 to SE 15905 18094, 500m located within SE 14983 16189 to SE 15154 16606 and 500m located within SE 16870 18882 to SE 17238 19148 • Colne T1: 500m located within SE 04726 11476 to SE 04869 11641 • Calder 4: Calder 4: 500m located within SE 1261 2229 to SE 1303 2227 (incorporating Cromwell Bottom LNR/LWS) and 500m located within SE 2408 2079 to SE 2404 2129
Survey Results	<p>At the same time each week for the duration of the drought permit, the Water Company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <p>i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>



Drought Permit – modify existing Impoundment

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies Section 4.1 of impoundment licence number NE/027/0010/009 ("the Licence") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Section 4.1 of the Licence is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow as per the table below from Digley Reservoir to the Digley Brook and River Holme at National Grid Reference SE 11173 06844 or other location as agreed in writing by the Agency.

Month	Compensation flow Ml/d
January	5.30
February	2.90
March	2.90
April	2.90
May	2.90
June	2.25
July	1.60
August	2.90
September	2.90
October	2.90
November	5.30
December	5.30

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow as per the table below from Digley Reservoir to the Digley Brook and River Holme at National Grid Reference SE 11173 06844 or other location as agreed in writing by the Agency.

Month	Compensation flow Ml/d
January	3.50
February	1.91
March	1.91
April	1.91
May	1.91
June	1.49
July	1.06
August	1.91
September	1.91
October	1.91
November	3.50
December	3.50

A day means any period of 24 consecutive hours reckoned from 9.00am.

- 1.3 Section 4.1 of the Licence shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

- 2.1 The water company shall undertake the monitoring as set out in Appendix number 1 attached to this permit.

- 2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

- 2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

- 2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Digley Brook and River Holme at National Grid Reference SE 11173 06844 as per the table below, or a lesser quantity if agreed in writing by the Agency.

Month	Compensation flow ML/d
January	10.60
February	5.80
March	5.80
April	5.80
May	5.80
June	4.50
July	3.20
August	5.80
September	5.80
October	5.80
November	10.60
December	10.60

The increase in compensation flow to the Digley Brook and River Holme shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 Temporary Flow Adjustments

If, upon being notified by the Agency, or upon discovering through environmental

monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 11173 06844, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i) JACK BRIDGE WEST CSO discharging at National Grid Reference SE 15154 17340
- BEN SHAWS CSO discharging at National Grid Reference SE 15207 17533
- KINGS MILL LANE NO 2 CSO discharging at National Grid Reference SE 15122 16255
- FARTOWN BRADFORD RD CSO discharging at National Grid Reference SE 15207 17533
- RED DOLES ROAD CSO discharging at National Grid Reference SE 1550 1775
- WILLOW LANE CSO discharging at National Grid Reference SE 15207 17533
- BOG GREEN LANE CSO discharging at National Grid Reference SE 17776 20220
- HUDDERSFIELD LEEDS RD CSO discharging at National Grid Reference SE 16760 18930
- BRADLEY MILLS 2 CSO discharging at National Grid Reference SE 15218 17545
- DEIGHTON STW – Storm Overflow discharging at National Grid Reference SE 17250 19480
- DEIGHTON STW – Storm Overflow discharging at National Grid Reference SE 16970 19080
- CARR PIT ROAD NO 2 CSO discharging at National Grid Reference SE 15147 16495
- IVY STREET CSO discharging at National Grid Reference SE 15382 16286
- COLNE ROAD CSO discharging at National Grid Reference SE 15037 16169
- THISTLE STREET CSO discharging at National Grid Reference SE 15207 17533
- SOMERSET ROAD CSO discharging at National Grid Reference SE 1512 1625
- LONGLEY PARK CSO discharging at National Grid Reference SE 15052 16179
- DAISY STREET CSO discharging at National Grid Reference at SE 15147 16495
- ANCHOR STREET CSO discharging at National Grid Reference SE 15163 16663
- ASPLEY WAKEFIELD RD CSO discharging at National Grid Reference SE 15122 16255
- GASWORKS STREET CSO discharging at National Grid Reference SE 15208 17129
- WILLOW LANE BECK CSO discharging at National Grid Reference SE

15200 17527
NEILEY NO 2 STW – Storm Overflow discharging at National Grid Reference
SE 14670 11530
HONLEY NEWTOWN NO 2 CSO discharging at National Grid Reference SE
14002 12134
HONLEY HUDDSFLD RD 2 CSO discharging at National Grid Reference SE
14042 12580
HONLEY EASTGATE CSO discharging at National Grid Reference SE
13999 12140
HONLEY BRIDGE NO 2 CSO discharging at National Grid Reference SE
14045 12015
CORN MILL NO 2 CSO discharging at National Grid Reference SE 14015
12140
BROCKHOLES LANE CSO discharging at National Grid Reference SE
15092 10976
LONGLANDS ROAD NO 2 CSO discharging at National Grid Reference SE
15013 10048
ARMITAGE FOLD CSO discharging at National Grid Reference SE 13362
13819
STOCKWELL HILL CSO discharging at National Grid Reference SE 13573
13662
WATER STREET NO 2 CSO discharging at National Grid Reference SE
13693 15139
BEAUMONT PARK CSO discharging at National Grid Reference at SE
12642 14116
QUEENS MILL ROAD CSO discharging at National Grid Reference SE
14131 15635
LOCKWOOD SCAR CSO discharging at National Grid Reference SE 13690
15117
QUEENS SQUARE CSO discharging at National Grid Reference SE 14130
12692
WOODHOUSE LANE CSO discharging at National Grid Reference SE 15883
21823
ELLAND LOWFIELDS SPS discharging at National Grid Reference SE
112602 18001
ELLAND WEST VALE SPS discharging at National Grid Reference SE
100072 11241
PARK ROAD CSO discharging at National Grid Reference SE 11244 21795
ELLAND LANE CSO discharging at National Grid Reference SE 11094 21538
BRAMSTON STREET CSO discharging at National Grid Reference SE 14488
22546
COOPER BRIDGE CSO discharging at National Grid Reference SE 17599
20604
LORDS LANE BRIGHOUSE CSO discharging at National Grid Reference SE
14997 22533
LILLANDS LANE CSO discharging at National Grid Reference SE 14057
22645
RIVER STREET CSO discharging at National Grid Reference SE 15683
22178
ELLAND MILLGATE CSO discharging at National Grid Reference SE 1069
2128
BRIGHOUSE UPPER STW/3XDWF OVERFLOW discharging at National Grid
Reference SE 17300 21120

BRIGHOUSE UPPER STW/6XDWF OVERFLOW discharging at National Grid Reference SE 17290 21120
PARK ROAD ELLAND CSO discharging at National Grid Reference SE 11230 21790
BIRDS ROYD LANE NO 2 CSO discharging at National Grid Reference SE 14726 22552
THORNHILLS BECK LANE CSO discharging at National Grid Reference SE 1509 2252
DARK LANE NO 2 CSO discharging at National Grid Reference SE 11985 23379
POLLARD STREET NO 2 CSO discharging at National Grid Reference SE 14834 22555
EASTGATE ELLAND CSO discharging at National Grid Reference SE 10995 21475
HUDDERSFIELD RD 106 CSO discharging at National Grid Reference SE 11985 23379
SOUTH LANE CSO discharging at National Grid Reference SE 10995 21475
WISTONS LANE CSO discharging at National Grid Reference SE 10995 21475
GAS WORKS LANE CSO discharging at National Grid Reference SE 10922 21500
LOWER EDGE ROAD CSO discharging at National Grid Reference SE 11094 21538
PARK HILL FARM CSO discharging at National Grid Reference SE 35741 21362
HALIFAX STW DISCHARGING AT NATIONAL GRID REFERENCE SE0925022390

- i) As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. FURTHER CONDITIONS

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the permit.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report –South West Area Reservoirs: Middle Calder Area', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Digley Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 & 1.2 through the range of flows up to the maximum authorised under Section 4.1 of licence number NE/027/0010/009. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Digley Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Colne 4
- Holme 3
- Holme 4
- Calder 4

The Water Company or the Agency may be deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 are the downstream reach or reaches where monitoring is required, in accordance with Water Company South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow to Digley Brook and the River Holme from Digley Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The Water Company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Colne 4: 500m located within SE 15517 17790 to SE 15905 18094, 500m located within SE 14983 16189 to SE 15154 16606 and 500m located within SE 16870 18882 to SE 17238 19148 • Holme 2: 500m located within SE 1371 0784 and SE 1413 0811 • Holme 3: 500m located within SE 1423 0817 to SE 1439 0850 • Holme 4: 500m located within SE 13530 13094 to SE 13377 13662 • Holme T1: 500m located within SE 1131 0680 to SE 1180 0676 • Calder 4: 500m located within SE 1261 2229 to SE 1303 2227 (incorporating Cromwell Bottom LNR/LWS) and 500m located within SE 2408 2079 to SE 2404 2129
Survey Results	<p>At the same time each week for the duration of the drought permit, the Water Company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <p>i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>



Drought Permit – modify existing impoundment

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies impoundment licence serial number 027/0012/033 dated 1 May 2018 ("the licence") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Condition 4.1 of the licence is substituted with the following:

The Licence Holder shall make a continuous release of compensation flow of not less than 1,350 cubic metres per day from Gorple Lower Reservoir to Graining Water (Hebden Water) at National Grid Reference SD 945 314 marked as "compensation Flow" on the map.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 890 cubic metres per day from Gorple Lower Reservoir to Graining Water (Hebden Water) at National Grid Reference SD 945 314 marked as "compensation Flow" on the map.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Condition 4.1 of the licence shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix numbers 1 & 2 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Lower Gorple Reservoir to Graining Water (Hebden Water) at National Grid Reference SD 945 314 to a rate of not less than 2,700 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the Graining Water (Hebden Water) shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 945 314, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i) Salem Cricket Ground CSO discharging at National Grid Reference SD 99204 28057
Princess Bridge CSO discharging at National Grid Reference SD 99470 26932
Crow Nest Bridge CSO discharging at National Grid Reference SD 99587 26845
Back Wharf Street CSO discharging at National Grid Reference SE 06225 23620
Rochdale Canal CSO discharging at National Grid Reference SE 06405 23627
Wharfe House CSO discharging at National Grid Reference SE 06463 23638
Sowerby Bridge CSO discharging at National Grid Reference SE 07240 23635
Copley Village No 2 SPS discharging at National Grid Reference SE08466 555676
Halifax Copley STW discharging at National Grid Reference SE 09220 22290
- ii) As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. **FURTHER CONDITIONS**

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report –South West Area Reservoirs Upper Calder', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Gorple Lower Drought Permit

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 & 1.2 through the range of flows up to the maximum authorised under Section 4.1 of licence No. 027/0012/033 dated 1 May 2018. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Gorple Lower Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Hebden Water 1
- Calder 2
- Calder 3

The Water Company or the Agency may be deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 and Appendix 2 are the downstream reach or reaches where monitoring is required, in accordance with South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	Targeted surveillance walkover surveys of water quality and ecological stress local to 'significant' water quality pressures', to include water quality spot sampling in priority areas such as pools and weirs where aquatic species may become isolated during low flows.
Duration of Monitoring	The environmental monitoring surveys shall take place from the first day that the total compensation flow from Gorple Lower Reservoir to Graining Water (Hebden Water) is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information in priority areas such as pools and weirs where aquatic species may become isolated during low flows.</p> <p>For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved Oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.
Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are

	made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Graining Water T1: 500m between National Grid References SD 9459 3143 to SD 9480 3149 • Graining Water 2: 500m between National Grid References SD 9536 3120 to SD 9584 3133 • Hebden Water 1: 500m between National Grid References SD 9728 3089 to SD 9714 3042 and 150m from SD 97257 29937 to SD 97317 29814 and 40m from SD 99270 27355 to SD 99248 27324 • Calder 2: 500m between National Grid References SD 9986 2664 to SE 0040 2647 • Calder 3: 500m between National Grid References SE 0693 2371 to SE 0722 2365
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> • Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
 Western House
 Halifax Road
 Bradford
 West Yorkshire
 BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies part II paragraph 3 (1) of the 1961 Calderdale Water Board Order dated 28 March 1961 ("the Act") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
 Job title (e.g. Area Director)

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Environment Agency
 Lateral House
 8 City Walk
 Leeds
 LS11 9AT

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Part II paragraph 3 (1) of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 1,710 cubic metres per day from Ogden Reservoir to the Hebble Brook at National Grid Reference SE 066 306 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 1,130 cubic metres per day from Ogden Reservoir to the Hebble Brook at National Grid Reference SE 066 306 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Part II Paragraph 3 (1) of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix numbers 1 & 2 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Hebble Brook at National Grid Reference SE 066 306 to a rate of not less than 3,416 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the Hebble Brook shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 066 306, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i.
 - Jumples CSO discharging at National Grid Reference SE 06453 27890
 - Mount Pellon CSO discharging at National Grid Reference SE 07948 26134
 - Raglan Street CSO discharging at National Grid Reference SE 08420 25814
 - Back Wharf Street CSO discharging at National Grid Reference SE 06225 23620
 - Rochdale Canal CSO discharging at National Grid Reference SE 06405 23627
 - Wharfe House CSO discharging at National Grid Reference SE 06463 23638
 - Sowerby Bridge CSO discharging at National Grid Reference SE 07240 23635
 - Copley Village No 2 SPS discharging at National Grid Reference SE 08466 555676
 - Halifax Copley STW discharging at National Grid Reference SE 09220 22290
- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. **FURTHER CONDITIONS**

- 3.1 Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report – South West Area Reservoirs Upper Calder', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Ogden Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 & 1.2 through the range of flows up to the maximum authorised under Part II paragraph 3 (1) of the 1961 Calderdale Water Board Order dated 28 March 1961. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Ogden Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Hebble Brook 1
- Calder 3

The Water Company or the Agency may be deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 & Appendix 2 are the downstream reach or reaches where monitoring is required, in accordance with Water Company Environmental Monitoring Plan South West Area Upper Calder dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	Targeted surveillance walkover surveys of water quality and ecological stress local to 'significant' water quality pressures', to include water quality spot sampling in priority areas such as pools and weirs where aquatic species may become isolated during low flows.
Duration of Monitoring	The environmental monitoring surveys shall take place from the first day that the total compensation flow from Ogden Reservoir to the Hebble Brook is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information in priority areas such as pools and weirs where aquatic species may become isolated during low flows.</p> <p>For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved Oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Hebble Brook 1: 500m between National Grid References SE 0666 3051 to SE 0646 3012 and 500m located within SE 09881 22986 to SE 09621 22572 • Calder 3: 500m located within SE 0693 2371 to SE 0722 2365
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> • Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies part IV paragraph 28 (3) of the 1965 Huddersfield Corporation Act dated 5 August 1965 ("the Act") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Part IV paragraph 28 (3) of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall discharge into the River Colne sufficient water to maintain a flow of not less than 3,640 cubic metres per day as measured by the gauging station at National Grid Reference SE 042 118 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall discharge into the River Colne sufficient water to maintain a flow of not less than 2,400 cubic metres per day as measured by the gauging station at National Grid Reference SE 042 118 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Part IV Paragraph 28 (3) of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix number 1 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase discharge to the River Colne to provide sufficient water to maintain a flow of not less than 7,274 cubic metres per day as measured by the gauging station at National Grid Reference SE 042 118, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the River Colne shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 042 118, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows**

Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. WOOD BOTTOM CSO discharging at National Grid Reference at SE 05360 12048
BARGATE NO 2 CSO discharging at National Grid Reference SE 09726 14544
FERNLEA GROVE CSO discharging at National Grid Reference SE 10183 15131
CROSLAND STREET HLR discharging at National Grid Reference SE 1328 1606
FACTORY LANE CSO discharging at National Grid Reference SE 12028 15862
GORDON TERRACE CSO discharging at National Grid Reference SE 09896 14778
BARBER ROW NO 2 CSO discharging at National Grid Reference SE 09540 14495
MILNS SHAW LANE NO 2 CSO discharging at National Grid Reference SE 11682 15808
MILNSBRIDGE CSO discharging at National Grid Reference SE 11548 16143
SPRINGDALE AVENUE CSO discharging at National Grid Reference SE 13567 16072
LONGROYD MANCH ROAD CSO discharging at National Grid Reference SE 13567 16072
JACK BRIDGE WEST CSO discharging at National Grid Reference SE 15154 17340
BEN SHAWS CSO discharging at National Grid Reference SE 15207 17533
KINGS MILL LANE NO 2 CSO discharging at National Grid Reference SE 15122 16255

FARTOWN BRADFORD RD CSO discharging at National Grid Reference SE 15207 17533
RED DOLES ROAD CSO discharging at National Grid Reference SE 1550 1775
WILLOW LANE CSO discharging at National Grid Reference SE 15207 17533
BOG GREEN LANE CSO discharging at National Grid Reference SE 17776 20220
HUDDERSFIELD LEEDS RD CSO discharging at National Grid Reference SE 16760 18930
BRADLEY MILLS 2 CSO discharging at National Grid Reference SE 15218 17545
DEIGHTON STW – Storm Overflow discharging at National Grid Reference SE 17250 19480
DEIGHTON STW – Storm Overflow discharging at National Grid Reference SE 16970 19080
CARR PIT ROAD NO 2 CSO discharging at National Grid Reference SE 15147 16495
IVY STREET CSO discharging at National Grid Reference SE 15382 16286
COLNE ROAD CSO discharging at National Grid Reference SE 15037 16169
THISTLE STREET CSO discharging at National Grid Reference SE 15207 17533
SOMERSET ROAD CSO discharging at National Grid Reference SE 1512 1625
LONGLEY PARK CSO discharging at National Grid Reference SE 15052 16179
DAISY STREET CSO discharging at National Grid Reference SE 15147 16495
ANCHOR STREET CSO discharging at National Grid Reference SE 15163 16663
ASPLEY WAKEFIELD RD CSO discharging at National Grid Reference SE 15122 16255
GASWORKS STREET CSO discharging at National Grid Reference SE 15208 17129
WILLOW LANE BECK CSO discharging at National Grid Reference SE 15200 17527
WOODHOUSE LANE CSO discharging at National Grid Reference SE 15883 21823
ELLAND LOWFIELDS SPS discharging at National Grid Reference SE 112602 18001
ELLAND WEST VALE SPS discharging at National Grid Reference SE 100072 11241
PARK ROAD CSO discharging at National Grid Reference SE 11244 21795
ELLAND LANE CSO discharging at National Grid Reference SE 11094 21538
BRAMSTON STREET CSO discharging at National Grid Reference SE 14488 22546
COOPER BRIDGE CSO discharging at National Grid Reference SE 17599 20604
LORDS LANE BRIGHOUSE CSO discharging at National Grid Reference SE 14997 22533
LILLANDS LANE CSO discharging at National Grid Reference SE 14057 22645
RIVER STREET CSO discharging at National Grid Reference SE 15683

22178

ELLAND MILLGATE CSO discharging at National Grid Reference SE 1069 2128

BRIGHOUSE UPPER STW/3XDWF OVERFLOW discharging at National Grid Reference SE 17300 21120

BRIGHOUSE UPPER STW/6XDWF OVERFLOW discharging at National Grid Reference SE 17290 21120

PARK ROAD ELLAND CSO discharging at National Grid Reference SE 11230 21790

BIRDS ROYD LANE NO 2 CSO discharging at National Grid Reference SE 14726 22552

THORNHILLS BECK LANE CSO discharging at National Grid Reference SE 1509 2252

DARK LANE NO 2 CSO discharging at National Grid Reference SE 11985 23379

POLLARD STREET NO 2 CSO discharging at National Grid Reference SE 14834 22555

EASTGATE ELLAND CSO discharging at National Grid Reference SE 10995 21475

HUDDERSFIELD RD 106 CSO discharging at National Grid Reference SE 11985 23379

SOUTH LANE CSO discharging at National Grid Reference SE 10995 21475

WISTONS LANE CSO discharging at National Grid Reference SE 10995 21475

GAS WORKS LANE CSO discharging at National Grid Reference SE 10922 21500

LOWER EDGE ROAD CSO discharging at National Grid Reference SE 11094 21538

PARK HILL FARM CSO discharging at National Grid Reference SE 35741 21362

Halifax STW Overflow discharging at National Grid Reference SE 09250 22390

- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. FURTHER CONDITIONS

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such restrictions remain in force

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the permit.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report –South West Area Reservoirs: Middle Calder Area', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'River Colne MMF Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 & 1.2 through the range of flows up to the maximum authorised under Part IV paragraph 28 (3) of the 1965 Huddersfield Corporation Act dated 5 August 1965. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the River Colne MMF Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as

IDMON_WSWQ2 CSO Monitoring in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, which, in the context of this licence is:

- Colne 2
- Colne 3
- Colne 4
- Calder 4

The Water Company or the Agency may be deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 are the downstream reach or reaches where monitoring is required, in accordance with Water Company South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025 , respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

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APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow to River Colne is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1, or 2.2.2 the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> Colne 1: 500m located within SE 04457 11713 to SE 04865 11658 Colne 2: 500m located within SE 0836 1405 to SE 0867 1422 and 500m located within SE 0541 1227 to SE 0586 1247 Colne 3: 500m located within SE 0970 1455 to SE 0993 1497 and 500m located within SE1062115599 to SE1106715821 Colne 4: 500m located within SE 15517 17790 to SE 15905 18094, 500m located within SE1498316189 to SE1515416606 and 500m located within SE1687018882 to SE1723819148 Calder 4: 500m located within SE 1261 2229 to SE 1303 2227 (incorporating Cromwell Bottom LNR/LWS) and 500m located within SE 2408 2079 to SE 2404 2129
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies paragraph 36 (2a) of the 1924 Wakefield Corporation (Ryburn Reservoir) Act dated 1924 ("the Act") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Paragraph 36 (2a) of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 2,950 cubic metres per day from Ryburn Reservoir to the River Ryburn at National Grid Reference SE 035 189 or other location as agreed in writing by the Agency.

1.2 In addition to the flows specified in section 1.1 The water company shall also ensure that a flow of not less than 9,000 cubic meters per day is in the River Ryburn as measured over Slitheroe Bridge Weir at National Grid Reference SE 035 189

A day means any period of 24 consecutive hours reckoned from 9.00am.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan dated for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 1,950 cubic metres per day from Ryburn Reservoir to the River Ryburn at National Grid Reference SE 035 189 or other location as agreed in writing by the Agency.

1.4 If regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks the water company shall, in addition to the flows specified in section 1.3, also ensure that a flow of not less than 6,000 cubic meters per day is in the River Ryburn as measured over Slitheroe Bridge Weir at National Grid Reference SE 035 189

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.5 Paragraph 36 (2a) of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix numbers 1 & 2 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs

of environmental problems, as directed in writing by the Agency.

- 2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from the River Ryburn at National Grid Reference SE 035 189 to a rate of not less than 5,903 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the River Ryburn shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 Temporary Flow Adjustments

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 035 189, or other location as agreed in writing by the Agency.

2.5 Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i) Old Bridge Inn CSO discharging at National Grid Reference SE 040681 99791
- Lumb Clough CSO discharging at National Grid Reference SE 04450 21285
- Watson Mill Lane CSO discharging at National Grid Reference SE 05584 22995
- Sowerby Croft Lane 2 CSO discharging at National Grid Reference SE 05779 22925
- New Inn West Street CSO discharging at National Grid Reference SE 05892 23460
- Ripponden Wood STW 3XDWF Overflow discharging at National Grid Reference SE 04520 20540
- West Street CSO discharging at National Grid Reference SE 05828 23292
- Back Wharf Street CSO discharging at National Grid Reference SE 06225 23620
- Rochdale Canal CSO discharging at National Grid Reference SE 06405 23627
- Wharfe House CSO discharging at National Grid Reference SE 06463 23638
- Sowerby Bridge CSO discharging at National Grid Reference SE 07240 23635
- Copley Village No 2 SPS discharging at National Grid Reference SE 08466 555676
- Halifax Copley STW discharging at National Grid Reference SE 09220 22290

- ii) As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. FURTHER CONDITIONS

- 3.1 Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such restrictions remain in force.

DRAFT

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report – South West Area Reservoirs Upper Calder', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Ryburn Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 and 1.2 through the range of flows up to the maximum authorised under Paragraph 36 (2a) of the 1924 Wakefield Corporation (Ryburn Reservoir) Act dated 1924. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of Condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Ryburn Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Ryburn 2
- Calder 3

The Water Company or the Agency may be deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 & 2 are the downstream reach or reaches where monitoring is required, in accordance with Water Company South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the water company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	Targeted surveillance walkover surveys of water quality and ecological stress local to 'significant' water quality pressures', to include water quality spot sampling in priority areas such as pools and weirs where aquatic species may become isolated during low flows.
Duration of Monitoring	The environmental monitoring surveys shall take place from the first day that the total compensation flow from Ryburn Reservoir to the River Ryburn is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information in priority areas such as pools and weirs where aquatic species may become isolated during low flows.</p> <p>For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved Oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.
Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are

	made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes
Location of Monitoring	<ul style="list-style-type: none"> • Ryburn 1: 500m between National Grid References SE 0308 1862 to SE 0346 1881 and 450m from SE 02600 18650 to SE 03010 18590 • Ryburn 2: 500m between National Grid References SE 0580 2323 to SE 0592 2350 • Calder 3: 500m located between National Grid References SE 0693 2371 to SE 0722 2365
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> • Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>

APPENDIX 2

ENVIRONMENTAL MONITORING SCHEDULE: SHORT-TERM POLLUTION SCHEDULE

Assessment Type	Targeted surveillance walkover surveys of water quality and ecological stress local to 'significant' water quality pressures', to include water quality spot sampling in priority areas such as pools and weirs where aquatic species may become isolated during low flows.
Duration of Monitoring	The environmental monitoring surveys shall take place from the first day that the total compensation flow from Ryburn Reservoir to the River Ryburn is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information in priority areas such as pools and weirs where aquatic species may become isolated during low flows.</p> <p>For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved Oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.
Frequency of	On the day of any flow changes implemented under conditions 1.1 or 2.2.2,

monitoring	the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes
Location of Monitoring	<ul style="list-style-type: none"> Ryburn 2: 10m upstream and at least 100m downstream of Ripponden Wood WwTW discharge outfall SE 04530 20610
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
 Western House
 Halifax Road
 Bradford
 West Yorkshire
 BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies part IV paragraph 27 (1) of the 1965 Huddersfield Corporation Act, dated 5 August 1965 ("the Act") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
 Job title (e.g. Area Director)

Environment Agency
 Lateral House
 8 City Walk
 Leeds
 LS11 9AT

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Part IV paragraph 27 (1) of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 1,750 cubic metres per day from Scammonden Reservoir to the Black Brook at National Grid Reference SE 053 169 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 1,150 cubic metres per day from Scammonden Reservoir to the Black Brook at National Grid Reference SE 053 169 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Part IV Paragraph 27 (1) of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix numbers 1 & 2 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Scammonden Reservoir to Black Brook at National Grid Reference SE 053 169 to a rate of not less than 3,491 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the Black Brook shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 053 169, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. Saddleworth Road CSO discharging at National Grid Reference SE 06574 20785
 West Vale CSO discharging at National Grid Reference SE 09424 21127
 WOODHOUSE LANE CSO discharging at National Grid Reference SE 15883 21823
 ELLAND LOWFIELDS SPS discharging at National Grid Reference SE 11260 21800
 ELLAND WEST VALE SPS discharging at National Grid Reference SE 10007 21124
 PARK ROAD CSO discharging at National Grid Reference SE 11244 21795
 ELLAND LANE CSO discharging at National Grid Reference SE 11094 21538
 BRAMSTON STREET CSO discharging at National Grid Reference SE 14488 22546
 COOPER BRIDGE CSO discharging at National Grid Reference SE 17599 20604
 LORDS LANE BRIGHOUSE CSO discharging at National Grid Reference SE 14997 22533
 LILLANDS LANE CSO discharging at National Grid Reference SE 14057 22645
 RIVER STREET CSO discharging at National Grid Reference SE 15683 22178
 ELLAND MILLGATE CSO discharging at National Grid Reference SE 1069 2128
 BRIGHOUSE UPPER STW/3XDWF OVERFLOW discharging at National Grid Reference SE 17300 21120
 BRIGHOUSE UPPER STW/6XDWF OVERFLOW discharging at National Grid Reference SE 17290 21120
 PARK ROAD ELLAND CSO discharging at National Grid Reference SE 11230 21790

BIRDS ROYD LANE NO 2 CSO discharging at National Grid Reference SE 14726 22552
THORNHILLS BECK LANE CSO discharging at National Grid Reference SE 1509 2252
DARK LANE NO 2 CSO discharging at National Grid Reference SE 11985 23379
POLLARD STREET NO 2 CSO discharging at National Grid Reference SE 14834 22555
EASTGATE ELLAND CSO discharging at National Grid Reference SE 10995 21475
HUDDERSFIELD RD 106 CSO discharging at National Grid Reference SE 11985 23379
SOUTH LANE CSO discharging at National Grid Reference SE 10995 21475
WISTONS LANE CSO discharging at National Grid Reference SE 10995 21475
GAS WORKS LANE CSO discharging at National Grid Reference SE 10922 21500
LOWER EDGE ROAD CSO discharging at National Grid Reference SE1109421538
PARK HILL FARM CSO discharging at National Grid Reference SE 35741 21362
HALIFAX STW discharging at National Grid Reference SE 09250 22390

- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. FURTHER CONDITIONS

- 3.1 Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such restrictions remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report – South West Area Reservoirs: Middle Calder Area', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Scammonden Water Black Brook Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 and 1.2 through the range of flows up to the maximum authorised under Part IV paragraph 27 (1) of the 1965 Huddersfield Corporation Act, dated 5 August 1965. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

DMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of Condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Scammonden Water Black Brook Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Black Brook 1
- Calder 4

The Water Company or the Agency may be deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition

2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 & 2 are the downstream reach or reaches where monitoring is required, in accordance with Water Company South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES

Temporary Use ban

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the water company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow from Scammonden Water to Black Brook is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information.</p> <p>For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1, or 2.2.2 the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> Black Brook 1: 1.3km located within SE 0687 1926 to SE 07902 20584 with focus on pond habitats (initial 700m to SE 06581 19789 to include review of pond connectivity), and 500m located within SE 06724 18814 to SE 06875 19175 and 500m located within SE 07880 20597 to SE 08342 20640 Calder 4: Site 1: 500m located within SE 1261 2229 to SE 1303 2227 (incorporating Cromwell Bottom LNR/LWS) and 500m located within SE 2408 2079 to SE 2404 2129
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>

APPENDIX 2

ENVIRONMENTAL MONITORING SCHEDULE: SHORT-TERM POLLUTION SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	The environmental monitoring surveys shall take place from the first day that the total compensation flow from Scammoden Water to Black Brook is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.
Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1, or 2.2.2 the day after and then weekly thereafter until no further flow changes are made. If

	no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> Black Brook 1: Scammonden Dam WwTW, 10m upstream and at least 100m downstream of the outfall at SE 05400 17000 Black Brook 1: Barsey Green WwTW, 10m upstream and at least 100m downstream of the outfall at SE 06814 20062
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies part IV paragraph 28 (1) of the 1965 Huddersfield Corporation (Scammonden) Act dated 5 August 1965 ("the Act") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Part IV paragraph 28 (1) of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 680 cubic metres per day from Scammonden Reservoir to Bradshaw Clough at National Grid Reference SE 058 143 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 450 cubic metres per day from Scammonden Reservoir to Bradshaw Clough at National Grid Reference SE 058 143 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Part IV Paragraph 28 (1) of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix number 1 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Scammonden Reservoir to Bradshaw Clough at National Grid Reference SE 058 143 to a rate of not less than 1,364 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the Bradshaw Clough shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 058 143, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities specified in the *(2025) Combined Sewer Overflows Optimisation and Maintenance for Drought Plan* and the *(2025) Wastewater Treatment Works Optimisation and Maintenance for Drought Plan* shall be applied to any CSO and WwTW assets not identified in Appendix A of the same plan, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensation flows are reduced.

3. **FURTHER CONDITIONS**

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such restrictions remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report –South West Area Reservoirs: Middle Calder Area', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Scammonden Water Bradshaw Clough Drought Permit.'

Freshet Flows

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 and 1.2 through the range of flows up to the maximum authorised under Part IV paragraph 28 (1) of the 1965 Huddersfield Corporation (Scammonden) Act dated 5 August 1965. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of Condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Scammonden Water Bradshaw Clough Reservoir Drought Permit.'

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 are the downstream reach or reaches where monitoring is required, in accordance with Water Company South West Reservoirs: Middle Calder Environmental Impact Assessment dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES

Temporary Use ban

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environment Agency Reference:	
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Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the water company.

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APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	The environmental monitoring surveys shall take place from the first day that the total compensation flow from Scammoden Water to Bradshaw Clough is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1, or 2.2.2 the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none">Colne T4: 500m located within SE 0599 1429 to SE 0648 1432 and 500m located within SE 06915 14332 to SE 07066 14240
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none">Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring programme.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
 Western House
 Halifax Road
 Bradford
 West Yorkshire
 BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies paragraph 10 of the 1960 Wakefield Water Order, dated 1960 ("the Act") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
 Job title (e.g. Area Director)

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Environment Agency
 Lateral House
 8 City Walk
 Leeds
 LS11 9AT

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Paragraph 10 of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company may abstract water from Turvin Clough provided the flow of water immediately below the Turvin Clough weir at National Grid Reference SD 992 211 or other location as agreed in writing by the Agency is not less than 3,410 cubic metres per day.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company may abstract water from Turvin Clough provided the flow of water immediately below the Turvin Clough weir at National Grid Reference SD 992 211 or other location as agreed in writing by the Agency is not less than 2,250 cubic metres per day.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Paragraph 10 of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix numbers 1 & 2 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company may abstract water from Turvin Clough provided the flow of water immediately below the Turvin Clough weir at National Grid Reference SD 992 211 or other location as agreed in writing by the Agency is not less than 6,819 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in the prescribed flow at Turvin Clough weir shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SD 992 211, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. Back Wharf Street CSO discharging at National Grid Reference SE 06225 23620
Rochdale Canal CSO discharging at National Grid Reference SE 06405 23627
Wharfe House CSO discharging at National Grid Reference SE 06463 23638
Sowerby Bridge CSO discharging at National Grid Reference SE 07240 23635
Copley Village No 2 SPS discharging at National Grid Reference SE 08466 55676
Halifax Copley STW STW discharging at National Grid Reference SE 09220 22290
- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. **FURTHER CONDITIONS**

- 3.1 Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such restrictions remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report – South West Area Reservoirs Upper Calder', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Turvin Clough Prescribed Flow Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 and 1.2 through the range of flows up to the maximum authorised under Paragraph 10 of the 1960 Wakefield Water Order. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of Condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Turvin Clough Prescribed Flow Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Calder 3

The Water Company or the Agency may be deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 & 2 are the downstream reach or reaches where monitoring is required, in accordance with Water Company Environmental Monitoring Plan South West Area Upper Calder dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the water company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow from Turvin Clough is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration • <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1, or 2.2.2 the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Cragg Brook T2: 500m between National Grid References SE 0023 2250 to SE 0003 2320 • Cragg Brook 1: 500m between National Grid References SD 9999 2321 to SE 0026 2353 • Calder 3: 500m between National Grid References SE 0693 2371 to SE 0722 2365
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> • Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk Note: a calendar week is a period of 7 consecutive days beginning on a Monday</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>



Drought Permit – modify existing impoundment

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies impoundment licence serial number NE 027/0012/031 dated 1 May 2018 ("the licence") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

- 1.1 Unless condition 1.2 applies condition 4.1 of the licence is substituted with the following:

Subject to condition 1.2 of this drought permit, from January to September inclusive the water company shall make a uniform and continuous release of compensation flow of not less than 1,890 cubic metres per day from Walshaw Dean Lower Reservoir to Alcomden Water (Hebden Water) at National Grid Reference SD 958 329 or other location as agreed in writing by the Agency.

Unless condition 1.2 applies condition 4.2(ii) of the licence is substituted with the following:

If the total volume of water in Walshaw Dean Upper Reservoir, Walshaw Dean Middle Reservoir and Walshaw Dean Lower Reservoir is equal to or lower than 1,291,410 cubic meters, the water company shall release 3,780 cubic metres per day to Alcomden Water (Hebden Water) at National Grid Reference SD 958 329 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

- 1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in the Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 1,250 cubic metres per day from January to September inclusive or 2,490 cubic metres per day from October to December inclusive from Walshaw Dean Lower Reservoir to Alcomden Water (Hebden Water) at National Grid Reference SD 958 329 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

- 1.3 Conditions 4.1 and 4.2(ii) of the licence shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

- 2.1 The water company shall undertake the monitoring as set out in Appendix numbers 1 & 2 attached to this permit.

- 2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

- 2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the

signs of environmental problems, as directed in writing by the Agency.

- 2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Walshaw Dean Lower Reservoir to Alcomden Water (Hebden Water) at National Grid Reference SD 958 329 to a rate of not less than 3,780 cubic metres per day from January to September inclusive or 15,120 cubic metres per day from October to December inclusive unless the total volume of water in Walshaw Dean Upper Reservoir, Walshaw Dean Middle Reservoir and Walshaw Dean Lower Reservoir is equal to or less than 1,291.41 Ml/d then 7,550 cubic metres per day should be released, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to Alcomden Water (Hebden Water) shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 958 329, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. Salem Cricket Ground CSO discharges at National Grid Reference SD 99204 28057
Crow Nest Bridge CSO discharges at National Grid Reference SD 99587 26845
Princess Bridge No 2 CSO discharges at National Grid Reference SD 99470 26932
Back Wharf Street CSO discharges at National Grid Reference SE 06225 23620
Rochdale Canal CSO discharges at National Grid Reference SE 06405 23627
Wharfe House CSO discharges at National Grid Reference SE 06463 23638
Sowerby Bridge CSO discharges at National Grid Reference SE 07240

23635

Copley Village No 2 SPS discharges at National Grid Reference SE 08466
555676

Halifax Copley STW discharges at National Grid Reference SE 09220
22290

- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. FURTHER CONDITIONS

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the permit.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report – South West Area Upper Calder Reservoirs', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Walshaw Dean Lower Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 through the range of flows up to the maximum authorised under Licence No. NE 027/0012/031 dated 1 May 2018. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Walshaw Dean Lower Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Hebden Water 1
- Calder 2
- Calder 3

The Water Company or the Agency may deem it necessary to implement the monitoring and

maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 & 2 are the downstream reach or reaches where monitoring is required, in accordance with Water Company Environmental Monitoring Plan South West Area Upper Calder dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES

Temporary Use ban

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow to Alcomden Water (Hebden Water) from Walshaw Dean Lower Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The Water Company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Hebden Water T1: 230m between SD 95599 32606 to SD 95548 32417 • Hebden Water 1: 500m between SD 9728 3089 to SD 9714 3042 and 150m from SD 97257 29937 to SD 97317 29814 and 40m from SD 99270 27355 to SD 99248 27324 • Calder 2 between SD 9986 2664 to SE 0040 2647 • Calder 3 between SE 0693 2371 to SE 0722 2365
Survey Results	<p>At the same time each week for the duration of the drought permit, the Water Company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <p>i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies part II paragraph 4 (1) of the 1961 Calderdale Water Board Order dated 28 March 1961 ("the Act") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Date of expiry..... DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Part II paragraph 4 (1) of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 1,510 cubic metres per day from Castle Carr Reservoir to the Luddenden Dean Beck at National Grid Reference SE 023 300 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the Warley Moor Reservoir stocks are below its Drought Control Line as defined in Appendix 5 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 1,000 cubic metres per day from Castle Carr Reservoir to the Luddenden Dean Beck at National Grid Reference SE 023 300 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Part II paragraph 4 (1) of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix number 1 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Castle Carr Reservoir to Luddenden Dean Beck at National Grid Reference SE 023 300 to a rate of not less than 3,019 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the Luddenden Dean Beck shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 023 300, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. BACK WHARF STREET CSO discharging at National Grid Reference SE 06225 23620
ROCHDALE CANAL CSO discharging at National Grid Reference SE 06405 23627
WHARFE HOUSE CSO discharging at National Grid Reference SE 06463 23638
SOWERBY BRIDGE CSO discharging at National Grid Reference SE 07240 23635
COPLEY VILLAGE NO 2 SPS discharging at National Grid Reference SE 08466 555676
HALIFAX COPLEY STW discharging at National Grid Reference SE 09220 22290
- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. **FURTHER CONDITIONS**

- 3.1 Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such restrictions remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report – South West Area Upper Calder Reservoirs', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Warley Moor Reservoir Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 and 1.2 through the range of flows up to the maximum authorised under Part II Paragraph 4 (1) of the 1961 Calderdale Water Board Order. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of Condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Warley Moor Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs: Upper Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Upper Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Calder 3

The Water Company or the Agency may deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 are the downstream reach or reaches where monitoring is required, in accordance with Water Company Environmental Monitoring Plan South West Area Upper Calder dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the water company.

APPENDIX 1 **ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE**

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow from Castle Carr Reservoir (Warley Moor) to the Luddenden Dean Beck is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1, or 2.2.2 the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Luddenden Brook 1: 500m between National Grid References SE 02223 29519 to SE 02248 29158 • Calder 3: 500m located between National Grid References SE 0693 2371 to SE 0722 2365
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> • Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>



Drought Permit – modify existing impoundment

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
Western House
Halifax Road
Bradford
West Yorkshire
BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies impoundment licence serial number NE 027/0012/032 dated 1 May 2018 ("the licence") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
Job title (e.g. Area Director)

Date of issue.....DD MONTH YYYY

Date effectiveDD MONTH YYYY

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of expiryDD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

- 1.1 Unless condition 1.2 applies condition 4.1 of the licence is substituted with the following:

Subject to condition 1.2 of this drought permit, the water company shall make a uniform and continuous release of compensation flow of not less than 1,620 cubic metres per day from January to September inclusive from Widdop Reservoir to Graining Water (Hebden Water) at National Grid Reference SD 937 327 or other location as agreed in writing by the Agency.

Unless condition 1.2 applies condition 4.2 (ii) of the licence is substituted with the following:

If the volume of water in Widdop Reservoir is equal to or less than 1,385,360 cubic metres, the water company shall make a uniform and continuous release of compensation flow of not less than 3,240 cubic metres per day from October to December inclusive from Widdop Reservoir to Graining Water (Hebden Water) at National Grid Reference SD 937 327 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

- 1.2 Conditions 4.1 and 4.2 (ii) of the licence is substituted with the following:

If the Widdop Reservoir stocks are below its Drought Control Line as defined in the Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 1,070 cubic metres per day from January to September inclusive or 2,140 cubic metres per day from October to December inclusive from Widdop Reservoir to Graining Water (Hebden Water) at National Grid Reference SD 937 327 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

- 1.3 Conditions 4.1 and 4.2 (ii) of the licence shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

- 2.1 The water company shall undertake the monitoring as set out in Appendix numbers 1& 2 attached to this permit.

- 2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

- 2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

- 2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Widdop Reservoir to Graining Water (Hebden Water) at National Grid Reference SD 937 327 to a rate of not less than 3,240 cubic metres per day from January to September inclusive or 12,960 cubic metres per day from October to December inclusive if the volume of water in Widdop Reservoir is equal to or less than 1,385,360 cubic metres then 6,500 cubic metres per day should be released, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the Graining Water (Hebden Water) shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

- 2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SE 937 327, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. Salem Cricket Ground CSO discharging at National Grid Reference SD 99204 28057
- Crow Nest Bridge CSO discharging at National Grid Reference SD 99587 26845
- Princess Bridge No 2 CSO discharging at National Grid Reference SD 99470 26932
- Back Wharf Street CSO discharging at National Grid Reference SE 06225 23620
- Rochdale Canal CSO discharging at National Grid Reference SE 06405 23627
- Wharfe House CSO discharging at National Grid Reference SE 06463 23638

Sowerby Bridge CSO discharging at National Grid Reference SE 07240
23635

Copley Village No 2 SPS discharging at National Grid Reference SE08466
55676

Halifax Copley STW discharging at National Grid Reference SE 09220
22290

- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. FURTHER CONDITIONS

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such bans remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report – South West Area Upper Calder Reservoirs', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the Widdop Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 and 1.2 through the range of flows up to the maximum authorised under Licence No. NE 027/0012/032 dated 1 May 2018. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish).

For the purpose of condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to the fact that this is in regard to the Widdop Reservoir Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs Upper Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Hebden Water 1
- Calder 2
- Calder 3

The Water Company or the Agency may deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 and 2 are the downstream reach or reaches where monitoring is required, in accordance with Water Company Environmental Monitoring Plan South West Upper Calder Area dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the Water Company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow to Graining Water (Hebden Water) from Widdop Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The Water Company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 or 2.2.2, the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Graining Water 1: 500m between SD 9372 3283 to SD 9400 3251 • Graining Water 2: 500m between SD 9536 3120 to SD 9584 3133 • Hebden Water 1: 500m between SD 9728 3089 to SD 9714 3042 and 150m from SD 97257 29937 to SD 97317 29814 and 40m from SD 99270 27355 to SD 99248 27324 • Calder 2: 500m between SD 9986 2664 to SE 0040 2647 • Calder 3: 500m between SE 0693 2371 to SE 0722 2365
Survey Results	<p>At the same time each week for the duration of the drought permit, the Water Company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <p>i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk</p> <p>Note: a calendar week is a period of 7 consecutive days beginning on a Monday.</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all the costs associated with this monitoring program.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>



Drought Permit – modify existing abstraction

Section 79A Water Resources Act 1991 as amended by the Environment Act 1995

The Environment Agency ("the Agency") grants this drought permit to:

Yorkshire Water Services Limited ("the water company")
 Western House
 Halifax Road
 Bradford
 West Yorkshire
 BD6 2SZ

Registered Company Number: 02366682

This drought permit modifies paragraph 23 (1) of the 1890 Morley Corporation Act dated 1890 ("the Act") as set out in the Schedule of Conditions to this drought permit.

This drought permit commences from the effective date shown below and shall remain in force until the date of expiry shown below.

All other provisions of the licence remain in full force and effect.

Signed Type name
 Job title (e.g. Area Director)

Date of issue.....DD MONTH YYYY

Date effective DD MONTH YYYY

Environment Agency
 Lateral House
 8 City Walk
 Leeds
 LS11 9AT

Date of expiry.....DD MONTH YYYY

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Paragraph 23 (1) of the Act is substituted with the following:

Unless condition 1.2 of this drought permit applies, the water company shall make a uniform and continuous release of compensation flow of not less than 1,320 cubic metres per day from Withens Clough Reservoir to the Elphin Brook and Turvin Clough at National Grid Reference SD 986 232 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.2 If the regional reservoir stocks are below the regional Drought Control Line as defined in section 2 of the draft Yorkshire Water Drought Plan for a period of more than four consecutive weeks then the water company shall make a uniform and continuous release of compensation flow of not less than 870 cubic metres per day from Withens Clough Reservoir to the Elphin Brook and Turvin Clough at National Grid Reference SD 986 232 or other location as agreed in writing by the Agency.

A day means any period of 24 consecutive hours reckoned from 9.00am.

1.3 Paragraph 23 (1) of the act shall cease to have effect between [DATE] and [DATE] inclusive.

Measurement and recording conditions.

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The water company shall undertake the monitoring as set out in Appendix number 1 attached to this permit.

2.2 If the monitoring identifies signs of environmental distress, the following actions shall be undertaken by the water company:

2.2.1 (i) upon finding any signs of environmental problems the water company shall notify the Agency in writing and by telephone on 0800 80 70 60 and shall provide details of the signs of distress and the location;

(ii) the water company shall undertake a remedial course of action to address the signs of environmental problems, as directed in writing by the Agency.

2.2.2 If, upon being notified of any signs of environmental problems in accordance with condition 2.2.1(i), the Agency gives written notice that there is a disruption to the ecology, the water company shall increase compensation flow from Withens Clough Reservoir to Elphin Brook and Turvin Clough at National Grid Reference SD 986 232 to a rate of not less than 2,637 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The increase in compensation flow to the Elphin Brook shall continue until the Agency serves a subsequent written notice stating that the reduction in compensation flow in accordance with conditions 1.1 and 1.2 of this drought permit may be resumed.

2.3 The changes to the compensation water specified in conditions 1.1, 1.2 and 2.2.2 of this drought permit shall be made in a steady and controlled manner at a rate so as not to cause any flooding of land or disturbance to water users downstream or any adverse effects on the quality of water in the inland water or any adverse impacts on the ecology of the inland water or dependent ecosystems.

2.4 **Temporary Flow Adjustments**

If, upon being notified by the Agency, or upon discovering through environmental monitoring, or other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan South West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as agreed in writing by the Agency, at National Grid Reference SD 986 232, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows (CSOs) and Wastewater Treatment Works (WwTWs)**

The additional monitoring and maintenance activities, specified in the (2025) *Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan* and the (2025) *Wastewater Treatment Works Optimisation and Maintenance for Drought Plan*, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. BACK WHARF STREET CSO discharging at National Grid Reference SE 06225 23620
ROCHDALE CANAL CSO discharging at National Grid Reference SE 06405 23627
WHARFE HOUSE CSO discharging at National Grid Reference SE 06463 23638
SOWERBY BRIDGE CSO discharging at National Grid Reference SE 07240 23635
COPLEY VILLAGE NO 2 SPS discharging at National Grid Reference SE 08466 555676
HALIFAX COPLEY STW discharging at National Grid Reference SE 09220 22290
- ii. As agreed in writing by the Agency, any combined sewer overflow assets not identified in Appendix A, but subsequently deemed by the Water Company or the Agency to risk adverse impact to a watercourse while compensations flows are reduced.

3. **FURTHER CONDITIONS**

3.1 Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon unless the Water Company has imposed Temporary Use Ban restrictions from Yorkshire Water Services 2022 Drought Plan for the Grid Resource Zone, and such restrictions remain in force.

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the licence.

REASONS FOR MODIFICATIONS AND CONDITIONS

Mitigation

Condition 2 of this drought permit has been included to mitigate against any environmental problems that may be caused by or affected by the Water Company reducing compensation flows.

The Agency will take into consideration any other actions the Water Company are taking or plan to take in order to mitigate effects on the environment, such as mitigation actions identified in their 'Drought Plan: Environmental Assessment Report – South West Area Reservoirs Upper Calder', July 2025.

For the purpose of condition 2.2.1 the Water Company shall notify the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Withens Clough Drought Permit.'

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1.1 and 1.2 through the range of flows up to the maximum authorised under Paragraph 23 (1) of the 1890 Morley Corporation Act. The 'In Drought Mitigation Options' of Yorkshire Water's Environmental Monitoring Plan identifies these alterations in flows in the context of this drought permit as;

IDMIT_E1 Gradual or temporary adjustments to abstraction or compensation flows to prevent stranding, displacement, or stress in sensitive aquatic species (e.g. fish, macroinvertebrates, white-clawed crayfish)

For the purpose of Condition 2.4, the Water Company shall, prior to making any increase in compensation flows, first seek agreement of the Agency via email to: drought.yorkshire@environment-agency.gov.uk and by telephone on 0800 80 70 60 and make reference to that fact that this is in regard to the 'Withens Clough Drought Permit.'

Combined Sewer Overflows (CSO's)

Condition 2.5 identifies the CSO assets where the risk of adverse impact has been established. The implementation of the measures detailed in this plan are referred to as **IDMON_WSWQ2** CSO Monitoring in the South West Reservoirs: Upper Calder Environmental Impact Assessment dated July 2025.

The reach of watercourse identified as at risk of adverse impact through the CSO's detailed in Condition 2.5 are defined in the South West Reservoirs: Upper Calder Environmental Impact Assessment dated July 2025 which, in the context of this licence is:

- Calder 3

The Water Company or the Agency may deem it necessary to implement the monitoring and maintenance measures on CSO assets that are not listed in the above mentioned plan. Condition 2.5 (ii) provides for this possibility.

Monitoring Locations

The Monitoring Locations referred to in Appendix 1 are the downstream reach or reaches where monitoring is required, in accordance with Water Company Environmental Monitoring Plan South West Upper Calder Area dated July 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

IMPORTANT NOTES**Temporary Use ban**

You must follow your 2022 drought plan and implement a Temporary Use Ban (under sections 76 and 76A – C of the Water Industries Act 1991) before using the powers granted by this permit, unless the Agency agrees that such ban is not necessary due to the circumstances at the time.

Environmental Monitoring Plan

The conditions and monitoring incorporated on this permit is in addition to the Environmental Monitoring Plan agreed between the Agency and the water company.

APPENDIX 1

ENVIRONMENTAL MONITORING SCHEDULE: STANDARD SCHEDULE

Assessment Type	<p>Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.</p> <p>The Water Company shall discuss and agree with the Agency any proposed changes to this monitoring schedule in advance of carrying out any of the survey work.</p>
Duration of Monitoring	<p>The environmental monitoring surveys shall take place from the first day that the total compensation flow from Withens Clough Reservoir to Elphin Brook and Turvin Clough is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed by the Environment Agency.</p>
Environmental Distress	<p>The following are suggested signs of environmental problems but are not exhaustive. If advice is required then the Agency can be contacted on 0800 80 70 60.</p> <ul style="list-style-type: none"> • Fish in distress, for example gasping at the surface or leaping out of the water. • Dead fish. • Concentration of fish in restricted areas/pools which could increase susceptibility to predation. • Inhibition of movement of fish past river structures or other barriers. • Reduced habitat availability for adult and juvenile life stages (including spawning/nursery areas). • Reduced depth of flow over brown trout redds. • Signs of polluting discharges during walkover surveys, problems exacerbated during lower flows and/or reduced dilution. • Algal blooms. • Establishment and/or expansion of invasive non-native species.
Monitoring Method & Standard of Assessment	<p>The water company shall measure and record the following information. For all environmental problems identified:</p> <ul style="list-style-type: none"> • The location of the site of environmental problems observed. • A photo or photos should be taken of any signs of environmental distress. • Weather conditions at the time of the observations. • Dissolved oxygen concentration • Ammonium concentration <p>Where relevant to the environmental problem observed:</p> <ul style="list-style-type: none"> • Approximate number of dead fish. • Any signs of damage or disease. • Approximate number of fish in distress, gasping at the surface or leaping out of the water. • Whether the fish are being stranded in shallow pools. • Depth of water over brown trout redds • Description of structures and stretches of any watercourses that have no flow or significantly reduced flow. • Approximate size of the fish affected. • The species affected. • Signs of pollution. • Presence of algal blooms/scums. • Species, location and extent of invasive non-native species.

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1, or 2.2.2 the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental distress are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	<ul style="list-style-type: none"> • Cragg Brook T1: 500m between National Grid References SD 9957 2319 to SD 9999 2321 • Cragg Brook 1: 500m between National Grid Reference SD 9999 2321 to SE 0026 2353 • Calder 3: 500m located between National Grid References SE 0693 2371 to SE 0722 2365
Survey Results	<p>At the same time each week for the duration of the Drought Permit, the water company shall provide to the Environment Agency in the form of a calendar week report, the following details:</p> <ul style="list-style-type: none"> • Monitoring data as required from Condition 2.1, <p>The report shall be sent to drought.yorkshire@environment-agency.gov.uk Note: a calendar week is a period of 7 consecutive days beginning on a Monday</p>
Responsibility	<p>Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring programme.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.</p>