

Environment Agency Reference:	
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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 22 (1) of The Burely-in-Wharfdale Urban District Water Act 1899 (“the Act”) as set out in the Schedule 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 Act remain in full force and effect.

Signed

Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Paragraph 22 (1) of the Act is substituted with the following:

Unless condition 2.2.2 or 2.4 apply:

(i) subject to 1.1(ii) below, the Water Company shall make a uniform and continuous release of compensation flow of not less than 42.5 cubic metres per day from Carr Bottom Reservoir to the Carr Beck at National Grid Reference SE 14732 44559 (or such other location as agreed in writing by the Agency).

(ii) if the regional reservoir stocks are below the Regional Drought Control Line as defined in the Yorkshire Water Services 2022 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 28 cubic metres per day from Carr Bottom Reservoir to the Carr Beck at National Grid Reference SE 14732 44559 (or such other location as agreed in writing by the Agency).

'Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

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

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The Water Company shall undertake the monitoring as set out in Appendix 1.

2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species, 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) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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), or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall increase compensation flow from Carr Bottom Reservoir to Carr Beck at National Grid Reference SE 14732 44559 to a rate of not less than 85 cubic metres per day, or such lesser quantity if agreed in writing by the Agency.

The Water Company shall commence the stated compensation flows as soon as possible and within 48 hours of receipt of written notification from the Agency.

The Water Company shall not thereafter reduce the compensation flow to that specified in condition 1.1 until it has confirmed in writing that appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation flow specified in conditions 1.1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall increase compensation flow at a time, to a rate and for such duration as specified in writing by the Agency, at National Grid Reference SE 14732 44559, or such other location as agreed in writing by the Agency.

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.

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 Carr Beck from Carr Bottom 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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, 2.2.2 or 2.4, 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	Carr Beck between SE 16017 44642 and SE 16310 44972. Carr Beck between SE 18018 45073 and SE 18473 45294
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 programme.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>

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 –North West Area Reservoirs', May 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 'Carr Bottom 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 Paragraph 22 (1) of the The Burely-in-Wharfedale Urban District Water Act 1899. 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 Carr Bottom 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 Environmental Monitoring Plan North West Area dated May 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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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 authorises the Water Company to impound water pursuant to Licence No. NE/027/0016/021 (“the Licence”) but with the provisions of that Licence suspended and/or modified as set out in the Schedule 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
Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....

Date effective

Date of expiry.....

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Condition 4.1 and 4.2 of the licence is substituted with the following:

Unless Condition 2.2.2 or 2.4 of this drought permit applies:

- (i) Subject to 1.1(ii) below, the Water Company shall make a uniform and continuous release of compensation flow of not less than 1,800 cubic metres per day from Doe Park Reservoir to Denholme Beck at National Grid Reference SE 07779 34112 (or such other location as agreed in writing by the Agency).
- (ii) If the regional reservoir stocks are below the Regional Drought Control Line as defined in the Water Company's 2022 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 1,200 cubic metres per day from Doe Park Reservoir to Denholme Beck at National Grid Reference SE 07779 34112 (or other such location as agreed in writing by the Agency).

'Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

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

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The Water Company shall undertake the monitoring as set out in Appendix 1.

2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species, 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 as soon as practically possible 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) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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), or at its own instigation, the Agency gives written notice that there is a disruption to the ecology the Water Company shall increase compensation flow from Doe Park Reservoir to Denholme Beck at National Grid Reference SE 07779 34112 to a rate of not less than 3,600 cubic metres per day, or such lesser quantity as may be agreed in writing by the Agency.

The Water Company shall commence the stated compensation flows as soon as possible and within 48 hours of receipt of written notification from the Agency.

The Water Company shall not reduce compensation flows back to those specified in condition 1.1 until the Water Company has confirmed in writing that appropriate

remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation water specified in conditions 1.1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall vary compensation flow at a time, to a rate and for such duration as specified in writing by the Agency, and release from Doe Park Reservoir to Denholme Beck at National Grid Reference SE 07779 34112 (or other location as agreed in writing by the Agency).

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.

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 Denholme Beck from Doe Park 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.

	<ul style="list-style-type: none"> • 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, 2.2.2 or 2.4 the day after and then weekly thereafter until no further flow changes are made. If no signs of environmental problems are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	Denholme Beck between SE 07612 34330 to SE 07435 34742. Harden Beck between SE 10100 38598 to SE 10500 38455
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 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>

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 – North West Area Reservoirs', May 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 'Doe Park 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 through the range of flows up to the maximum authorised under Licence No. NE/027/0016/021. 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 'Doe Reservoir Drought Permit.'

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.



Drought Permit – modify existing Compensation Flow

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 1854 Shipley Waterworks and Police (Eldwick) Act, dated 3 July 1854 ("the Act") to impound water and is required to operate in accordance with the provisions of the Act. This drought permit suspends and/or modifies the provisions of the Act 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 Act shall remain in full force and effect.

Signed

Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

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

Unless 2.2.2 or 2.4 of this permit applies:

(i) subject to 1.1 (ii) below, the Water Company shall make a uniform and continuous release of compensation flow of not less than 500 cubic metres per day from Eldwick Reservoir to the Eldwick Beck at National Grid Reference SE 12227 41189 or such other location as agreed in writing by the Agency.

ii) if the regional reservoir stocks are below the Regional Drought Control Line as defined in Yorkshire Water Services 2022 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 330 cubic metres per day from Eldwick Reservoir to the Eldwick Beck at National Grid Reference SE 12227 41189 or such other location as agreed in writing by the Agency.

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

'Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The Water Company shall undertake the monitoring as set out in Appendix 1.

2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species, 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 as soon as practically possible 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) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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) or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall increase compensation flow from Eldwick Reservoir to Eldwick Beck at National Grid Reference SE 12227 41189 to a rate of not less than 1,000 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The Water Company shall commence the increased compensation flows as soon as possible but in any event within 48 hours of receipt of written notification from the Agency.

The Water Company shall not thereafter reduce the maintained flows to those specified in condition 1 until the water company has confirmed in writing that appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation flows specified in conditions 1.1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall increase compensation flow at a time, to a rate and for a duration, as specified by the Agency, at National Grid Reference SE 12227 41189, or other location as specified in writing by the Agency.

2.5 **Combined Sewer Overflows**

The additional monitoring and maintenance activities, specified in the Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan 2022, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i. Gilstead Lane 128/CSO discharges into Loadpit Beck at National Grid Reference SE12835 39264
Saltaire Road/No 2 CSO discharges into Loadpit Beck at National Grid Reference SE 12817 40140
- ii. 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.

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 Eldwick Beck from Eldwick Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed in writing 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <p>Species, location and extent of invasive non-native species.</p>

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	Eldwick Beck between SE 12633 40449 and SE 12887 40077
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>

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the drought 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 –North West Area Reservoirs', May 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 'Eldwick 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 and including the maximum authorised under Paragraph X of the 1854 Shipley Waterworks and Police (Eldwick) Act, dated 3 July 1854'. 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 Eldwick 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 Environmental Monitoring Plan North West Area dated May 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

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 North West Reservoirs Environmental Impact Assessment dated May 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 North West Reservoirs Environmental Impact Assessment dated May 2025 which, in the context of this drought permit is:

- Loadpit Beck 1

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.

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.

DRAFT



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 authorises the Water Company to impound water pursuant to section 7 of the Skipton Water and Improvement Act 1904, (“the Act”) but with section 8(1)(A) suspended and/or modified as set out in the Schedule 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 Act remain in full force and effect.

Signed
Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Section 8(1) (A) of the Act is substituted with the following:

Subject to conditions 2.2.2 and 2.4 of this drought permit:

(i) Subject to 1.1(ii) below the Water Company shall make a uniform and continuous release of compensation flow of not less than 593 cubic metres per day from Embsay Reservoir to the Embsay Beck at National Grid Reference SE 00082 54459 (or such other location as agreed in writing by the Agency).

(ii) If the regional reservoir stocks are below the Regional Drought Control Line as defined in the Yorkshire Water 2022 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 395 cubic metres per day from Embsay Reservoir to the Embsay Beck at National Grid Reference SE 00082 54459 (or such other location as agreed in writing by the Agency).

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

'Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The Water Company shall undertake the monitoring as set out in Appendix 1.

2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species, 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 as soon as practically possible 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) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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), or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall increase the compensation flow from Embsay Reservoir to the Embsay Beck at National Grid Reference SE 00082 54459 to a rate of not less than 1,186 cubic metres per day, or such lesser quantity as may be agreed in writing by the Agency.

The Water Company shall increase the stated compensation flow as soon as possible and within 48 hours of receipt of written notification from the Agency.

The Water Company shall not thereafter reduce the compensation flow to that specified in condition 1 until the Water Company has confirmed in writing that

appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation flow specified in conditions 1.1, 2.2.2 and 2.4 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, 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall increase compensation flow at a time, to a rate and for such duration as specified in writing by the Agency, at National Grid Reference SE 00082 54459, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows**

The additional monitoring and maintenance activities, specified in the Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan 2022, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i) Carleton Road Skipton CSO, which discharges to the Eller Beck at National Grid Reference SD 98444 50748,
- 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.

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 compensation flow is implemented under condition 1.1 of 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <p>Species, location and extent of invasive non-native species.</p>

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1 and 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	<ol style="list-style-type: none"> 1. 500m located within SD 98429 50828 to SD 98471 50315 2. 500m located within SD 99208 52179 and SD 98947 51940 2. 500m located within SE 00302 53934 to SE 00539 53768 3. 500m located within SE 00366 53111 to SD 99764 52911
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 style="padding-left: 40px;">i) Monitoring data as required from Condition 2.1,</p> <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>

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 'Drought Plan: Environmental Assessment Report –North West Area Reservoirs', May 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 'Embsay 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 and including the maximum authorised under the section 8(1)(A) of the Skipton Water and Improvement Act 1904. 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 Embsay 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 Environmental Monitoring Plan North West Area dated May 2025, respectively termed **IDMON_WSE** Surveillance walkover surveys of habitat quality and ecological stress, recording signs of environmental problems.

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 North West Reservoirs Environmental Impact Assessment dated May 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 North West Reservoirs Environmental Impact Assessment dated May 2025 which, in the context of this licence is:

- Eller Beck 1

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.

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.

DRAFT



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 authorises the Water Company to impound water pursuant to Licence No. NE/027/0019/011 (“the Licence”), which varied an authorisation to impound water contained in the Bradford Waterworks Act 1854 and the Yorkshire Water Authority (Grimwith Reservoir) Order 1974, but with the provisions of that Licence suspended and/or modified as set out in the Schedule 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

Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

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

Unless Condition 2.2.2 or 2.4 of this permit applies:

- (i) Subject to 1.1(ii) below (and provided that the drought permit has not expired), the Water Company shall make a uniform and continuous release of compensation flow in accordance with table 1 below from Grimwith Reservoir to the River Dobb at National Grid Reference SE 05770 63936 (or such other location as agreed in writing by the Agency).

Table 1.

Period	Compensation flow (mega-litres per day)
1 January to 19 April inclusive	7.55
20 April to 10 May inclusive	3.90
11 May to 11 October inclusive	1.9
12 October to 31 October inclusive	3.9
1 November to 31 December inclusive	7.55

- (ii) If the regional reservoir stocks are below the Regional Drought Control Line as defined in the Water Company's 2022 Drought Plan for a period of more than four consecutive weeks then, provided that this drought permit has not expired, the Water Company shall make a uniform and continuous release of compensation flow in accordance with table 2 below from Grimwith Reservoir to the River Dobb measured at the weir at National Grid Reference SE 05770 63936 (or other such location as agreed in writing by the Agency).

Table 2.

Period	Compensation flow (mega-litres per day)
1 January to 19 April inclusive	5.03
20 April to 10 May inclusive	2.60
11 May to 11 October inclusive	1.27
12 October to 31 October inclusive	2.60
1 November to 31 December inclusive	5.03

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

'Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

2. ENVIRONMENTAL MONITORING AND MITIGATION

- 2.1 The Water Company shall undertake the monitoring as set out in Appendix 1.
- 2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species 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) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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), or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall increase the compensation flow from Grimwith Reservoir to the River Dobb at National Grid Reference SE 05770 63936 in accordance with table 3 below, or such lesser quantity as may be agreed in writing by the Agency.

Table 3.

Period	Compensation flow (mega-litres per day)
1 January to 19 April inclusive	15.10
20 April to 10 May inclusive	7.80
11 May to 11 October inclusive	3.80
12 October to 31 October inclusive	7.80
1 November to 31 December inclusive	15.10

The Water Company shall commence the stated compensation flows as soon as possible and within 48 hours of receipt of written notification from the Agency.

The Water Company shall not thereafter reduce the compensation flows to that specified in condition 1 until it has confirmed in writing that appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation flows specified in conditions 1.1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall increase compensation flow at a time, to a rate and for such duration as specified in writing by the Agency, at National Grid Reference SE 05770 63936 (or other location as agreed in writing by the Agency).

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.

DRAFT

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 Dibb from Grimwith 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <p>Species, location and extent of invasive non-native species.</p>
Frequency of monitoring	<p>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</p>

	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	River Dibb between National Grid References SE 05289 63263 and SE 04947 62629
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 programme.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>

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 –North West Area Reservoirs', May 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 'Grimwith 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 and including the maximum authorised under licence number NE/027/0019/011. 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 'Grimwith 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 Environmental Monitoring Plan North West Area dated May 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.

DRAFT



Drought Permit – modify existing Compensation Flow

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 Bradford Waterworks Act 1854 dated 3rd July 1854 (“the Act”) to impound water and is required to operate in accordance with the provisions of the Act. This drought permit suspends and/or modifies the provisions of the Act 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 Act remain in full force and effect.

Signed

Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

Paragraph LXXIV of the Act is substituted with the following:

Unless Condition 2.2.2 or 2.4 of this drought permit applies:

- i) Subject to 1.1(ii) below, the Water Company shall make a uniform and continuous release of compensation flow of not less than 3,150 cubic metres per day from Hewenden Reservoir to Hewenden Beck at National Grid Reference SE 07400 35600 (or such other location as agreed in writing by the Agency).
- ii) If the regional reservoir stocks are below the Regional Drought Control Line as defined in the Yorkshire Water Services 2022 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 2,100 cubic metres per day from Hewenden Reservoir to Hewenden Beck at National Grid Reference SE 07400 35600 or other location as agreed in writing by the Agency.

'Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

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

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The Water Company shall undertake the monitoring as set out in Appendices 1.

2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species, 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) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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), or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall increase compensation flow from Hewenden Reservoir to Hewenden Beck at National Grid Reference SE 07400 35600 to a rate of not less than 6,300 cubic metres per day, or a lesser quantity as may be agreed in writing by the Agency.

The Water Company shall commence the increased compensation flows as soon as possible but in any event within 48 hours of receipt of written notification from the Agency.

The Water Company shall not reduce compensation flow to that specified in Condition 1 until it has confirmed in writing that appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation water specified in conditions 1.1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall increase flow at a time, to a rate and for a duration, as specified in writing by the Agency, at National Grid Reference SE 07779 34112, or other location as specified in writing by the Agency.

2.5 **Combined Sewer Overflows**

The additional monitoring and maintenance activities, specified in the Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan 2022, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i) Baildon Coach Rd/CSO discharging to the River Aire at National Grid Reference SE 14064 38230
- Brighton Street/CSO discharging into the River Aire at National Grid Reference SE 14960 38030
- Coach Road Baildon/CSO discharging into the River Aire at National Grid Reference SE 14460 38140
- Dockfield Road/CSO discharging into the River Aire at National Grid Reference SE 015189 37959
- Dockfields/CSO discharging into the River Aire at National Grid Reference SE 15452 38090
- Esholt Lane/NO 2 CSO discharging into the River Aire at National Grid SE 17270 39570
- Green Lane 125/CSO discharging into the River Aire at National Grid SE 14461 38146
- Green Lane Junction/2 discharging into the River Aire at National Grid SE 14810 38038
- Higher Coach Rd/NO 2 discharging into the River Aire at National Grid SE 13998 38241
- Hird Street/NO 2 CSO discharging into the River Aire at National Grid SE 14687 37916
- Metal Box/CSO discharging into the River Aire at National Grid SE 15830 38500
- Midland Road/CSO discharging into the River Aire at National Grid SE 15730 38486
- South Station Road/ CSO discharging into the River Aire at National Grid SE 15680 39160
- Towngate/NO 2 CSO discharging into the River Aire at National Grid SE 15483 39698
- Victoria Road Shipley/CSO discharging into the River Aire at National Grid SE 14051 38209
- Victoria Terrace/CSO discharging into the River Aire at National Grid SE 14051 38209

Esholt Lane 291/CSO discharging into the River Aire at National Grid Reference SE 17928 40126

Bradford Esholt/NO 2 STW CSO discharging into the River Aire at National Grid Reference SE 18480 39830

Bradford Esholt/ NO 2STW CSO discharging into the River Aire at National Grid Reference SE 18480 39820

- ii) 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.

FURTHER CONDITIONS

3.

- 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.

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 Hewenden Reservoir to Hewenden Beck is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed in writing 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <ul style="list-style-type: none"> • 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"> • Harden Beck 1 between SE 10100 38598 to SE 10500 38455 • Aire 1 between SE 13123 38376 and SE 13675 38239. • Aire 2 between SE 17481 39782 to SE 18025 40113.
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>

ADDITIONAL INFORMATION

Note: the following information is provided for information only. It does not form part of the drought 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 –North West Area Reservoirs', May 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 'Hewenden 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 the Bradford Waterworks Act 1854. 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 'Hewenden 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 North West Reservoirs Environmental Impact Assessment dated May 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 North West Reservoirs Environmental Impact Assessment dated May 2025 which, in the context of this drought permit is:

- Aire 1
- Aire 2

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 North West Area dated May 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.



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 authorises the Water Company to impound water pursuant to Licence No. NE 027/0014/010 ("the Licence") but with provisions of that Licence is suspended and/or modified as set out in the Schedule 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
Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

Date of issue.....

Date effective

Date of expiry.....

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

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

Subject to conditions 1.2, 1.3, 1.4, 1.5, 1.6, (dependant on individua control within the reservoirs), 2.2.2 and 2.4, the Water Company shall release water from Leeming Reservoir created by the works so as to maintain a flow of no less than 2 megalitres per day in Leeming Water immediately downstream of the works. This flow shall be known as the 'Option 1 Compensation Flow'.

1.2 Condition 4.2 of the Licence is substituted with the following:

Subject to condition 1.3, 2.2.2 and 2.4, if the Option 1 Compensation flow under conditions 1.1 and 1.2 of Leeshaw Drought Permit number (INSERT PERMIT NUMBER) decreases from no less than 2 megalitres per day to no less than 1.38 megalitres per day, the release from Leeming Reservoir shall increase to no less than 2.63 megalitres per day.

1.3 Condition 4.3 of the Licence is substituted with the following:

At all times when the Water Company uses the gauge in condition 4.4 of Licence NE/027/0014/010 in Leeming Reservoir to measure the distance between the level of water therein and the top water level of 254.96 metres above Ordnance Datum (Newlyn):

If the Option 1 Compensation flow under conditions 1.1 and 1.2 of the Leeshaw Drought Permit number (INSERT PERMIT NUMBER) decreases from no less than 2 megalitres per day to no less than 1.38 megalitres per day.

AND

the said distance as gauged on any Monday equals or exceeds the value shown in column 2 of the table below, as relates to the number of that Monday in column 1,

the quantity of water that the Water Company shall release from Leeming Reservoir to Leeming Water on each subsequent day shall reduce from no less than 2 megalitres per day to no less than 1.63 megalitres per day, until the said distance on any subsequent Monday is equal to or less than the value in column 3 of the table below as relates to the number of that Monday in column 1, whereupon condition 1.1 shall apply. The first Monday in each calendar year is numbered 1 and each subsequent Monday is numbered consecutively thereafter.

Column 1	Column 2	Column 3	Column 1	Column 2	Column 3
1	5.02	4.56	28	2.88	2.52
2	4.66	4.22	29	3.11	2.74
3	4.32	3.89	30	3.35	2.96
4	3.99	3.58	31	3.59	3.19
5	3.67	3.27	32	3.83	3.43
6	3.25	2.87	33	4.09	3.67
7	2.78	2.42	34	4.35	3.92
8	2.33	1.99	35	4.61	4.17
9	1.90	1.57	36	4.90	4.44
10	1.61	1.28	37	5.21	4.74
11	1.41	1.09	38	5.53	5.04
12	1.21	0.90	39	5.87	5.36
13	1.02	0.71	40	6.21	5.69
14	0.86	0.55	41	6.21	5.69
15	0.91	0.60	42	6.21	5.69
16	0.96	0.65	43	6.21	5.69
17	1.02	0.70	44	6.21	5.69
18	1.07	0.75	45	6.14	5.62
19	1.22	0.91	46	6.02	5.50
20	1.40	1.08	47	5.89	5.39
21	1.57	1.25	48	5.77	5.27
22	1.75	1.42	49	5.64	5.15
23	1.93	1.60	50	5.49	5.00
24	2.11	1.77	51	5.34	4.86
25	2.29	1.94	52	5.19	4.72
26	2.47	2.12	53	5.02	4.56
27	2.66	2.30			

- 1.4 Subject to conditions 1.5, 1.6, 2.2.2 and 2.4, if the regional reservoir stocks are below the Regional Drought Control Line as defined in section 2.1 of the Yorkshire Water Services 2022 Drought Plan for a period of more than four consecutive weeks then the Water Company shall release water from Leeming Reservoir created by the works so as to maintain a flow of no less than 1.33 megalitres per day in Leeming Water immediately downstream of the works. This flow shall be known as the 'Option 2 Compensation Flow'.

Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

- 1.5 Subject to condition 1.6, 2.2.2 and 2.4, if the Option 2 Compensation Flow under conditions 1.3 and 1.4 of Leeshaw drought permit number (INSERT PERMIT NUMBER) decreases from no less than 1.33 megalitres per day to no less than 0.92 megalitres per day, the release from Leeming Reservoir shall increase to no less than 1.75 megalitres per day.
- 1.6 At all times when the Water Company uses the gauge in condition 4.4 of Licence NE/027/0014/010 in Leeming Reservoir to measure the distance between the level of water therein and the top water level of 254.96 metres above Ordnance Datum (Newlyn):

If the Option 2 Compensation flow under conditions 1.3 and 1.4 of the of the Leeshaw drought permit number (INSERT PERMIT NUMBER) decreases from no less than 1.33 megalitres per day to no less than 0.92 megalitres per day

AND

the said distance as gauged on any Monday equals or exceeds the value shown in column 2 of the table in condition 1.3, as relates to the number of that Monday in column 1, the quantity of water that the Water Company shall release from Leeming Reservoir to Leeming Water on each subsequent day shall reduce from no less than 1.33 megalitres per day to no less than 1.08 megalitres per day, until the said distance on any subsequent Monday is equal to or less than the value in column 3 of the table in condition 1.3 as relates to the number of that Monday in column 1, whereupon condition 1.4 shall apply. The first Monday in each calendar year is numbered 1 and each subsequent Monday is numbered consecutively thereafter.

ENVIRONMENTAL MONITORING AND MITIGATION

- 2.1 The Water Company shall undertake the monitoring as set out in Appendices 1 and 2.
- 2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species 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 as soon as practically possible notify the Agency in writing and by telephone on 0800 80 70 60 and provide details of the signs of distress and the location;
 - (ii) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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) or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall increase compensation from Leeming Reservoir to Leeming Water at National Grid Reference SE 03698 34382 back to the Compensation Flow as provided in Condition 4.1, 4.2 and 4.3 of the Licence, or such lesser quantity as may be agreed in writing by the Agency.

The Water Company shall commence the stated compensation flows as soon as possible and within 48 hours of receipt of written notification from the Agency.

The Water Company shall not thereafter reduce compensation flows back to those specified in Condition 1 of this drought permit until the Water Company has confirmed in writing that appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.
- 2.3 The changes to the compensation flow specified in Conditions 1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 through other evidence that an increase in compensation flow is needed to support riverine ecology, as identified in the Water Company Environmental Monitoring Plan North West Area Appendix, termed IDMIT_E1, the Water Company shall increase compensation flow at a time, to a rate and for such duration as specified in writing by the Agency at, National Grid Reference SE 03698 34382, or other location as specified in writing by the Agency.

2.5 Combined Sewer Overflows

The additional monitoring and maintenance activities specified in the Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan 2022 shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan:

- i) South Street Keighley/CSO discharging into the River Worth at National Grid Reference SE 05920 40223
- Baildon Coach Rd/CSO discharging into the River Aire at National Grid Reference SE 14064 38230
- Brighton Street/CSO discharging into the River Aire at National Grid Reference SE 14960 38030
- Coach Road Baildon/CSO discharging into the River Aire at National Grid Reference SE 14460 38140
- Dockfield Road/CSO discharging into the River Aire at National Grid Reference at SE 015189 37959
- Dockfields/CSO discharging into the River Aire at National Grid Reference SE 15452 38090
- Esholt Lane/NO 2 CSO discharging into the River Aire at National Grid Reference SE 17270 39570
- Green Lane 125/CSO discharging into the River Aire at National Grid Reference SE 14461 38146
- Green Lane Junction/2 discharging into the River Aire at National Grid Reference SE 14810 38038
- Higher Coach Rd/NO 2 discharging into the River Aire at National Grid Reference SE 13998 38241
- Hird Street/NO 2 CSO discharging into the River Aire at National Grid Reference SE 14687 37916
- Metal Box/CSO discharging into the River Aire at National Grid Reference SE 15830 38500
- Midland Road/CSO discharging into the River Aire at National Grid Reference SE 15730 38486
- South Station Road/ CSO discharging into the River Aire at National Grid Reference SE 15680 39160
- Towngate/NO 2 CSO discharging into the River Aire at National Grid Reference SE 15483 39698
- Victoria Road Shipley/CSO discharging into the River Aire at National Grid Reference SE 1405 138209
- Victoria Terrace/CSO discharging into the River Aire at National Grid Reference SE 14051 38209
- Esholt Lane 291/CSO discharging into the River Aire at National Grid Reference SE 17928 40126
- Bradford Esholt/NO 2 STW CSO discharging into the River Aire at National Grid Reference SE 18480 39830
- Bradford Esholt/ NO 2STW CSO discharging into the River Aire at National Grid Reference SE 18480 39820

- ii) 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.

FURTHER CONDITIONS

3.0

Unless the Agency otherwise agree in writing, this drought permit shall not be relied upon

3.1

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.

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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 Leeming Beck from Leeming Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed in writing 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <p>Species, location and extent of invasive non-native species.</p>

Frequency of monitoring	On the day of any flow changes implemented under conditions 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"> • Bridgehouse Beck T2 between SE 03567 34403 and SE 03458 34727. • Bridgehouse Beck 1 between SE 03620 35976 and SE 03498 35618. • Worth 2 between SE 05105 38813 and SE 05304 39241 • Aire 1 between SE 13123 38376 and SE 13675 38239 • Aire 2 between SE 17481 39782 to SE 18025 40113
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</p> <p>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>

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 Leeming Beck from Leeming 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 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. 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. <p>Species, location and extent of invasive non-native species.</p>
Frequency of monitoring	On the day of any flow changes implemented under conditions 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	Bridgehouse Beck 1 & Worth 2: 10m upstream and at least 100m downstream of the Oxenhope WwTW discharge outfall at SE 03550 35670
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 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>

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 –North West Area Reservoirs', May 2025.

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1 through the range of flows up to and including the maximum authorised under NE 027/0014/010. 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 'Leeming 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 North West Reservoirs Environmental Impact Assessment dated May 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 North West Reservoirs Environmental Impact Assessment dated May 2025 which, in the context of this licence is:

- Worth 2
- Aire 1
- Aire 2

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 North West Area dated May 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.

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 'Leeming Drought Permit.'



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 authorises the Water Company to impound water pursuant to Licence No. NE 027/0014/011 (“the Licence”) but with provisions of with provisions of that Licence is suspended and/or modified as set out in the Schedule 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

Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

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

Subject to conditions 1.2, 1.3, 1.4, 2.2.2 and 2.4, the Water Company shall release water from Leeshaw Reservoir created by the works so as to maintain a flow of no less than 2 megalitres per day in Dunkirk Beck immediately downstream of the works. This flow shall be known as the 'Option 1 Compensation Flow'.

1.2 Conditions 4.2 of the Licence is substituted with the following:

At all times when the Water Company uses the gauge in condition 4.3 of licence NE/027/0014/011 in Leeshaw Reservoir to for measure the distance between the level of water therein and the top water level of 259.1 metres above Ordnance Datum (Newlyn):

If the said distance as gauged on any Monday equals or exceeds the value shown in column 2 of the table below, as relates to the number of that Monday in column 1, the quantity of water that the Water Company shall release from Leeshaw Reservoir to Dunkirk Beck on each subsequent day shall reduce to no less than 1.38 megalitres per day, until the said distance on any subsequent Monday is equal to or less than the value in column 3 of the table below as relates to the number of that Monday in column 1, whereupon condition 1.1 shall apply. The first Monday in each calendar year is numbered 1 and each subsequent Monday is numbered consecutively thereafter.

Column 1	Column 2	Column 3	Column 1	Column 2	Column 3
1	3.97	3.61	28	2.31	2.03
2	3.69	3.34	29	2.48	2.20
3	3.42	3.08	30	2.66	2.37
4	3.16	2.84	31	2.85	2.55
5	2.91	2.61	32	3.04	2.73
6	2.59	2.30	33	3.24	2.91
7	2.23	1.95	34	3.44	3.10
8	1.88	1.62	35	3.65	3.30
9	1.55	1.29	36	3.87	3.51
10	1.32	1.06	37	4.12	3.75
11	1.16	0.90	38	4.38	3.99
12	1.00	0.75	39	4.65	4.24
13	0.85	0.59	40	4.93	4.51
14	0.72	0.46	41	4.93	4.51
15	0.76	0.50	42	4.93	4.51
16	0.80	0.54	43	4.93	4.51
17	0.85	0.59	44	4.93	4.51
18	0.89	0.63	45	4.87	4.45
19	1.01	0.76	46	4.77	4.36
20	1.15	0.90	47	4.67	4.26
21	1.29	1.03	48	4.58	4.17
22	1.43	1.17	49	4.47	4.07
23	1.57	1.31	50	4.35	3.96
24	1.71	1.45	51	4.22	3.84
25	1.85	1.58	52	4.11	3.73
26	1.99	1.72	53	3.97	3.61
27	2.14	1.86			

- 1.3 Subject to conditions 1.4, 2.2.2 and 2.4, if the regional reservoir stocks are below the Regional Drought Control Line as defined in section 2.1 of the Yorkshire Water Services 2022 Drought Plan for a period of more than four consecutive weeks, then the Water Company shall release water from Leeshaw Reservoir created by the works so as to maintain a flow of no less than 1.33 megalitres per day. This flow shall be known as the 'Option 2 Compensation Flow'.

Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

- 1.4 At all times when the Water Company uses the gauge in condition 4.3 of licence NE/027/0014/011 in Leeshaw Reservoir to measure the distance between the level of water therein and the top water level of 259.1 metres above Ordnance Datum (Newlyn):

If the said distance as gauged on any Monday equals or exceeds the value shown in column 2 of the table in condition 1.2, as relates to the number of that Monday in column 1, the quantity of water that the Licence Holder shall release from Leeshaw Reservoir to Dunkirk Beck on each subsequent day shall reduce to no less than 0.92 megalitres per day, until the said distance on any subsequent Monday is equal to or less than the value in column 3 of the table in condition 1.2 as relates to the number of that Monday in column 1, whereupon condition 1.3 shall apply. The first Monday in each calendar year is numbered 1 and each subsequent Monday is numbered consecutively thereafter.

2. ENVIRONMENTAL MONITORING AND MITIGATION

- 2.1 The Water Company shall undertake the monitoring as set out in Appendices 1 and 2.
- 2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species as the following actions shall be undertaken by the water company:
- 2.2.1 (i) upon finding any signs of environmental problems the Water Company as soon as practically possible 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) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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) or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall increase compensation from Leeshaw Reservoir to Dunkirk Beck at National Grid Reference SE 01654 35157 back to the Compensation Flow as provided in Condition 4.1 and 4.2 of the Licence, or such lesser quantity as may be agreed in writing by the Agency.

The Water Company shall commence the stated compensation flows as soon as possible and within 48 hours of receipt of written notification from the Agency.

The Water Company shall not thereafter reduce compensation flows back to those specified in Condition 1 of this drought permit until the Water Company has confirmed in writing that appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation flows specified in conditions 1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall increase compensation flow at a time, to a rate and for such duration as specified in writing by the Agency, at National Grid Reference SE 01654 35157, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows**

The additional monitoring and maintenance activities, specified in the Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan 2022, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan:

- i) South Street Keighley/CSO discharging into the River Worth at National Grid Reference SE 05920 40223
- Baildon Coach Rd/CSO discharging into the River Aire at National Grid Reference SE 14064 38230
- Brighton Street/CSO discharging into the River Aire at National Grid Reference SE 14960 38030
- Coach Road Baildon/CSO discharging into the River Aire at National Grid Reference SE 14460 38140
- Dockfield Road/CSO discharging into the River Aire at National Grid Reference at SE 015189 37959
- Dockfields/CSO discharging into the River Aire at National Grid Reference SE 15452 38090
- Esholt Lane/NO 2 CSO discharging into the River Aire at National Grid Reference SE 17270 39570
- Green Lane 125/CSO discharging into the River Aire at National Grid Reference SE 14461 38146
- Green Lane Junction/2 discharging into the River Aire at National Grid Reference SE 14810 38038
- Higher Coach Rd/NO 2 discharging into the River Aire at National Grid Reference SE 13998 38241
- Hird Street/NO 2 CSO discharging into the River Aire at National Grid Reference SE 14687 37916
- Metal Box/CSO discharging into the River Aire at National Grid Reference SE 15830 38500
- Midland Road/CSO discharging into the River Aire at National Grid Reference SE 15730 38486
- South Station Road/ CSO discharging into the River Aire at National Grid Reference SE 15680 39160
- Towngate/NO 2 CSO discharging into the River Aire at National Grid Reference SE 15483 39698

Victoria Road Shipley/CSO discharging into the River Aire at National Grid Reference SE 1405 138209

Victoria Terrace/CSO discharging into the River Aire at National Grid Reference SE 14051 38209

Esholt Lane 291/CSO discharging into the River Aire at National Grid Reference SE 17928 40126

Bradford Esholt/NO 2 STW discharging into the River Aire at National Grid Reference SE 18480 39830

Bradford Esholt/ NO 2STW CSO discharging into the River Aire at National Grid Reference SE 18480 39820

- ii) 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.

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 maintained flow has to be implemented under condition 1.1 of 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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
Frequency of monitoring	<p>On the day of any flow changes implemented under conditions 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.</p>
Location of Monitoring	<ul style="list-style-type: none"> • Bridgehouse Beck T1 between SE 01874 35186 and SE 02346 35195. • Bridgehouse Beck 1 between SE 03620 35976 and SE 03498 35618. • Worth 2 between SE0510538813 and SE0530439241. • Aire 1 between SE1312338376 and SE1367538239. • Aire 2 between SE1748139782 to SE1802540113.
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 style="padding-left: 40px;">i. Monitoring data as required from Condition 2.1,</p> <p>The report shall be sent to</p>

	drought.yorkshire@environment-agency.gov.uk Note: a calendar week is a period of 7 consecutive days beginning on a Monday.
Responsibility	Unless otherwise discussed and agreed in writing, the water company will be responsible for all of the costs associated with this monitoring programme. Health and safety requirements whilst carrying out the surveys are the responsibility of the water company.

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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 maintained flow has to be implemented under condition 1.1 of 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <p>Species, location and extent of invasive non-native species.</p>

Frequency of monitoring	On the day of any flow changes implemented under conditions 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	Bridgehouse Beck 1 & Worth 2: 10m upstream and at least 100m downstream of the Oxenhope WwTW discharge outfall at SE 03550 35670
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 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>

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 –North West Area Reservoirs', May 2025.

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1 through the range of flows up to and including the maximum authorised under licence number NE 027/0014/011. 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 'Leeshaw 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 North West Reservoirs Environmental Impact Assessment dated May 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 North West Reservoirs Environmental Impact Assessment dated May 2025 which, in the context of this licence is:

- Worth 2
- Aire 1
- Aire 2

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 North West Area dated May 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.

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 'Leeshaw Drought Permit.'



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 authorises the Water Company to abstract water pursuant to Section 10 of the 1916 Yeadon Waterworks Act 1916 ("the Act") suspended and/or modified as set out in the Schedule 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 Act remain in full force and effect.

Signed

Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

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

Unless condition 2.2.2 or 2.4 of this drought permit applies:

(i) subject to 1.1(ii) below the Water Company shall make a uniform and continuous release of compensation flow not less than 396 cubic metres per day from Reva Reservoir to the Hawksworth Beck Goit at National Grid Reference SE 15267 42546 (or such other location as agreed in writing by the Agency).

(ii) if the regional reservoir stocks are below the Regional Drought Control Line as defined in the Yorkshire Water Services 2022 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 264 cubic metres per day from Reva Reservoir to the Hawksworth Beck Goit at National Grid Reference SE 15267 42546 (or such other location as agreed in writing by the Agency).

'Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

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

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The Water Company shall undertake the monitoring as set out in Appendix 1.

2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species 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 as soon as practically possible 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) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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), or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall increase compensation flow from Reva reservoir to Hawksworth Beck Goit at National Grid Reference SE 15267 42546 to a rate of not less than 791 cubic metres per day, or such lesser quantity as may be agreed in writing by the Agency.

The Water Company shall commence the stated compensation flows as soon as possible and within 48 hours of receipt of written notification from the Agency.

The Water Company shall not thereafter reduce the compensation flow to that specified in condition 1.1 until it has confirmed in writing that appropriate remedial

action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation flow specified in conditions 1.1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall increase compensation flow at a time, to a rate and for such duration as specified in writing by the Agency, at National Grid Reference SE 15267 42546, or at such other location as specified in writing by the Agency.

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.

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 Hawksworth Beck Goit from Reva 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <p>Species, location and extent of invasive non-native species.</p>

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 problems are noted from two consecutive walkover surveys no further walkover surveys are necessary until there are further flow changes.
Location of Monitoring	Jum Beck between SE 15695 42264 to SE 15238 42446
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 programme.</p> <p>Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.</p>

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 –North West Area Reservoirs', May 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 'Reva 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 Paragraph 10 of the 1916 Yeadon Waterworks (Reva) Act, dated 1916. 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 Reva 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 Environmental Monitoring Plan North West Area dated May 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.

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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 authorises the Water Company to abstract water pursuant to Licence No. 2/27/15/149 (“the licence”) but with provisions of that licence suspended and/or modified as set out in the Schedule 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
Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1 Condition 9.1 of the licence is substituted with the following:

Unless conditions 2.2.2 or 2.4 of this drought permit applies

(i) Subject to 1.1 (ii) below, the Water Company shall, when abstraction under the licence is taking place, make a uniform and continuous release of compensation flow of not less than 1,200 cubic metres per day from Silsden Reservoir to the Silsden Beck at National Grid Reference SE 04449 47482 (or such other location as may be specified in writing by the Agency).

(ii) If the regional reservoir stocks are below the Regional Drought Control Line as defined in the Yorkshire Water Services Drought Plan for a period of more than four consecutive weeks then the Water Company shall, when abstraction authorised under the licence is taking place, make a uniform and continuous release of compensation flow of not less than 800 cubic metres per day from Silsden Reservoir to the Silsden Beck National Grid Reference SE 04449 47482 or other location as specified in writing by the Agency.

'Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

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

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The Water Company shall undertake the monitoring as set out in Appendix 1.

2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species, 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 as soon as practically possible 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) 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), or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall, when abstraction authorised under the licence number is taking place, increase the compensation flow from Silsden Reservoir to the Silsden Beck National Grid Reference SE 04449 47482 to a rate of not less than 2,409 cubic metres per day (or such lesser quantity as may be specified in writing by the Agency).

The Water Company shall commence this compensation flow as soon as possible but in any event within 48 hours of receipt of written notification from the Agency.

The Water Company shall not thereafter reduce the compensation flow to that specified in condition 1.1 until it has confirmed in writing that appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation flows specified in conditions 1.1, 1.2, 2.2.2 and 2.4 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, 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 by 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 North West Area Appendix termed IDMIT_E1, the Water Company shall, while abstraction authorised under the licence is taking place, increase the compensation flow at a time, to a rate and for such duration as specified in writing by the Agency, at National Grid Reference SE 04449 47482 or such other location as may be specified in writing by the Agency.

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.

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 Silsden Beck from the Silsden Reservoir is reduced under this drought permit until this drought permit expires or is revoked, unless otherwise agreed in writing 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <p>Species, location and extent of invasive non-native species.</p>

Frequency of monitoring	On the day of any flow changes implemented under conditions 1.1, 1.2 and 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	Silsden Beck SE 04007 45679 to SE 03940 45232
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 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>

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 –North West Area Reservoirs', May 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 'Silsden 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 the Licence 2/2715/149. 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 'Silsden 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 Environmental Monitoring Plan North West Area dated May 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

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

DRAFT



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 authorises the Water Company to abstract water pursuant to Licence No.2/27/14/058 and 2/27/14/009 but with their provisions suspended and/or modified as set out in the Schedule 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

Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

- 1.1 Subject to conditions 1.1, 2.2.2 and 2.4, if the regional reservoir stocks are below the Regional Drought Control Line as defined in section 2.1 of the Yorkshire Water Services 2022 Drought Plan for a period of more than four consecutive weeks then the Water Company shall maintain a flow of no less than 2.67 megalitres per day at Springhead Weir at National Grid Reference SE 02608 37753, marked 'Springhead Weir' on the map contained in the licences. This flow shall be known as the 'Option 2 Maintained Flow'

Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

The licence holder collect flow data by manual reads of a level board three times per week.

2. ENVIRONMENTAL MONITORING AND MITIGATION

- 2.1 The water company shall undertake the monitoring as set out in Appendix 1 and 2.
- 2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species, 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 as soon as practically possible notify the Agency in writing and by telephone on 0800 80 70 60 and provide details of the signs of distress and the location;

(ii) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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) or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall:

- a. increase the maintained flow at Springhead Weir at National Grid Reference SE 02608 37753 to 4Ml/d

The water company shall increase the stated maintained flows as soon as possible and within 48 hours of receipt of written notification from the Agency.

The water company shall not thereafter reduce the maintained flows to those specified in Condition 1 of this drought permit until the Water Company has confirmed in writing that appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the maintained flows specified in conditions 1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall increase compensation flow at a time, to a rate and for a duration, as directed in writing by the Agency, at National Grid Reference SE 02608 37753, or other location as agreed in writing by the Agency.

2.5 **Combined Sewer Overflows**

The additional monitoring and maintenance activities, specified in the Combined Sewer Overflows (CSO's) Optimisation and Maintenance for Drought Plan 2022, shall be applied by the Water Company to the following combined sewer outfall assets, in accordance with Appendix A of the same plan;

- i) South Street Keighley/CSO discharging into the River Worth at National Grid Reference SE 05920 40223
- Baildon Coach Rd/CSO discharging into the River Aire at National Grid Reference SE 14064 38230
- Brighton Street/CSO discharging into the River Aire at National Grid Reference SE 14960 38030
- Coach Road Baildon/CSO discharging into the River Aire at National Grid Reference SE 14460 38140
- Dockfield Road/CSO discharging into the River Aire at National Grid Reference at SE 015189 37959
- Dockfields/CSO discharging into the River Aire at National Grid Reference SE 15452 38090
- Esholt Lane/NO 2 CSO discharging into the River Aire at National Grid Reference SE 17270 39570
- Green Lane 125/CSO discharging into the River Aire at National Grid Reference SE 14461 38146
- Green Lane Junction/2 discharging into the River Aire at National Grid Reference SE 14810 38038
- Higher Coach Rd/NO 2 discharging into the River Aire at National Grid Reference SE 13998 38241
- Hird Street/NO 2 CSO discharging into the River Aire at National Grid Reference SE 14687 37916
- Metal Box/CSO discharging into the River Aire at National Grid Reference SE 15830 38500
- Midland Road/CSO discharging into the River Aire at National Grid Reference SE 15730 38486
- South Station Road/ CSO discharging into the River Aire at National Grid Reference SE 15680 39160
- Towngate/NO 2 CSO discharging into the River Aire at National Grid Reference SE 15483 39698
- Victoria Road Shipley/CSO discharging into the River Aire at National Grid Reference SE 1405 138209
- Victoria Terrace/CSO discharging into the River Aire at National Grid Reference SE 14051 38209
- Esholt Lane 291/CSO discharging into the River Aire at National Grid Reference SE 17928 40126
- Bradford Esholt/NO 2 STW CSO discharging into the Rive Aire at National Grid Reference SE 18480 39830

Bradford Esholt/ NO 2STW CSO discharging into the River Aire at National Grid Reference SE 18480 39820

- 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

APPENDIX 1

ENVIRONMENTAL MONITORING 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 maintained flow has to be implemented under condition 1.1 of 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <p>Species, location and extent of invasive non-native species.</p>

Frequency of monitoring	On the day of any flow changes implemented under conditions 1 and 2.2.2, the day after and then weekly thereafter until no further flow changes are noted. 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"> • Worth 1 between SE 02380 37708 to SE 02802 37831 • Worth 2 between SE 05105 38813 and SE 05304 39241. • Aire 1 between SE1312338376 and SE1367538239. • Aire 2 between SE1748139782 to SE1802540113.
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 in 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 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>

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 maintained flow has to be implemented under condition 1.1 of 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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. <p>Species, location and extent of invasive non-native species.</p>

Frequency of monitoring	On the day of any flow changes implemented under conditions 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	Worth 2: 10m upstream and at least 100m downstream of the Oxenhope WwTW discharge outfall at SE 03550 35670
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 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>

ADDITIONAL INFORMATION

Note: the following 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 –North West Area Reservoirs', May 2025.

Temporary Flow Adjustments

Condition 2.4 allows for compensation flows to be temporarily increased from the quantities specified under Condition 1 through the range of flows up to the maximum authorised under Licence No.2/27/14/058 and 2/27/14/009. 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 that fact that this is in regard to the 'Springhead Weir 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 North West Reservoirs Environmental Impact Assessment dated May 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 North West Reservoirs Environmental Impact Assessment dated May 2025 which, in the context of this licence is:

- Worth 2
- Aire 1
- Aire 2

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.
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 North West Area dated May 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.

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 'Springhead Weir (Ponden & Lower Laithe) Drought Permit.'



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 section 7(1) of the 1890 Baildon Local Water (Weeher) 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 Act remain in full force and effect.

Signed

Yorkshire Area Drought Manager
On behalf of Mike Dugher
Yorkshire Area Director

Date of issue.....

Date effective

Date of expiry.....

Environment Agency
Lateral House
8 City Walk
Leeds
LS11 9AT

SCHEDULE OF CONDITIONS

1. COMPENSATION FLOW

1.1

P Section 7(1) of the Act is substituted with the following:

(i) Subject to condition 1.1(ii) of this drought permit, the Water Company shall make a uniform and continuous release of compensation flow of not less than 215 cubic metres per day from Weecher Reservoir to the Weecher Brow Beck and the River Aire at National Grid Reference SE 13819 41994 or such other location as agreed in writing by the Agency.

(ii) If the regional reservoir stocks are below the Regional Drought Control Line as defined in section 2 of 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 143 cubic metres per day from Weecher Reservoir to the Weecher Brow Beck and the River Aire at National Grid Reference SE 13819 41994 or other location as agreed in writing by the Agency.

Regional Drought Control Line' is stated in Figure 2.1 in Section 2.1 of the Yorkshire Water Services 2022 Drought Plan, marked 'DCL' in the graph for the Regional Reservoir Group (with the left hand vertical column representing in percentage terms how full the reservoirs in the entire Region are).

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

2. ENVIRONMENTAL MONITORING AND MITIGATION

2.1 The Water Company shall undertake the monitoring as set out in Appendix 1.

2.2 If the monitoring identifies signs of environmental problems, including but not limited to fish in distress, a pollution incident, water quality deterioration, algae blooms or spread of invasive non-native species 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) a remedial course of action shall be formulated to address the signs of environmental problems, which shall be implemented 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), or at its own instigation, the Agency gives written notice that there is a disruption to the ecology, the Water Company shall increase compensation flow from Weecher Brow Beck and the River Aire at National Grid Reference SE 13819 41994 to a rate of not less than 430 cubic metres per day, or a lesser quantity if agreed in writing by the Agency.

The Water Company shall increase the stated compensation flows as soon as possible and within 48 hours of receipt of written notification from the Agency.

The Water Company shall not thereafter reduce the compensation flow to that specified in condition 1.1 until it has confirmed in writing that appropriate remedial action has been taken, and the Agency has confirmed in writing that it is satisfied with this.

- 2.3 The changes to the compensation flow specified in conditions 1.1, 2.2.2 and 2.4 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, disturbance to water users downstream, 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 by 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 North West Area Appendix, termed IDMIT_E1, the Water Company shall increase compensation flow at a time, to a rate and for such duration as specified in writing by the Agency, at National Grid Reference SE 13819 41994, or such other location as agreed in writing by the Agency.

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.

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 Weecher Brow Beck and the River Aire from Weecher 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. <p>Establishment and/or expansion of invasive non-native species.</p>
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	Gill Beck 1 between National Grid References SE 15150 41384 to SE 15490 41207 Gill Beck 2 between National Grid References SE 16199 40664 to SE 16444 40377
Survey Results	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: i. Monitoring data as required from Condition 2.1, 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.
Responsibility	Unless otherwise discussed and agreed in writing, the Water Company will be responsible for all of the costs associated with this monitoring programme. Health and safety requirements whilst carrying out the surveys are the responsibility of the Water Company.

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 –North West Area Reservoirs', May 20205.

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 'Weecher 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 through the range of flows up to the maximum authorised under section 7(1) of the 1890 Baildon Local Water (Weecher) Act dated 1890. 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 'Weecher 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 Environmental Monitoring Plan North West Area dated May 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.

DRAFT