



Environment  
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# Water for life and livelihoods

River Basin Management Plan  
Severn River Basin District

Annex B: Water body status  
objectives

## Annex B Erratum sheet

The following changes were made to this document in January 2011.

WBID	Catchment	Element	Changes	
			Decision code deleted	Decision code added
GB109054032740	Severn Vale	Fish	B2a	S2b
GB109054039350	Warwickshire Avon	Invertebrates	B2a	S2b
GB109054039390	Warwickshire Avon	Invertebrates	B2a	S2b
GB109054039410	Warwickshire Avon	Invertebrates	B2a	S2b
GB109054039520	Warwickshire Avon	Invertebrates	B2a	S2b
GB109054039530	Warwickshire Avon	Invertebrates	B2a	S2b
GB109054039630	Warwickshire Avon	Fish	B2a	S2b
GB109054039660	Severn Vale	Fish	B2a	S2b
GB109054044190	Worcestershire Middle Severn	Invertebrates	B2a	S2b
GB109054044190	Worcestershire Middle Severn	Invertebrates	B2a	S2a
GB109054049200	Shropshire Middle Severn	Invertebrates	B2a	S2b
GB109054049200	Shropshire Middle Severn	Invertebrates	B2a	S2f
GB109054049330	Severn Uplands	Fish	B2a	S2b
GB109054049330	Severn Uplands	Fish	B2a	B2s
GB109054049380	Severn Uplands	Fish	B2a	S2b
GB109054055010	Shropshire Middle Severn	Fish	B2a	S2b
GB109055029700	Wye	Invertebrates	B2a	S3b
GB109055029730	Wye	Invertebrates	B2a	S2b
GB109055036660	Wye	Fish	B2a	S2b
GB109055036780	Wye	Fish	B2a	S3b
GB109055036840	Wye	Fish	B2a	S3b
GB109055036880	Wye	Invertebrates	B2a	S2b
GB109055037070	Wye	Invertebrates	B2a	S3b
GB109056026930	Usk	Fish	B2a	S3b
GB109056026940	Usk	Fish	B2a	S3b
GB109056026950	Usk	Fish	B2a	S3b
GB109054032460	Severn Vale	Fish	n/a	B2s

WBID	Catchment	Element	Changes	
			Decision code deleted	Decision code added
GB109054039400	Warwickshire Avon	Fish	n/a	S2b
GB109054039560	Severn Vale	Invertebrates	n/a	S2b
GB109054039580	Warwickshire Avon	Invertebrates	n/a	S2b
GB109054039580	Warwickshire Avon	Fish	n/a	S2b
GB109054039700	Severn Vale	Invertebrates	n/a	B2s
GB109054039780	Warwickshire Avon	Fish	n/a	S2b
GB109054039780	Warwickshire Avon	Invertebrates	n/a	S2b
GB109054039780	Warwickshire Avon	Invertebrates	n/a	S2d
GB109054039780	Warwickshire Avon	Fish	n/a	S2d
GB109054044410	Teme	Fish	n/a	S2b
GB109054050030	Shropshire Middle Severn	Fish	n/a	S2f
GB109054050180	Shropshire Middle Severn	Invertebrates	n/a	S2b
GB109054050250	Worcestershire Middle Severn	Phytobenthos	n/a	S2b
GB109054054970	Shropshire Middle Severn	Fish	n/a	S2b
GB109054055000	Shropshire Middle Severn	Invertebrates	n/a	S2b
GB109055029690	Wye	Fish	n/a	S2b
GB109055036720	Wye	Invertebrates	n/a	S2b
GB109055036750	Wye	Fish	n/a	S3b
GB109055036800	Wye	Fish	n/a	S2b
GB109055036870	Wye	Fish	n/a	S3b
GB109055036900	Wye	Fish	n/a	S3b
GB109055036910	Wye	Fish	n/a	S3b
GB109055036950	Wye	Fish	n/a	S3b
GB109055037120	Wye	Invertebrates	n/a	S3b
GB109055041850	Wye	Invertebrates	n/a	S2b
GB109055041850	Wye	Fish	n/a	S2b
GB109055041860	Wye	Fish	n/a	S2b
GB109055041920	Wye	Fish	n/a	S3b
GB109055041940	Wye	Invertebrates	n/a	S3b
GB109055041950	Wye	Fish	n/a	S3b
GB109056039990	Usk	Fish	n/a	S2b

## **Contents**

<b>B.1</b>	<b>Introduction</b>	<b>3</b>
<b>B.2</b>	<b>The objectives of the Water Framework Directive</b>	<b>3</b>
<b>B.3</b>	<b>Catchments in the Severn river basin district</b>	<b>6</b>
<b>B.4</b>	<b>Water body tables explained</b>	<b>9</b>
<b>B.5</b>	<b>Bristol Avon and North Somerset Streams river catchment</b>	<b>19</b>
<b>B.6</b>	<b>Severn Uplands river catchment</b>	<b>221</b>
<b>B.7</b>	<b>Severn Vale river catchment</b>	<b>356</b>
<b>B.8</b>	<b>Shropshire Middle Severn river catchment</b>	<b>469</b>
<b>B.9</b>	<b>South East Valleys river catchment</b>	<b>546</b>
<b>B.10</b>	<b>Teme river catchment</b>	<b>645</b>
<b>B.11</b>	<b>Usk river catchment</b>	<b>709</b>
<b>B.12</b>	<b>Warwickshire Avon river catchment</b>	<b>792</b>
<b>B.13</b>	<b>Worcestershire Middle Severn river catchment</b>	<b>952</b>
<b>B.14</b>	<b>Wye river catchment</b>	<b>1042</b>
<b>B.15</b>	<b>Groundwater</b>	<b>1262</b>
<b>B.16</b>	<b>Estuaries and Coastal Waters</b>	<b>1349</b>
<b>B.17</b>	<b>Canals, surface water transfers and SSSI ditches</b>	<b>1362</b>

## B.1 Introduction

This annex sets out the environmental objectives for each of the 912 water bodies in the Severn river basin district. This information is presented in tables; one table for each water body. The annex is organised so that the tables are grouped by catchments. Groundwater, estuary and coastal water bodies and canals, surface water transfers and Sites of Special Scientific Interest (SSSI) ditches are grouped separately at a river basin district level.

In this annex we explain the reasoning behind the status objectives for each water body. You can find further information on how we considered and assessed the actions to meet the objectives in Annex E.

## B.2 The objectives of the Water Framework Directive

The Water Framework Directive (WFD) sets a number of different objectives. In summary the environmental objectives for surface waters are:

- Prevent deterioration in status for water bodies
- Aim to achieve good ecological and good surface water chemical status in water bodies<sup>1</sup> by 2015
- For water bodies that are designated as artificial or heavily modified, aim to achieve good ecological potential by 2015
- Comply with objectives and standards for protected areas where relevant
- Reduce pollution from priority substances and cease discharges, emissions and losses of priority hazardous substances.

In summary the environmental objectives for groundwater are:

- Prevent deterioration in the status of groundwater bodies
- Aim to achieve good quantitative and good groundwater chemical status<sup>2</sup> by 2015 in all those bodies currently at poor status
- Implement actions to reverse any significant and sustained upward trends in pollutant concentrations in groundwater
- Comply with the objectives and standards for protected areas where relevant
- Prevent or limit the input of pollutants into groundwater.

### Good status

The Directive sets a target of aiming to achieve at least 'good status' in all waters. For surface waters there are two separate classifications for water bodies; ecological and chemical. For a surface water body to be in overall 'good' status both ecological and chemical status must be at least 'good'. Ecological status is recorded on a scale high, good, moderate, poor and bad; chemical status is recorded as good or fail. If a water body is at less than good ecological status we also report how certain we are that the water body does not meet good status. For groundwater, there are also two separate classifications for water bodies; quantitative and chemical. For a groundwater water body to be in overall 'good' status, both quantitative and chemical status must be 'good'. Groundwater status is recorded as good or poor.

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<sup>1</sup> Also known as 'good surface water status': Article 2.17.

<sup>2</sup> Also known as 'good groundwater status': Article 2.20.

Status is measured through a series of specific standards and targets that have been developed by the UK administrations, supported by the Water Framework Directive UK Technical Advisory Group (UKTAG; [www.wfduk.org](http://www.wfduk.org)). You can find more information about how we monitored and classified water bodies in Annex A.

### **Artificial or heavily modified water bodies**

Whilst good ecological status is defined as a slight variation from undisturbed natural conditions in natural water bodies, artificial and heavily modified water bodies are unable to achieve natural conditions. Instead, artificial and heavily modified water bodies have a target to achieve good ecological potential, which recognises their important uses, whilst making sure ecology is protected as far as possible. Ecological potential is also measured on the scale high, good, moderate, poor and bad. The chemical status of these water bodies is measured in the same way as for natural water bodies.

### **Protected Areas**

The Directive specifies that areas requiring special protection under other EC Directives and waters used for the abstraction of drinking water are identified as protected areas. These areas have their own objectives and standards.

Article 4 of the Water Framework Directive requires Member States to achieve compliance with any standards and objectives set for each protected area by 22 December 2015, unless otherwise specified in the Community legislation under which the protected area was established. Where a protected area also has a surface water or groundwater objective the most stringent objective applies.

The objectives reported in this annex (B) are those related to WFD water body status only. However, where a protected area coincides with a water body, this is indicated in the water body tables in this annex. The presence of a Site of Special Scientific Interest (SSSI), which is not also designated as a protected area (under the Birds Directive or Habitats Directive), is indicated in the water body tables.

It is not possible to link the water body status objectives in this annex with the protected area objectives in Annex D since the two sets of objectives are not always directly comparable. In addition, in some cases the size and scale of water bodies under the WFD are not the same as waters identified as protected areas.

Some areas may require special protection under more than one EC Directive. In these cases, all of the appropriate objectives and standards must be achieved. More information about protected areas and their objectives and standards are shown in Annex D.

### **Prevent or limit**

The Water Framework Directive and the new Groundwater Directive (2006/118/EC) extend the existing groundwater quality protection regime implemented via the current Groundwater Regulations. New Groundwater Regulations are expected during 2009 to incorporate the changes. Hazardous substances<sup>3</sup> must be prevented from entry into groundwater and the entry into groundwater of all other pollutants must be limited to prevent pollution. A wider range of substances and activities are controlled under the new Directives and there are

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<sup>3</sup> Substances or groups of substances that are toxic, persistent and liable to bioaccumulate, and other substances or groups of substances which give rise to an equivalent level of concern.

fewer exemptions compared with the existing regime. The aim is to make the existing regime both more flexible and risk based but also more effective, in particular, in controlling diffuse pollution. Actions to prevent or limit the input into groundwater of pollutants are a high priority and can be viewed as a principal means of achieving all of the other groundwater quality objectives.

### **Implement measures to reverse significant and sustained upward trends**

Actions to reverse any significant and sustained upward trends in pollutant concentrations in groundwater must be implemented in the first river basin management planning cycle, or in later cycles as soon as a trend has been identified. It is not possible to use a less stringent objective or extended deadline for this requirement.

### **Prevent deterioration in status and exceptions**

Other than in very exceptional circumstances, the objective to prevent deterioration in status of a water body must always be met, for example, when the deterioration is caused by physical modifications. These new activities may change the physical characteristics of a surface water body, which may be the case in building new flood defences or the water level in a groundwater body, where a new public supply borehole is put into use. Even in these cases it is necessary to comply with a number of conditions before this derogation can be relied upon.

### **Water bodies where deterioration of status has been permitted under the terms of WFD Article 4(7)**

One of the objectives of the Water Framework Directive is to ensure the status of rivers, lakes, estuaries, coastal waters and groundwater is protected from deterioration. This objective applies to all water bodies no matter what their status. However, in specific circumstances, the Directive does provide for exemptions or reasons why this objective should not be applied. Although protecting the water environment is a priority, some new modifications may provide important benefits to human health, human safety and/or sustainable development.

Such benefits can include:

- public water supply;
- flood defence/alleviation;
- hydropower generation;
- navigation.

It is sometimes not possible to undertake such activities without causing deterioration of status to the water body, or preventing the water body from reaching its environmental objectives. The benefits such developments can bring need to be balanced against the social and economic benefits gained by maintaining the status of the water body.

No developments occurring between 1<sup>st</sup> December 2006 and 31<sup>st</sup> March 2009 were identified as likely to cause deterioration in the ecological status or potential of water bodies within the Severn RBD.

## B.3 Catchments in the Severn River Basin District

You can use the sections below to find information on the management catchments within the Severn river basin district, these are river catchments, groundwater, estuaries, coastal catchments, canals, surface water transfers and Sites of Special Scientific Interest (SSSI) ditches. The locations of the river management catchments are shown in Figure B.3.1.

- B.5 Bristol Avon and North Somerset Streams river catchment
- B.6 Severn Uplands river catchment
- B.7 Severn Vale river catchment
- B.8 Shropshire Middle Severn river catchment
- B.9 South East Valleys river catchment
- B.10 Teme river catchment
- B.11 Usk river catchment
- B.12 Warwickshire Avon river catchment
- B.13 Worcestershire Middle Severn river catchment
- B.14 Wye river catchment
- B.15 Groundwater
- B.16 Estuaries and Coastal waters
- B.17 Canals, surface water transfers and SSSI ditches

Each river catchment section contains:

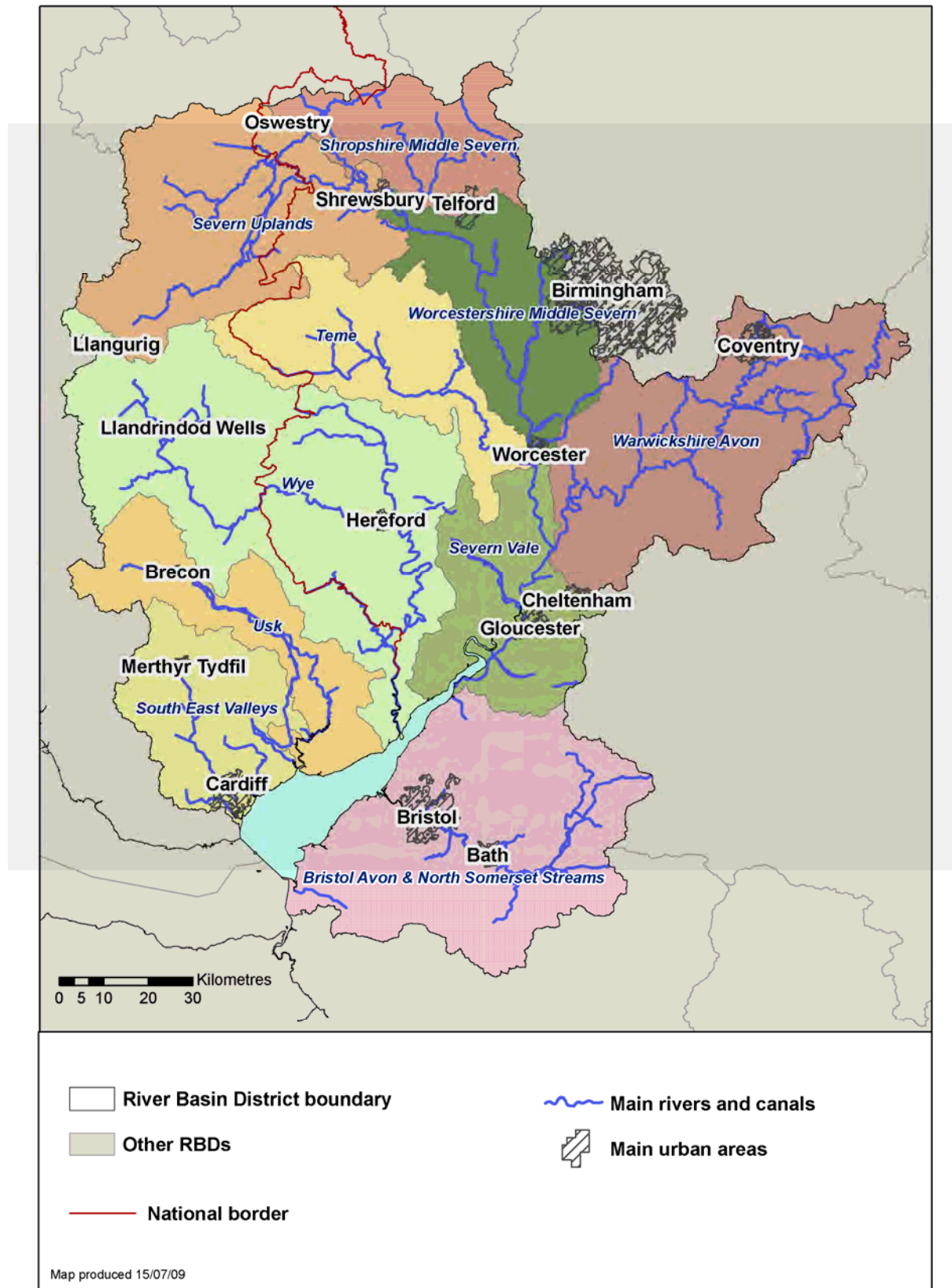
- a map showing the river and lake water bodies within the catchment;
- a table summarising status objectives across the catchment;
- tables, one per water body, detailing current status and objectives.

The groundwater, estuaries and coastal waters and canals, surface water transfer and SSSI ditches sections each contain:

- a map showing the relevant water bodies within the river basin district;
- tables, one per water body, detailing current status and objectives.



Figure B.3.1 Severn river basin district and river catchment divisions



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The status objectives, by water body type, for the Severn river basin district are summarised in Figure B.3.2 below.

Figure B.3.2 **Status objectives for water bodies in the Severn river basin district**

Water body category	Current Status	Status objective				Less than good in 2015	Total number of water bodies
	Good or high now	Good or high in 2015	Good or high in 2021	Good or high in 2027			
<b>Overall</b>							
Rivers	214	260	260	791	531	791	
Lakes	35	35	35	75	40	75	
Coasts	0	0	0	0	0	0	
Estuaries	1	1	1	6	5	6	
Groundwater	26	26	26	40	14	40	
<b>Natural water bodies</b>							
Rivers	167	208	208	619	411	619	
Lakes	0	0	0	13	13	13	
Coasts	0	0	0	0	0	0	
Estuaries	0	0	0	1	1	1	
Groundwater	26	26	26	40	14	40	
<b>Artificial/Heavily modified water bodies</b>							
Heavily modified water bodies	36	39	39	148	109	148	
Artificial water bodies	47	49	49	91	42	91	

You can look at the information in this annex in another way through the 'What's in your backyard?' (WIYBY) feature on our website. This allows you to search by place name or postcode to get the details of an individual water body. Link through [www.environment-agency.gov.uk/WIYBY](http://www.environment-agency.gov.uk/WIYBY). This will be available in early 2010 following publication of this plan.

## B.4 Water body tables explained

Figures B.4.1. to B.4.4 below (and the supporting 'explanatory notes' which follow) provide explanations of the information included in the water body tables.

Figure B 4.1 **Surface water body tables explained – part 1**

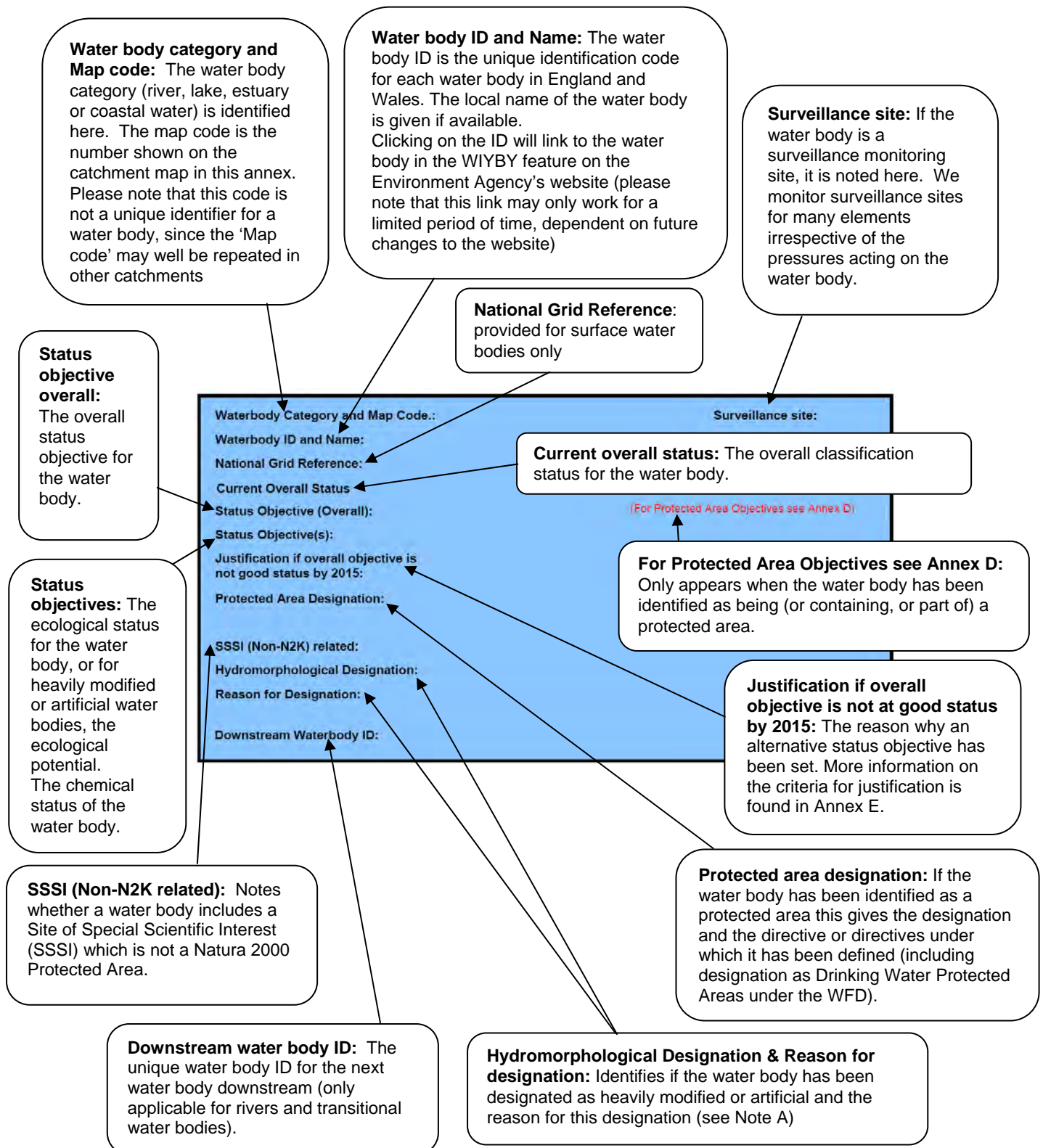


Figure B 4.2. Surface water body tables explained – part 2

**Ecological status or potential:** Current classification status is shown. Ecological classification comprises:

- The condition of biological elements, for example fish
- Concentrations of supporting physico-chemical elements, for example ammonia levels
- Concentrations of specific pollutants, for example copper.
- Supporting conditions of morphology and hydrology
- And for high status, largely undisturbed hydromorphology

Ecological status is recorded on the scale of high, good, moderate, poor or bad. For water bodies that are heavily modified or artificial, the results of ecological potential classification may be determined by assessing the level of mitigation actions required to achieve good potential and that do not have a significant impact on the specified uses. For water bodies for which we do not have monitoring data, the classification recorded here is based on modelling or estimations. Further information on classification see Annex A.

**Biological elements:**

A list of the biological elements of status classification for which monitoring or modelling data are available.

**Supporting conditions:**

A list of the supporting morphological conditions and hydrological conditions (quantity & dynamics of flow) for which monitoring or modelling data are available. These elements show as 'support good', 'high' or 'not support good' only.

**Mitigation measures:**

A list of the mitigation actions, stating which are in place and adequate and which were not in place resulting in moderate ecological potential or worse' being assigned. See Note C for more information.

**Chemical elements:** A list of the chemical elements of status classification for which monitoring or modelling data are available.

Ecological Status / Ecological Potential			
Current status (and certainty that status is less than good)			
biological elements			
element	current status (and certainty less than good)	predicted status by 2015	Justification for not achieving good status by 2015
supporting elements			
element	current status (and certainty less than good)	predicted status by 2015	Justification for not achieving good status by 2015
supporting conditions			
element	current status	predicted status by 2015	Justification for not achieving good status by 2015
Ecological Potential assessment			
current potential	predicted potential by 2015		Justification for not achieving good potential by 2015
mitigation measures that have defined ecological potential			
Chemical Status			
Current status (and certainty that status is less than good)			
chemical elements			
element	current status (and certainty less than good)	predicted status by 2015	Justification for not achieving good status by 2015

**Current status (and certainty less than good):** This is the current status classification, with level of certainty (of being less than good). See Note B for explanation of certainty. Level of certainty is not supplied for Artificial or Heavily Modified water bodies (AWB/HMWB).

**Supporting elements:** A list of the physico-chemical elements of status classification for which monitoring or modelling data are available.

**Ecological potential assessment:** Current ecological potential for the AWB/HMWB is given, with a prediction of when the water body will meet good ecological potential. More information in Note C

**Chemical status:** The current classification status for the water body against the environmental standards for chemicals that are priority substances and priority hazardous substances. Chemical status is recorded as good or fail - See Note E.

**Predicted status by 2015:** The predicted status for each of the elements or conditions listed by 2015

**Justification for not achieving good status by 2015:** The reason for an alternative status objective if the default status objective has not been used. This is shown with the relevant decision tree codes(s) in brackets. See Note D for more information on these codes.



Figure B. 4.3 **Groundwater body tables explained part 1**

Descriptions are the same as surface water bodies except where stated.

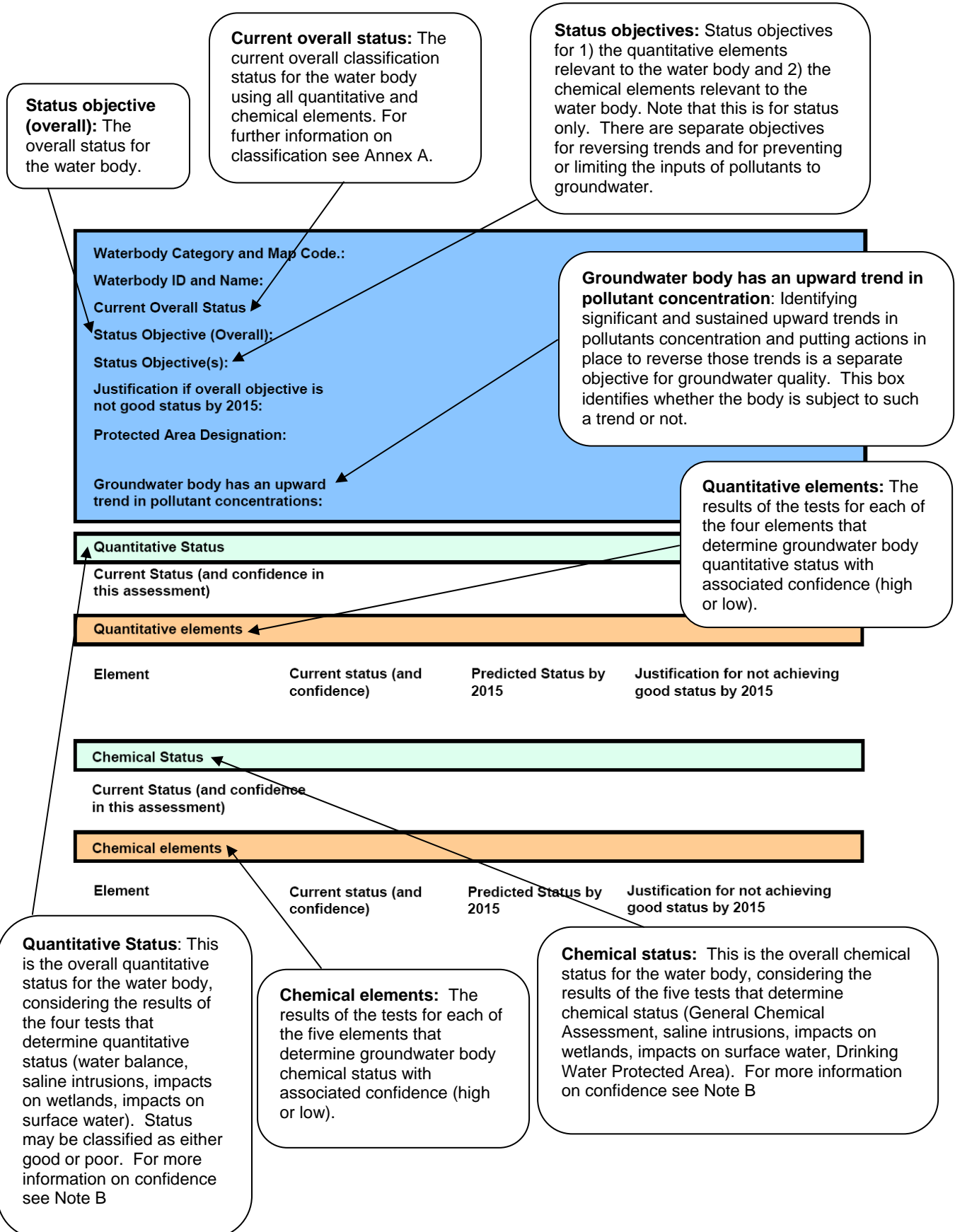
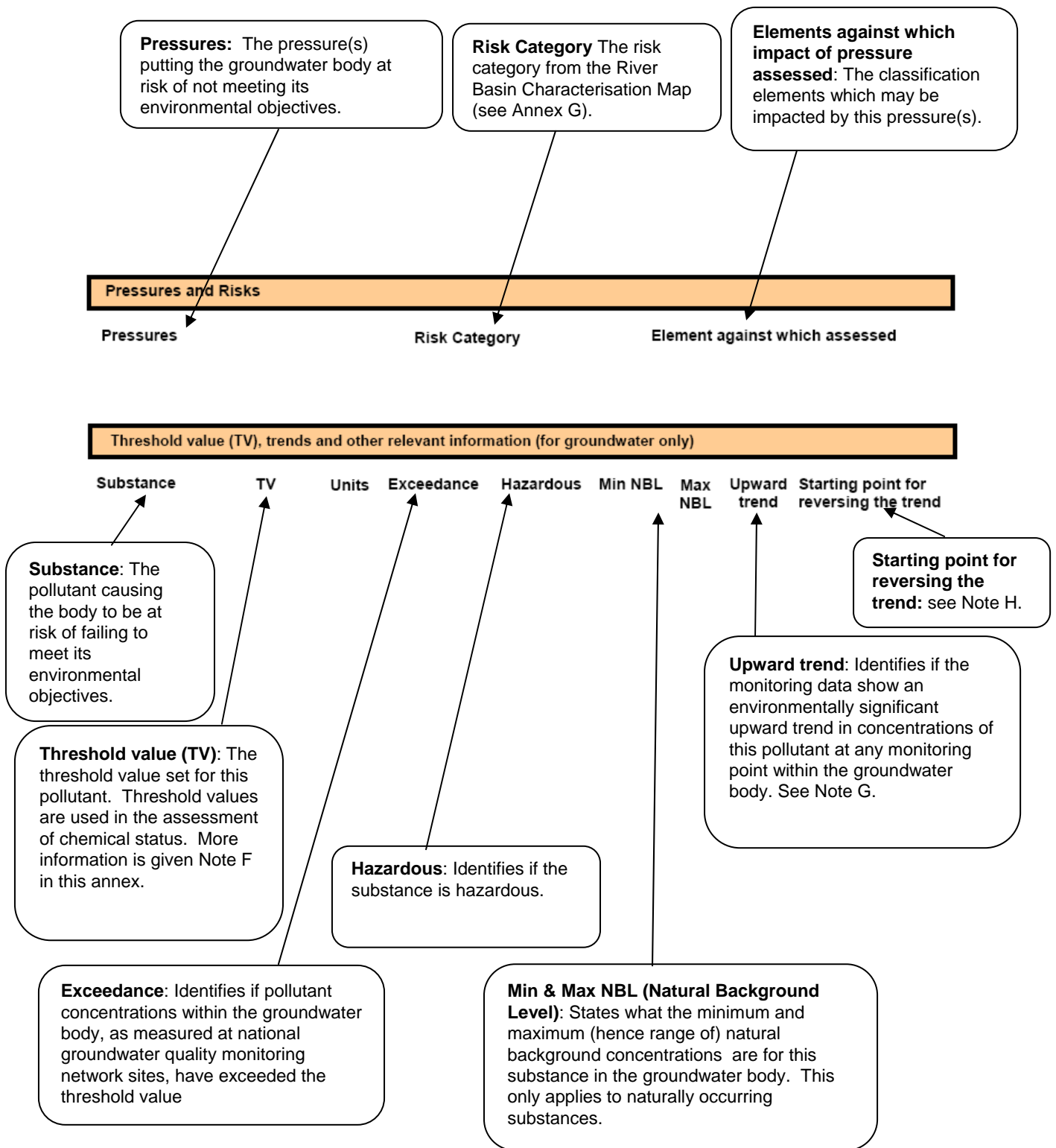


Figure B. 4.4 Groundwater tables explained - part 2



## Explanatory notes

### Note A: Hydromorphological Designation & Reason for designation

These fields in the water body tables identify whether the water body has been designated as being heavily modified or artificial for one or more of the following reasons (see also Annex I): Drinking Water; Flood Protection; Irrigation; Land Drainage; Navigation; Other; Power Generation; Recreation; Structure; Urbanisation; Wider Environment; Water Regulation (impoundment release); Water Regulation (strategic transfer); Water Storage - non-specific; Coastal Protection; Shell Fisheries; Fin Fisheries; Dredge Disposal.

### Note B: Certainty and confidence

#### Surface waters

Our assessments of surface water body status are accompanied by a description of how certain we can be that the water body is below good status<sup>4</sup>. These assessments are reported in this annex for each quality element in each water body, and for the overall water body status.

The Environment Agency has used three expressions to describe how certain we are that a water body does not achieve the objective of good status. Although the terms confidence and certainty can be interchangeable, the Environment Agency has taken the decision to use an expression of certainty to describe all surface water classifications.

How certain we are that the water body is less than good status	Threshold
Very certain	≥95% certain that the water body does not meet the objective of good status
Quite certain	≥75to ≤95% certain that the water body does not meet the objective of good status
Uncertain	>50% to <75% certain that the water body does not meet the objective of good status

This description of certainty takes account of the precision of our results. Precision is influenced by natural variation in the data over time, as well as errors in the assessment process. The Environment Agency can assess how the probability of misclassification changes in relation to the amount of sampling for each biological element. This allows us to estimate the most likely levels of certainty we can achieve with a given sampling effort. For example, a diatom sample from spring and autumn will allow no more than a 70% certainty of being at a particular status, but often gives high certainty (>95% ) of being somewhere below good status.

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<sup>4</sup> This does not apply to Artificial or Heavily Modified water bodies because the designation and classification processes included expert opinions provided by Environment Agency staff and external stakeholders. The information used was therefore partly qualitative and so it was not appropriate to assign an assessment of certainty.

In some situations our expression of certainty is based on weight of evidence or expert opinion. There are three examples of this:

- The way different water bodies respond to nutrient enrichment can be complicated. Sometimes we find that the water body does not meet the required standard for phosphorus but the biological community shows no sign of damage. In such situations it would be misleading to say we are very certain that the water body is at less than good status. In other situations, the water body does not meet the required standard for phosphorus, and the biological community – the diatoms and macrophytes – also show signs of damage. The result for each element on its own may be uncertain. But the fact that all elements suggest the same thing – weight of evidence that there is an impact – means that we become more certain that there is a problem. So we modify the overall certainty according to the statistical certainty of each test. Where this has happened it is indicated by “WoE” (weight of evidence) against the certainty rating.
- As our monitoring programme for estuarine and coastal water bodies is new, certainty in our draft classifications for these water bodies is partly based on the amount of data available for each of the classification tools. We say we are uncertain where our data sets are limited. Our marine monitoring programme will continue to provide more data, so the certainty of our assessments in estuarine and coastal waters should steadily improve over time.
- We don't yet have assessments for all of our water bodies. Where we lack data we have used expert judgements to provide an initial assessment of the water body (see Annex A for more detail) and this is stated in the water body tables as 'Note: Current Status and Status Objectives for this water body are based on Expert Judgement'. Where expert judgement has been used to provide a classification we can only ever be uncertain in our assessment.

Where a water body is Good or High Ecological Status and biology is not classified (i.e. no biology data was used) then this is indicated with 'no biology data'

### **Groundwater status**

Groundwater classification comprises four quantitative and five chemical status tests. Each of the status test results is reported as a face value class accompanied by an assessment of our confidence in the result.

For groundwater, confidence is reported as a qualitative statement, and is used as an indicator for prioritising action. All poor status classifications for groundwater, irrespective of confidence, will require some form of action. This is because the classification criteria for both chemical and quantitative status comprise a rigorous weight of evidence approach. Further details of how confidence is determined are given in Annex A.

The decisions on which level of confidence to assign to each of the tests undertaken to determine status are reached by using a combination of statistical and weight of evidence criteria. The principles for this are outlined in the UK TAG paper 'Reporting Confidence in Groundwater Status Assessments' (available at [http://www.wfduk.org/tag\\_guidance/Article\\_08/Groundwater\\_confidence](http://www.wfduk.org/tag_guidance/Article_08/Groundwater_confidence)).

As a principle guiding the assessment of confidence in each of the individual status tests, the key criteria are a) the strength of the overall “weight of evidence” supporting the status assessment and b) a combined assessment of the monitoring data in terms of the magnitude of overall departure from the poor/good status boundary and the variability of the data.

Confidence in chemical status and quantitative status will be determined and reported separately. For poor status groundwater bodies, the highest level of confidence from each of



the individual tests should be reported. For good status groundwater bodies, the lowest level of confidence from each of the individual tests should be reported.

### **Note C: Explanation of hydromorphological measures**

The assessment of ecological potential looks at mitigation measures which relate to hydromorphological pressures and ecological impacts that are present in Artificial and Heavily Modified water bodies (AWB/HMWBs).

Each AWB/HMWB is designated for at least one use. Please see 'reason for designation' in the water body objective tables. For each of these water body uses we have defined a number of associated mitigation measures that are required to reduce the hydromorphological impacts of the use. This is in line with the UK TAG guidance which can be found at: [www.wfduk.org/st\\_workshops/LibraryPublicDocs/gep\\_hmwb\\_final](http://www.wfduk.org/st_workshops/LibraryPublicDocs/gep_hmwb_final)

For a water body to reach GEP all the associated mitigation measures need to be in place. For each AWB/HMWB we reviewed, mitigation measures fit into one of these categories:

- **in place** for the water body in question and operating adequately OR
- **not applicable** to that particular water body - some measures have been screened out during the assessment process because they could not be put in place without significantly adversely affecting the use of the water body or the wider environment, or they are not practicable given the physical characteristics of the water body. OR
- **are required** to reduce the hydromorphological impacts on ecology and to achieve good ecological potential or better.

In the water body objective tables in Annex B mitigation measures relating to ecological potential are listed for each AWB/HMWB as follows:

- a) mitigation measures that are in place and adequate are identified as "in place" and
- b) mitigation measures that are required to reach Good Ecological Potential or better are identified as "not in place".

Mitigation measures that are not applicable are not included in these tables.

In AWB/HMWBs currently classified as moderate ecological potential or worse for hydromorphological pressures there is at least one mitigation measure that is not currently in place or has not been screened out on the basis of practicability or impact on use or the wider environment.

It should be noted that mitigation measures identified as "not in place" is a comprehensive list of actions that could be adopted, rather than the final proposed actions. Further appraisal is required to relate these general measures to specific actions within a water body. Specific actions that will be occurring appear in Annex C.

We have appraised these mitigation measures, including:

- mapping these potential measures to existing Environment Agency plans (such as medium term flood risk management plans) and local schemes (see Annex E for explanation of mapping exercise)
- working with co-deliverers to identify options for implementing these measures, where it is their management and/or structures that contribute to the hydromorphological pressure/s
- assigned measures to a particular sector, where this is possible, and aligned where possible with any sectoral plans and processes

- taken account of comments received as part of the consultation process on the draft river basin management plans.

Some measures alone or in combination may only achieve a slight ecological improvement. In these cases the measures only contribute to maximum ecological potential. Where we are confident of this, the measure/s will not be required to achieve good ecological potential. Currently we are not able to predict slight ecological benefit satisfactorily, but as our understanding increases we will be able to assess the mitigation measures fully.

For AWB/HMWBs designated for water supply use and currently not achieving GEP, a programme of investigation in partnership with water companies is planned. This will enable us to identify appropriate and cost effective measures for implementation in the second and third River Basin Management Plans.

#### **Note D: Decision trees codes**

Decision tree codes have been used to indicate how we have made decisions about alternative objectives. Each pressure has a unique decision tree with a set of decision tree codes which are shown in the water body tables, for example S1a is from Sediments tree, P1a from the Phosphorus tree. These decision trees show the main steps taken in appraising the potential measures to address a pressure and set out which of those decisions can lead to the setting of an alternative objective. Further information on decision tree codes can be found in Annex E.

#### **Note E: Chemical status reporting**

An assessment of chemical status is required in water bodies where priority substances and other specific pollutants are known to be discharged in significant quantities. If a water body is labelled as "Does not require assessment" it is because these pollutants are not discharged into this water body in significant quantities.

The Water Framework Directive requires us to classify chemical status as either Good or Fail (i.e. failing to achieve good).

The Directive also requires us to produce an overall status assessment (and objective) for water bodies, inferring that we need to combine ecology and chemistry into one overall assessment. To do this, we convert our chemical status assessments using the following translation: Good = High, Fail = Moderate.

The translation of Good = High was agreed by UKTAG on the basis that it would be unfair to downgrade an otherwise pristine water body (one that reaches high for all other elements) simply because the chemical status can only ever achieve a maximum of Good.

Therefore, in our Annex B tables we report:

- the status of individual chemical elements as High or Moderate (so the translation described above can occur)
- the current chemical status as Good or Fail (as required by the Directive)

## **Note F: Summary of how exceedances of groundwater quality standards/threshold values at monitoring network sites have been used in the assessment of chemical status of groundwater bodies**

The Groundwater Daughter Directive (GWDD) states that for assessing chemical status, we should use prescribed groundwater quality standards for nitrates and pesticides, and locally derived threshold values for other pollutants that have been identified as contributing to the characterisation of the groundwater bodies as being at risk of failing to meet one or more of its environmental objectives.

Threshold values are groundwater quality standards approved by Defra/Welsh Assembly Government (WAG) for the purpose of assessing groundwater chemical status. They can be set nationally, or on a local groundwater body scale. Threshold values are triggers that if exceeded at groundwater monitoring points require us to investigate whether the conditions for good status have been met. They do not represent the boundary between good and poor status. The EU (GWDD) groundwater quality standards prescribed for nitrate and pesticides have also been used in the assessment process in the same way. Note however that threshold values for these pollutants may be established at lower concentrations to ensure that all status objectives are being met. All this follows the requirements of the GWDD. Note that the groundwater monitoring points used for WFD classification are those included in the Environment Agency's national groundwater quality monitoring programme.

If standards and/or threshold values are not exceeded at any of the relevant monitoring points within the groundwater body then, in accordance with the GWDD, the groundwater body is at good status and no further investigation is necessary. The standards and conditions that we apply to environmental permits should reflect the need to meet all WFD objectives, including good chemical status, but these permit conditions are not threshold values.

Threshold values have been derived for each of the tests for good chemical status. Once each of the relevant tests for a groundwater body has been applied the individual tests must then be assessed together, on a one-out all-out basis. The most stringent relevant threshold for each pollutant will be reported for the groundwater body. This indicates that the threshold will apply to at least one monitoring point within the groundwater body. Threshold values for a single substance could vary across a groundwater body, particularly for those substances where there is a highly variable natural background concentration. For simplicity, we have avoided this wherever possible, but it is needed in some cases.

The threshold value for each test is appropriate to the receptor being considered in that test, e.g. a groundwater abstraction, an associated surface water body, or a groundwater dependent terrestrial ecosystem. The way in which we have compared monitoring data to the thresholds values during classification varies between the individual classification tests. See the table below.

If a threshold value has been exceeded, we have investigated whether the pollution is of sufficient magnitude to prevent the groundwater body achieving its status objectives under the WFD (i.e. it is not just a localised impact). This has been undertaken, for example, using status assessments for surface ecosystems, assessments of loadings to surface receptors or aggregations of groundwater data.

Only where the concentration of pollutants exceeds the groundwater chemical threshold, and any supporting evidence confirms the presence of an impact that compromises the achievement of WFD status objectives, have we classified the groundwater body as at poor status. Where there was insufficient data to conduct a particular test, then in the absence of

contrary information, the groundwater body has been assigned good status for that test, but with low confidence in this assessment. We will aim to undertake additional monitoring and/or investigation so that the test can be properly conducted at the next round of classification.

Status classification test	Where threshold value applies
Saline or other intrusions (where poor quality water has been pulled into the body as a result of groundwater abstraction)	Relevant individual monitoring points e.g. those in areas at risk from intrusion
Impact on Surface Water Bodies	Relevant individual monitoring points e.g. those close to the surface water body
Impact on Wetlands (groundwater dependent terrestrial ecosystems)	Relevant individual monitoring points e.g. those close to the wetland
Drinking Water Protected Areas	Relevant individual monitoring points e.g. those that are abstractions used for drinking water
General Chemical Assessment	Aggregated across the body, e.g. compared to groundwater body average concentration(s).

**Note G: Summary of how groundwater body chemical trend assessment was carried out.**

The Water Framework Directive and the Groundwater Daughter Directive require us to identify statistically and environmentally significant upward pollutant trends in groundwater bodies. This section describes the procedure we used to carry out this assessment.

1. We collated groundwater quality monitoring data using data between 1997 and 2007. The data came from both our National Groundwater Quality Monitoring Network and water company monitoring where this was made available.
2. We used a simple modelling tool to calculate whether these data showed a statistically significant upward trend. The tool was specifically designed and developed for this purpose, and uses two different statistical tests to assess trends in the data. If a statistically significant trend was detected the tool also predicted the expected pollutant concentration in 2021.
3. We then assessed the environmental significance of each of the significant upward trends. This was done by comparing the predicted pollutant concentration in 2021 to the threshold value(s) for the relevant groundwater body chemical classification test. A trend is environmentally significant if the predicted concentration in 2021 is greater than one or more threshold values. Threshold values are explained in Note E.

A map showing which groundwater bodies have statistically and environmentally significant trends can be seen in Annex A.

**Note H: Starting point for reversing the trend**

This is the pollutant concentration measured in the groundwater body at which we must implement actions to reverse upward trends. The default is 75% of the threshold value, unless we can justify a later starting point (because the rise in concentrations is low and there is less risk to the environment) or an earlier starting point (because the risk to the environment is high).

## B.5 Bristol Avon and North Somerset Streams river catchment

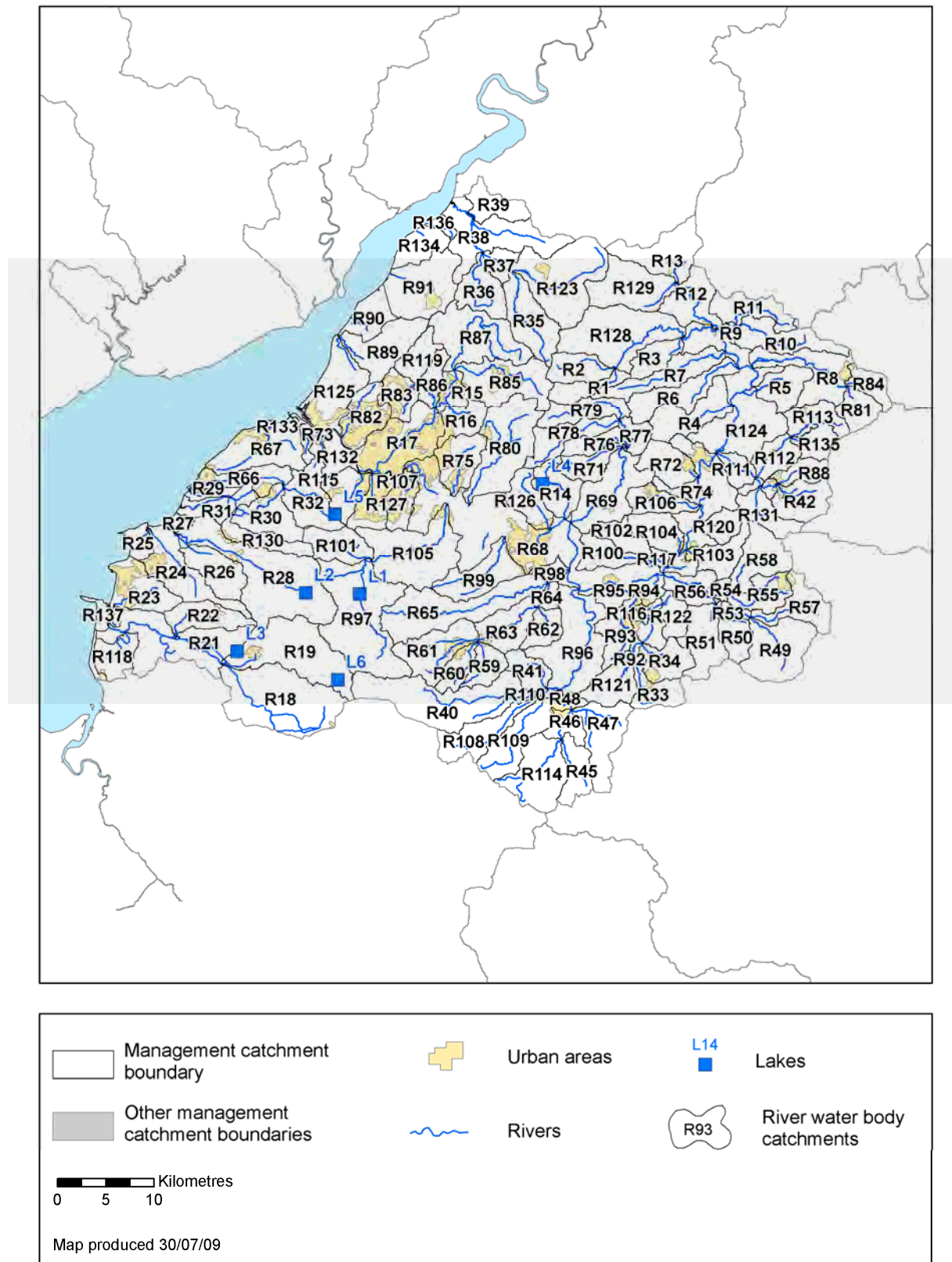
### Rivers and lakes

There are 137 river water bodies (of which 19 are designated as heavily modified) and 6 lake water bodies (of which 4 are designated as heavily modified) within the Bristol Avon and North Somerset Streams river catchment.

Figure B.5.1 **Status objectives for rivers and lakes in the Bristol Avon and North Somerset Streams river catchment**

Water body category	Status objective				Total number of water bodies
	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Rivers	27	27	103	76	103
Lakes	0	0	0	0	0
Heavily modified Water bodies	6	6	23	17	23
Artificial water bodies	5	5	17	12	17

Figure B.5.2 River and lake water bodies in the Bristol Avon and North Somerset Streams river catchment



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## **Water body tables for rivers and lakes in the Bristol Avon and North Somerset Streams catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.



<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027660</a>	Unnamed trib - source to conf Luckington Bk	
<b>National Grid Reference:</b>	ST 83335 82070		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027690		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027670</a>	Unnamed trib - source to conf Luckington Bk	
<b>National Grid Reference:</b>	ST 80302 83990		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027690		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027680</a>	Unnamed trib - source to conf Sherston Avon	
<b>National Grid Reference:</b>	ST 89827 85371		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027650		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027700</a>	Sutton Benger Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 93302 78465		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027650		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027710</a>	The Bourne - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 98343 81057		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027650		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027720</a>	Rodbourne Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 93065 82505		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB109053027650		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027730</a>	Gauze Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 89651 82881		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027650		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1b)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027740</a>	Brinkworth Bk- Hancocks Wtr to conf R Avon (Brist)	
<b>National Grid Reference:</b>	SU 04433 82835		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB109053027650		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Not Required (MS)
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	



**Mitigation Measures that have defined Ecological Potential**

**Mitigation Measure**

**Status**

Appropriate techniques (invasive species)

**In Place**

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027750</a>	Charlton Str- Woodbridge Bk to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 95206 86796		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027650		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027760</a>	Woodbridge Bk - source to conf Charlton Str	
<b>National Grid Reference:</b>	ST 98974 85754		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB109053027750		

**Ecological Potential** *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027770</a>	Charlton Str - source to conf Woodbridge Bk	
<b>National Grid Reference:</b>	ST 97843 89353		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027750		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027780</a>	Tetbury Avon - unnamed trib to conf Sherston Avon	
<b>National Grid Reference:</b>	ST 91501 89346		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027650		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027800</a>	Tetbury Avon - source to conf unnamed trib	
<b>National Grid Reference:</b>	ST 89297 93183		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027780		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027810</a>	St Catherines Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 77556 70767		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027820</a>	R Frome (Brist) - conf Laddon Bk to conf Folly Bk	
<b>National Grid Reference:</b>	ST 66149 80556		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB109053027850		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

**Mitigation Measures that have defined Ecological Potential**

**Mitigation Measure**

**Status**

Flow manipulation

**Not In Place**

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027830</a>	Folly Bk - source to conf R Frome (Brist)	
<b>National Grid Reference:</b>	ST 66613 78397		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027820		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027840</a>	R Frome (Brist) - Bradley Bk to conf Floating Hbr	
<b>National Grid Reference:</b>	ST 61834 75616		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB530905415405		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Not Required (MS)
Invertebrates	Moderate (Uncertain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	Disproportionately expensive (P1a)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate timing (vegetation control)	In Place
Flow manipulation	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021520</a>	R Axe - source to conf Stubbingham Rhyne	
<b>National Grid Reference:</b>	ST 45063 49080		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109052021570		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Not Required (MS)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

**Mitigation Measure**

**Status**

Management of the risk of fish entrainment in intakes for hydropower turbines or water resource purposes (or pumping stations) where there is downstream fish migration.

**Not In Place**

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021540</a>	R Cheddar Yeo - source to conf Stubbington Rhyne
<b>National Grid Reference:</b>	ST 44534 52153	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection	
<b>Downstream Waterbody ID:</b>	GB109052021570	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)
Macrophytes	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	



### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Improve floodplain connectivity	Not In Place
Set-back embankments	Not In Place
Increase in-channel morphological diversity	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021550</a>	Unnamed trib - source to conf R Axe Estuary	
<b>National Grid Reference:</b>	ST 31319 56518		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021570</a>	R Axe-Stubbingham Rhyne to conf Brean Cross Sluice
<b>National Grid Reference:</b>	ST 33495 56590	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB540805210900	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1e)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021580</a>	R Lox Yeo - source to conf Rive Axe	
<b>National Grid Reference:</b>	ST 38841 57296		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109052021570		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021590</a>	Uphill Great Rhyne - source to conf R Axe Estuary	
<b>National Grid Reference:</b>	ST 33541 59149		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Educate landowners on sensitive management practices (urbanisation)	In Place
Sediment management strategies (develop and revise)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021600</a>	R Banwell - source to conf R Banwell Estuary	
<b>National Grid Reference:</b>	ST 37997 62905		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Not Required (MS)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Poor (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	



### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate water level management strategies, including timing and volume of water moved	In Place
Sediment management strategies (develop and revise)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Increase in-channel morphological diversity	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021610</a>	Redcroft Rhyne - source to Severn Estuary	
<b>National Grid Reference:</b>	ST 34484 65586		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate water level management strategies, including timing and volume of water moved	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021620</a>	Oldbridge R - source to nr Manor Fm	
<b>National Grid Reference:</b>	ST 39374 64322		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109052021640		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate water level management strategies, including timing and volume of water moved	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021630</a>	Broadstone Rhyne - source to conf Congresbury Yeo
<b>National Grid Reference:</b>	ST 37282 66422	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021640</a>	R Yeo - source to conf Congresbury Yeo	
<b>National Grid Reference:</b>	ST 41917 64603		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Regulation (impoundment release)		
<b>Downstream Waterbody ID:</b>	GB209052021720		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Not Required (MS)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021660</a>	R New Blind Yeo - source to conf R Severn Estuary	
<b>National Grid Reference:</b>	ST 41207 70026		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Flood Protection, Land Drainage, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b, M3c)

### Mitigation Measures that have defined Ecological Potential

<b>Mitigation Measure</b>	<b>Status</b>
Appropriate water level management strategies, including timing and volume of water moved	<b>In Place</b>
Appropriate timing (vegetation control)	<b>In Place</b>
Appropriate vegetation control technique	<b>In Place</b>
Selective vegetation control regime	<b>In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021670</a>	R Kenn - conf R Land Yeo to conf Blackditch Rhyne	
<b>National Grid Reference:</b>	ST 47221 68761		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109052027320		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021680</a>	R Kenn - Blackditch Rhyne to conf Severn Estuary	
<b>National Grid Reference:</b>	ST 44337 69462		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Not Required (MS)
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

**Mitigation Measure**

**Status**

Appropriate water level management strategies, including timing and volume of water moved

**In Place**

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021690</a>	R Land Yeo - source to conf R Kenn	
<b>National Grid Reference:</b>	ST 52571 69704		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Regulation (impoundment release)		
<b>Downstream Waterbody ID:</b>	GB109052027320		

**Ecological Potential** *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
pH	High	High	
Copper	High	High	
Zinc	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021750</a>	Biss Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	ST 85707 50783		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021780		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Bad (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Bad (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021770</a>	Bitham Bk - source to conf Biss Bk	
<b>National Grid Reference:</b>	ST 88073 53380		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021790		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2p)
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2n)
Phytobenthos	Poor (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Good	
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026580</a>	Little Avon R - source to conf Ozleworth Bk	
<b>National Grid Reference:</b>	ST 75292 86503		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054026600		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026590</a>	Tortworth Bk - source to conf R Little Avon	
<b>National Grid Reference:</b>	ST 68765 90131		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054026620		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026600</a>	R Little Avon - Ozleworth Bk to conf Tortworth Bk	
<b>National Grid Reference:</b>	ST 70245 94490		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054026620		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2p)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026620</a>	Little Avon - conf Tortworth Bk to mouth	
<b>National Grid Reference:</b>	ST 73353 96764		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	
Phytobenthos	Poor (Very Certain)	Moderate	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Flood bunds (earth banks, in place of floodwalls)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate vegetation control technique	Not In Place
Selective vegetation control regime	Not In Place
Increase in-channel morphological diversity	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026630</a>	Unnamed trib - source to conf Little Avon	
<b>National Grid Reference:</b>	ST 68578 98866		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054026620		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022020</a>	Mells R - source to conf Whatley Bk	
<b>National Grid Reference:</b>	ST 67538 48545		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022010		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R41	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022030</a>	Buckland Bk - source to conf Mells R	
<b>National Grid Reference:</b>	ST 75863 51543		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R42	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022050</a>	R Marden - source to conf Abberd Bk	
<b>National Grid Reference:</b>	SU 01655 69120		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022060		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a), Technically infeasible (B2n, B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Fail (Quite Certain)

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Nickel And Its Compounds	Moderate (Quite Certain)	High	

<b>Waterbody Category and Map Code.:</b>	River - R43	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022060</a>	R Marden - conf Abberd Bk to conf unnamed trib	
<b>National Grid Reference:</b>	ST 99167 70859		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022070		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a, B2n)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R44	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022070</a>	R Marden - conf unnamed trib to conf Cowage Bk	
<b>National Grid Reference:</b>	ST 97981 71354		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027610		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Disproportionately expensive (B1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R45	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022090</a>	Maiden Bradley Bk - source to conf R Frome	
<b>National Grid Reference:</b>	ST 78550 42085		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022100		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R46	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022100</a>	R Frome - conf Maiden Bradley Bk to conf Rodden Bk	
<b>National Grid Reference:</b>	ST 77810 45847		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022120		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Disproportionately expensive (B1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R47	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022110</a>	Rodden Bk - source to conf R Frome	
<b>National Grid Reference:</b>	ST 82090 46902		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022120		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R48	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022120</a>	R Frome - conf Rodden Bk to conf Mells R	
<b>National Grid Reference:</b>	ST 77638 48665		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB109053021840		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

<b>Element</b>	<b>Current status</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Appropriate techniques (invasive species)	<b>In Place</b>
Appropriate timing (vegetation control)	<b>In Place</b>
Appropriate vegetation control technique	<b>In Place</b>
Selective vegetation control regime	<b>In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R49	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022130</a>	Semington Bk - source to conf Worton Str	
<b>National Grid Reference:</b>	ST 98813 56038		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022170		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2n, INNS1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R50	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022140</a>	Bulkington Drove w/c source to conf Semington Bk	
<b>National Grid Reference:</b>	ST 94855 56867		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022160		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R51	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022150</a>	Mllebourne Str - source to conf Semington Bk	
<b>National Grid Reference:</b>	ST 93170 57692		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022200		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R52	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022160</a>	SemingtonBk-Bulkington Drove w/c to Milebourne Str	
<b>National Grid Reference:</b>	ST 93792 57842		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022200		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R53	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022170</a>	Semington Bk - Worton Str to conf Bulkington Drove
<b>National Grid Reference:</b>	ST 95534 57487	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109053022160	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R54	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022180</a>	Summerham Bk - Poulshot Str to conf Semington Bk	
<b>National Grid Reference:</b>	ST 94024 59475		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022200		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R55	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022190</a>	Poulshot Str - source to conf Summerham Bk	
<b>National Grid Reference:</b>	ST 98694 60259		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022180		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Moderate	Technically infeasible (B2n)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Iron	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R56	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022200</a>	Semington Bk-Milebourne Str to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 89148 61354		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2n)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R57	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022210</a>	Worton Str - source to conf Semington Bk	
<b>National Grid Reference:</b>	SU 00697 57887		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022170		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2n)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R58	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022220</a>	Summerham Bk - source to conf Poulshot Str	
<b>National Grid Reference:</b>	ST 96207 61788		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022180		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2n)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R59	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022230</a>	Kilmersdon Str - source to conf Snails Bk	
<b>National Grid Reference:</b>	ST 69260 52209		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R60	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022240</a>	Snails Bk - source to conf Kilmersdon Str	
<b>National Grid Reference:</b>	ST 68205 52404		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1b)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R61	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022250</a>	Wellow Bk - source to conf Snails Bk	
<b>National Grid Reference:</b>	ST 65465 53020		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R62	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022260</a>	Lyde Bk - source to conf Wellow Bk	
<b>National Grid Reference:</b>	ST 76247 56829		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022280		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R63	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022270</a>	Wellow Bk - conf Snails Bk to conf Lyde Bk	
<b>National Grid Reference:</b>	ST 72544 56480		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022280		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	Good	Good	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R64	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022280</a>	Wellow Bk - conf Lyde Bk to conf Cam Bk	
<b>National Grid Reference:</b>	ST 75965 59525		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021860		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R65	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022290</a>	Cam Bk - source to conf Wellow Bk	
<b>National Grid Reference:</b>	ST 70260 59035		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021860		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R66	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052027320</a>	R Land Yeo - conf R Kenn to conf R Severn Estuary	
<b>National Grid Reference:</b>	ST 43622 71405		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Bathing Water Directive, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

**Mitigation Measure**

**Status**

Appropriate water level management strategies, including timing and volume of water moved

**In Place**

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R67	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052027330</a>	Portbury Ditch - source to conf R Severn Estuary	
<b>National Grid Reference:</b>	ST 44844 73299		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	Disproportionately expensive (DO1a)
Dissolved Oxygen	Poor (Quite Certain)	Poor	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>In Place</b>
Appropriate water level management strategies, including timing and volume of water moved	<b>In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R68	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027370</a>	R Avon (Brist) - conf Semington Bk to Netham Dam	
<b>National Grid Reference:</b>	ST 79153 63541		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Navigation		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Macrophytes	Good	Good	
Phytobenthos	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Fail (Uncertain)
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Chemical elements			
Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
DDT Total	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R69	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027380</a>	By Bk - conf Doncombe Bk to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 82231 68576		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R70	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027390</a>	By Bk - conf unnamed trib to conf Doncombe Bk	
<b>National Grid Reference:</b>	ST 84037 74737		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027380		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R71	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027400</a>	Doncombe Bk - source to conf By Bk	
<b>National Grid Reference:</b>	ST 80975 73726		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027380		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R72	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027410</a>	Pudding Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 91382 71801		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027440		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R73	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027420</a>	Markham Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 52864 74362		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R74	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027440</a>	R Avon (Brist) conf R Marden to conf Semington Bk	
<b>National Grid Reference:</b>	ST 91083 66193		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	
Phytobenthos	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R75	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027450</a>	Siston Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 66852 72985		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate techniques (invasive species)	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Management of the risk of fish entrainment in intakes for hydropower turbines or water resource purposes (or pumping stations) where there is downstream fish migration.	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Re-engineering of the river where the flow regime cannot be modified.	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R76	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027460</a>	Unnamed trib - source to conf By Bk
<b>National Grid Reference:</b>	ST 83328 75780	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109053027390	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (B1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R77	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027480</a>	By Bk - conf Broadmead Bk to conf unnamed trib	
<b>National Grid Reference:</b>	ST 85003 75652		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027390		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R78	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027490</a>	Broadmead Bk - source to conf By Bk	
<b>National Grid Reference:</b>	ST 78866 76485		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027480		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (INNS2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R79	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027500</a>	By Bk - source to conf Broadmead Bk	
<b>National Grid Reference:</b>	ST 80595 79279		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027480		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R80	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027510</a>	R Boyd - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 69259 71926		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2a, B2n, B2p, INNS1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R81	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027520</a>	Brinkworth Bk - source to conf Hancocks Wtr	
<b>National Grid Reference:</b>	SU 07369 80523		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027740		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R82	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027530</a>	R Trym - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 56319 78638		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	Disproportionately expensive (P1a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

**Mitigation Measures that have defined Ecological Potential**

**Mitigation Measure**

**Status**

Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone

**Not In Place**

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R83	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027540</a>	Stoke Bk - source to conf Bradley Bk	
<b>National Grid Reference:</b>	ST 61607 80043		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB109053027570		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Increase in-channel morphological diversity	Not In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R84	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027550</a>	Hancocks Wtr - source to conf Brinkworth Bk	
<b>National Grid Reference:</b>	SU 07681 81509		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027520		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a, B2n)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Bad (Very Certain)	Bad	Disproportionately expensive (A5a), Technically infeasible (A2b)
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Quite Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Bad (Very Certain)	Bad	Disproportionately expensive (A5a), Technically infeasible (A2b)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R85	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027560</a>	R Frome (Brist) - source to conf Laddon Bk	
<b>National Grid Reference:</b>	ST 72739 82330		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027820		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R86	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027570</a>	Bradley Bk - conf Stoke Bk to conf R Brist Frome	
<b>National Grid Reference:</b>	ST 63727 80738		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027840		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Bad (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Bad (Uncertain)	Poor	Technically infeasible (B2n, B2p)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R87	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027590</a>	Laddon Bk - source to conf R Frome (Brist)	
<b>National Grid Reference:</b>	ST 67656 86255		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027820		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Bad (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Bad (Uncertain)	Moderate	Technically infeasible (B2a, S2b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R88	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027600</a>	Abberd Bk - source to conf R Marden
<b>National Grid Reference:</b>	SU 01099 71506	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109053022060	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R89	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026650</a>	The Pill - source to conf Redwick Common Rhine	
<b>National Grid Reference:</b>	ST 55783 85163		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R90	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026660</a>	Bisham Rhine - source to conf Rlver Severn Estuary
<b>National Grid Reference:</b>	ST 56726 87809	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage	
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R91	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026670</a>	Oldbury Naite Rhine source to conf Severn Estuary
<b>National Grid Reference:</b>	ST 60861 92390	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a, B2p)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R92	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021780</a>	Biss Bk - conf unnamed trib to conf Bitham Bk	
<b>National Grid Reference:</b>	ST 85541 54505		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021790		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R93	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021800</a>	Lambrok Str - source to conf R Biss	
<b>National Grid Reference:</b>	ST 84539 55574		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021820		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R94	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021810</a>	R Biss - conf unnamed trib to conf Lambok Bk	
<b>National Grid Reference:</b>	ST 86944 57954		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021820		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R95	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021820</a>	R Biss - conf Lambrok Str to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 85202 58861		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2n)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R96	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021840</a>	R Frome - conf R Mells to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 80094 57776		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	Good	Good	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)** Good

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	High	High	
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
DDT Total	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R97	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021850</a>	R Chew - source to conf Winford Bk	
<b>National Grid Reference:</b>	ST 57847 57077		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Regulation (impoundment release)		
<b>Downstream Waterbody ID:</b>	GB109053021950		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	High	High	
Phytobenthos	Moderate (Uncertain)	Moderate	Disproportionately expensive (HR1a, P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Quite Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)



**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Enable access to relevant feeder-streams draining into the reservoir at appropriate times for spawning and migration.	<b>In Place</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>Not In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>Not In Place</b>
Provide flows to move sediment downstream.	<b>Not In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Management of the risk of fish entrainment in intakes for hydropower turbines or water resource purposes (or pumping stations) where there is downstream fish migration.	<b>Not In Place</b>
Where structures or other mechanisms are in place to enable fish to access waters upstream of the impounding works, the volume and timing of flow releases is sufficient to enable and, where relevant, trigger fish migration.	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R98	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021860</a>	Midford Bk - conf Cam Bk to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 76611 61353		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Quite Certain)	Poor	Technically infeasible (B2m, B2n, INNS1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	
Ammonia (Phys-Chem)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)** Fail (Quite Certain)

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
para - para DDT	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R99	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021880</a>	Newton Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 67092 61061		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R100	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021890</a>	Chalfield Bk - source to conf GanBk	
<b>National Grid Reference:</b>	ST 85334 63259		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021870		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R101	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021900</a>	Winford Bk - source to conf R Chew	
<b>National Grid Reference:</b>	ST 57003 63337		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021950		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R102	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021910</a>	GanBk - source to conf Chalfield Bk	
<b>National Grid Reference:</b>	ST 86423 63342		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021870		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R103	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021920</a>	Clackers Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 91117 63780		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027440		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R104	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021930</a>	S Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 88601 65855		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027440		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R105	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021950</a>	R Chew - conf Winford Bk to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 60834 63565		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	
Phytobenthos	Poor (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R106	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021960</a>	Bydemill Bk - source to conf Rlver Avon (Brist)	
<b>National Grid Reference:</b>	ST 89123 69220		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027440		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2n)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R107	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021980</a>	Brislington Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 62006 71632		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Educate landowners on sensitive management practices (urbanisation)	Not In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R108	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021990</a>	Whatley Bk - source to conf Mells R	
<b>National Grid Reference:</b>	ST 71080 45332		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022010		

**Ecological Status**

**Current Status (and certainty that status is less than good)**                      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R109	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022000</a>	Nunney Bk - source to conf Mells R	
<b>National Grid Reference:</b>	ST 72632 44479		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R110	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022010</a>	Mells R - conf Whatley Bk to conf Nunney Bk	
<b>National Grid Reference:</b>	ST 75295 49458		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	Good	Good	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R111	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027610</a>	R Marden - conf Cowage Bk to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 95602 72795		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027440		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Bad (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Bad (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R112	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027620</a>	Cowage Bk - conf unnamed trib to conf R Marden	
<b>National Grid Reference:</b>	ST 99096 74104		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027610		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a, B2n)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a), Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Does not Support Good	Does not Support Good	Technically infeasible (M1j)

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R113	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027640</a>	Cowage Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	SU 02299 76328		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027620		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a, B2n)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1b)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R114	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022080</a>	R Frome - source to conf Maiden Bradley Bk	
<b>National Grid Reference:</b>	ST 76213 42650		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053022100		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Uncertain)	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Good	
Temperature	Good	Good	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Uncertain)	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R115	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027360</a>	Colliters Bk source to conf R Avon (Brist New Cut)	
<b>National Grid Reference:</b>	ST 56343 70528		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Land Drainage, Urbanisation, Water Regulation (impoundment release)		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b, M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R116	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021790</a>	R Biss - conf Bitham Bk to conf unnamed trib	
<b>National Grid Reference:</b>	ST 87080 56006		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021810		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a, B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R117	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021870</a>	Chalfield Bk - conf GanBk to conf Semington Bk
<b>National Grid Reference:</b>	ST 87588 63162	
<b>Current Overall Status</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109053027440	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R118	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021530</a>	Pitland Rhyne - source to conf R Axe	
<b>National Grid Reference:</b>	ST 32058 55095		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB540805210900		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R119	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027580</a>	Bradley Bk - source to conf Stoke Bk	
<b>National Grid Reference:</b>	ST 62665 81725		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027570		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R120	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021940</a>	Unnamed trib - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 92718 66805		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027440		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R121	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021760</a>	Unnamed trib - source to conf Biss Bk	
<b>National Grid Reference:</b>	ST 84545 52986		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021780		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R122	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021830</a>	Paxcroft Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	ST 88290 58683		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053021810		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R123	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026610</a>	Ozleworth Bk - source to conf Little Avon R	
<b>National Grid Reference:</b>	ST 78903 92299		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054026600		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R124	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027650</a>	R Avon (Brist) conf Tetbury Avon to conf R Marden	
<b>National Grid Reference:</b>	ST 95546 76651		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027440		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	
Phytobenthos	Poor (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Good	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)** Good

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	High	High	
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
para - para DDT	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R125	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026640</a>	Redwick Common Rhine - source to conf The Pill
<b>National Grid Reference:</b>	ST 55365 84804	
<b>Current Overall Potential</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage	
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a), Technically infeasible (B2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R126	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022300</a>	Lam Bk - source to conf R Avon (Brist)	
<b>National Grid Reference:</b>	ST 74680 69332		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027370		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R127	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053021970</a>	The Malago - source to conf R Avon (Brist New Cut)
<b>National Grid Reference:</b>	ST 58070 70591	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection, Urbanisation	
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Alteration of channel bed (within culvert)	<b>Not In Place</b>
Re-opening existing culverts	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R128	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027690</a>	Sherston Avon	
<b>National Grid Reference:</b>	ST 87419 87212		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109053027650		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R129	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027790</a>	Shire bourne
<b>National Grid Reference:</b>	ST 88050 90485	
<b>Current Overall Status</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109053027780	

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R130	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021650</a>	Blackditch Rhyne
<b>National Grid Reference:</b>	ST 43190 67607	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage	
<b>Downstream Waterbody ID:</b>	GB109052021680	

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate water level management strategies, including timing and volume of water moved	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R131	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053022040</a> Willow brook.	
<b>National Grid Reference:</b>	ST 97830 69127	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109053022070	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R132	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027430</a>	Chapel Pill
<b>National Grid Reference:</b>	ST 53561 75776	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R133	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027470</a>	Easton in Gordano stream	
<b>National Grid Reference:</b>	ST 51361 75778		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Flood Protection, Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R134	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026680</a> Hill Pill	
<b>National Grid Reference:</b>	ST 63033 97033	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage	
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Bad (Very Certain)	Bad	Technically infeasible (A2b)
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Bad (Very Certain)	Bad	Technically infeasible (A2b)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R135	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109053027630</a>	Woodhill w/c & Hopstone
<b>National Grid Reference:</b>	SU 04811 77315	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109053027620	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R136	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026710</a>	Worldsend Rhyne
<b>National Grid Reference:</b>	ST 65249 97583	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage	
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Macrophytes	Moderate (Very Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Poor (Very Certain)	Poor	Technically infeasible (A2a)
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Poor (Very Certain)	Poor	Technically infeasible (A2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R137	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109052021560</a>	Hook Pill - source to conf R Axe Estuary	
<b>National Grid Reference:</b>	ST 30635 56995		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Lake - L1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30943096</a>	Chew Valley lake	
<b>National Grid Reference:</b>	ST 56830 59656		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Macrophytes	High	High	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Phytoplankton	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Total Phosphorus	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30943135</a>	Blagdon Lake	
<b>National Grid Reference:</b>	ST 51239 59794		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Very Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Macrophytes	High	High	
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (P2a)
Phytoplankton	Poor (Very Certain)	Poor	Technically infeasible (P2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Total Phosphorus	Bad (Very Certain)	Poor	Technically infeasible (P2a)
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30943348</a>	Cheddar Reservoir	
<b>National Grid Reference:</b>	ST 44164 53765		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Drinking Water		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)
Macrophytes	Good	Good	
Phytobenthos	High	High	
Phytoplankton	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
Total Phosphorus	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30942598</a>	Monkswood Reservoir	
<b>National Grid Reference:</b>	ST 75721 71114		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L5	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30942798</a>	Barrow Reservoir
<b>National Grid Reference:</b>	ST 54270 67981	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30943528</a>	unnamed	
<b>National Grid Reference:</b>	ST 54550 50829		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Recreation, Wider Environment		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

## B.6 Severn Uplands river catchment

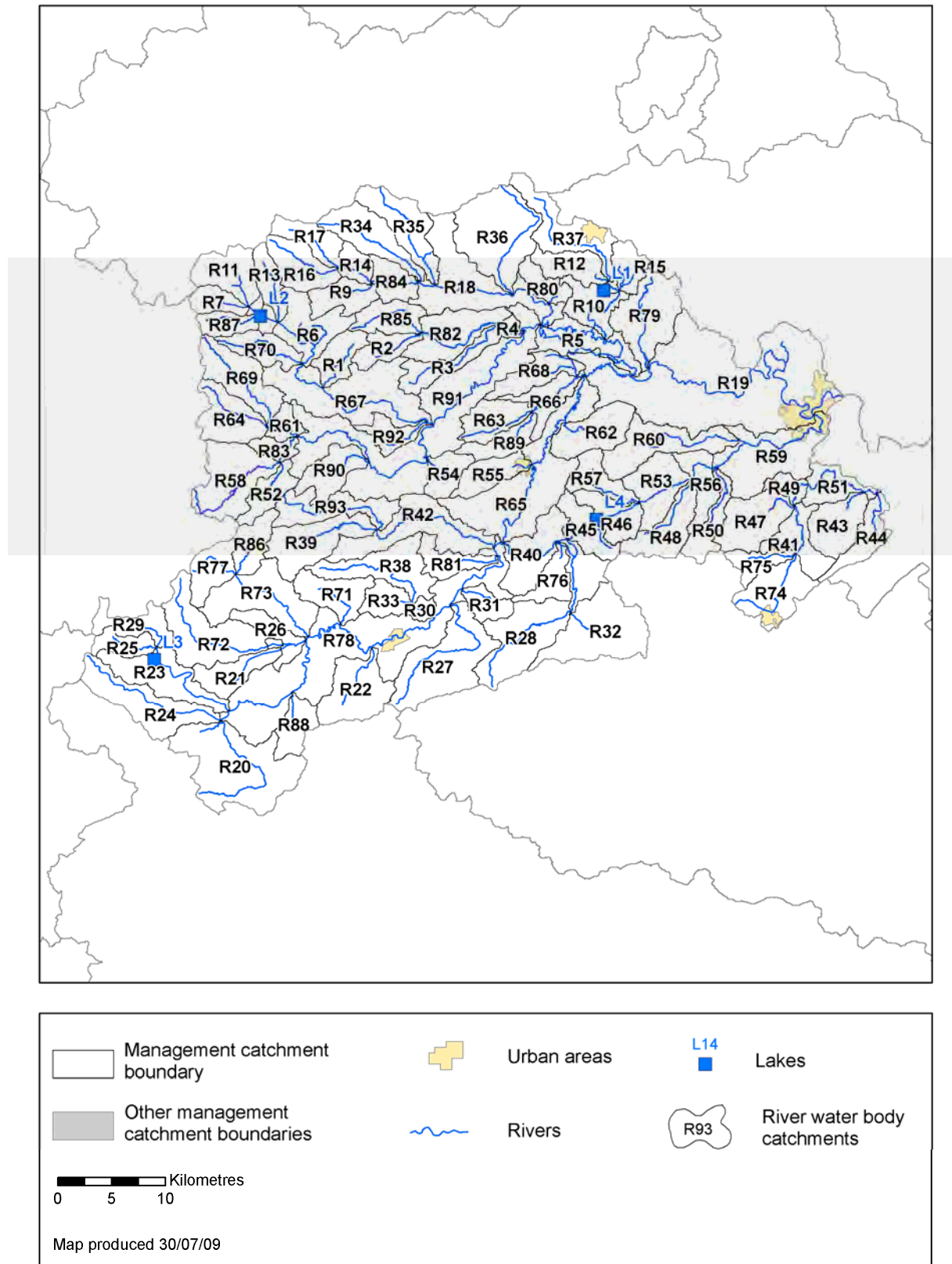
### Rivers and lakes

There are 93 river water bodies (of which 12 are designated as heavily modified) and 4 lake water bodies (of which 3 are designated as heavily modified) within the Severn Uplands river catchment.

Figure B.6.1 **Status objectives for rivers and lakes in the Severn Uplands river catchment**

Water body category	Status objective				Total number of water bodies
	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Rivers	51	51	81	30	81
Lakes	0	0	1	1	1
Heavily modified Water bodies	4	4	15	11	15
Artificial water bodies	0	0	0	0	0

Figure B.6.2 River and lake water bodies in the Severn Uplands river catchment



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## **Water body tables for rivers and lakes in the Severn Uplands catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049760</a>	Nant Llwydiarth - source to conf Afon Vyrnwy	
<b>National Grid Reference:</b>	SJ 05294 16954		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049720		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049770</a>	Nant Alan - source to conf Afon Cain	
<b>National Grid Reference:</b>	SJ 11212 18877		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049820		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049780</a>	The Brogan - source to conf Afon Cain	
<b>National Grid Reference:</b>	SJ 16978 17514		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049790		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049790</a>	Afon Cain - conf The Brogan to conf Afon Vyrnwy	
<b>National Grid Reference:</b>	SJ 21508 19905		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049850		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049800</a>	Afon Vyrnwy - conf Afon Tanat to conf R Severn	
<b>National Grid Reference:</b>	SJ 30713 19240		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054049142		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)

**Ecological Potential Assessment**

<b>Element</b>	<b>Current status</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049880</a>	R Vrynwy - Lake Vrynwy to conf Afon Cownwy	
<b>National Grid Reference:</b>	SJ 04358 19952		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Flood Protection, Urbanisation, Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054049720		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>Not In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>Not In Place</b>
Provide flows to move sediment downstream.	<b>Not In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049890</a>	Eunant - source to Lake Vyrnwy (Pont Eunant)	
<b>National Grid Reference:</b>	SH 95999 22489		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049870		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049900</a>	R Morda - conf unnamed trib to conf unnamed trib	
<b>National Grid Reference:</b>	SJ 30935 24147		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049930		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049920</a>	Hirnant - source to conf Afon Tanat	
<b>National Grid Reference:</b>	SJ 07331 23954		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049960		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049930</a>	R Morda - conf unnamed trib to conf Afon Vyrnwy	
<b>National Grid Reference:</b>	SJ 28945 22041		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB109054049800		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Set-back embankments	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Improve floodplain connectivity	Not In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049970</a>	Afon Nadroedd - source to Lake Vyrnwy	
<b>National Grid Reference:</b>	SH 97560 22031		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049870		

**Ecological Status** *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049980</a>	Unnamed trib - source to conf R Morda	
<b>National Grid Reference:</b>	SJ 29865 24931		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049900		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049990</a>	Afon Cedig - source to Lake Vyrnwy	
<b>National Grid Reference:</b>	SH 99606 23865		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049880		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050000</a>	Afon Tanat - conf Afon Eirth to conf Hirnant	
<b>National Grid Reference:</b>	SJ 07376 25772		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049960		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050010</a>	Unnamed trib - source to conf R Morda	
<b>National Grid Reference:</b>	SJ 31951 25229		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049930		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050020</a>	Afon Tanat - source to conf Afon Eirth	
<b>National Grid Reference:</b>	SJ 02170 26510		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050000		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050040</a>	Afon Eirth - source to conf Afon Tanat	
<b>National Grid Reference:</b>	SJ 03561 28171		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050000		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050050</a>	Afon Tanat - conf Afon Rhaeadr to conf Afon Vyrnwy	
<b>National Grid Reference:</b>	SJ 21635 23386		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049800		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049142</a>	R Severn - conf Bele Bk to conf Sundorne Bk	
<b>National Grid Reference:</b>	SJ 34430 16851		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Flood Protection, Urbanisation, Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054049141		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Invertebrates	Moderate (Uncertain)	Moderate	Not Required (MS)
Macrophytes	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Diazinon	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place
Sediment management strategies (develop and revise)	In Place
Appropriate techniques (invasive species)	In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	In Place
Improve floodplain connectivity	Not In Place
Set-back embankments	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Fail (Quite Certain)
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Anthracene	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	High	High	
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044580</a>	Afon Dulas - source to conf R Severn
<b>National Grid Reference:</b>	SN 98640 78327	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054049310	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2p, C2a)
Invertebrates	Good	Good	
Macrophytes	Good	Good	
Phytobenthos	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044720</a>	Afon Cerist - source to conf Afon Trannon	
<b>National Grid Reference:</b>	SN 97647 89803		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044730</a>	Mochdre Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 07206 88259		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044760</a>	Afon Clywedog - Clywedog Dam to R Severn	
<b>National Grid Reference:</b>	SN 91291 87843		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>In Place</b>
Provide flows to move sediment downstream.	<b>In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044790</a>	R Severn - source to conf Afon Dulas
<b>National Grid Reference:</b>	SN 87582 85786	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054049310	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	
Macrophytes	High	High	
Phytobenthos	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044800</a>	Afon Lwyd - source to conf Llyn Clywedog	
<b>National Grid Reference:</b>	SN 86552 90561		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054044760		

**Ecological Potential**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

**Mitigation Measure**

**Status**

Ensure there is an appropriate baseline flow regime downstream of the impoundment.

**In Place**

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044840</a>	Afon Cerist - conf Afon Trannon to conf R Severn	
<b>National Grid Reference:</b>	SO 01893 91088		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044850</a>	The Mule - source to conf R Severn	
<b>National Grid Reference:</b>	SO 16500 90470		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044860</a>	Caebitra Bk - source to conf R Camlad	
<b>National Grid Reference:</b>	SO 20710 90581		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049290		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (S2b)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044870</a>	Afon Clwedog - source to conf Afon Lwyd	
<b>National Grid Reference:</b>	SN 88075 92455		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044760		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044880</a>	Bechan Bk - conf Highgate Bk to conf R Severn	
<b>National Grid Reference:</b>	SO 13305 93973		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044900</a>	Unnamed trib - source to conf R Severn	
<b>National Grid Reference:</b>	SO 18414 95733		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044910</a>	R Camlad - source to conf Caebitra Bk	
<b>National Grid Reference:</b>	SO 28007 92978		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049290		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044920</a>	Highgate Bk - source to conf Bechan Bk	
<b>National Grid Reference:</b>	SO 11588 94902		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044880		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055040</a>	Afon Rhaeadr - source to conf Afon Tanat	
<b>National Grid Reference:</b>	SJ 09032 28416		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050050		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055050</a>	Afon Iwrch - source to conf Afon Tanat	
<b>National Grid Reference:</b>	SJ 12259 30359		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050050		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055060</a>	Afon Cynllaith - source to conf Afon Tanat	
<b>National Grid Reference:</b>	SJ 22367 29052		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050050		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055070</a>	R Morda - source to conf unnamed trib	
<b>National Grid Reference:</b>	SJ 25192 28731		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049900		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Moderate (Quite Certain)	Moderate	Technically infeasible (B2r)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049330</a>	Bechan Bk - source to conf Highgate Bk	
<b>National Grid Reference:</b>	SO 10146 98158		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044880		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2s, S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049350</a>	Afon Rhiw (S arm) - Ty-newydd to Dwyrhiew	
<b>National Grid Reference:</b>	SJ 07460 02149		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049410		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049380</a>	R Camlad - conf Caebitra Bk to conf R Severn	
<b>National Grid Reference:</b>	SO 25098 99767		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049700		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (S2b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R41	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049400</a>	Cound Bk - conf unnamed trib to conf unnamed trib	
<b>National Grid Reference:</b>	SJ 48631 01924		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049490		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R42	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049410</a>	Afon Rhiw (conf N and S arm) to conf R Severn	
<b>National Grid Reference:</b>	SJ 13695 02780		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R43	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049420</a>	Row Bk - source to conf Cound Bk	
<b>National Grid Reference:</b>	SJ 53184 04677		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049510		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R44	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049430</a>	Coundmoor Bk - source to conf Cound Bk	
<b>National Grid Reference:</b>	SJ 55207 03356		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049510		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R45	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049440</a>	Aylesford Bk - source to conf R Camlad	
<b>National Grid Reference:</b>	SJ 29079 01662		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049380		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R46	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049450</a>	Rea Bk - source to conf Rowley Bk	
<b>National Grid Reference:</b>	SJ 30634 02968		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049450		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R47	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049460</a>	Unnamed trib - source to conf Cound Bk	
<b>National Grid Reference:</b>	SJ 46547 04605		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049490		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R48	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049480</a>	Minsterley Bk - source to conf Rea Bk	
<b>National Grid Reference:</b>	SJ 36623 03113		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049570		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	
Phytobenthos	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C3a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R49	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049490</a>	Cound Bk - conf unnamed trib to conf Condover Br	
<b>National Grid Reference:</b>	SJ 48056 05267		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049510		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R50	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049500</a>	Pontesford Bk - source to conf Rea Bk	
<b>National Grid Reference:</b>	SJ 41145 04518		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049630		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R51	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049510</a>	Cound Bk - Conover Br to conf R Severn	
<b>National Grid Reference:</b>	SJ 51566 06421		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049141		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R52	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049520</a>	Cledan - source to conf Afon Gam	
<b>National Grid Reference:</b>	SH 99920 06777		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049600		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R53	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049540</a>	Rea Bk - conf Rowley Bk to conf Minsterley Bk	
<b>National Grid Reference:</b>	SJ 35866 05395		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049570		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R54	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049550</a>	Unnamed trib - source to conf Afon Banwy	
<b>National Grid Reference:</b>	SJ 14477 07526		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049850		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R55	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049560</a>	Lledan Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SJ 22199 07749		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049700		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R56	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049570</a>	Rea Bk - conf Minsterley Bk to conf Pontesford Bk	
<b>National Grid Reference:</b>	SJ 39170 07757		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049630		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Phytobenthos	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R57	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049580</a>	Rowley Bk - source to conf Rea Bk	
<b>National Grid Reference:</b>	SJ 30551 05208		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049540		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R58	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049590</a>	Afon Gam - source to conf Cledan	
<b>National Grid Reference:</b>	SH 93541 03517		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049600		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R59	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049630</a>	Rea Bk - conf Pontesford Bk to conf R Severn	
<b>National Grid Reference:</b>	SJ 46503 09204		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049142		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R60	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049640</a>	Wbury Bk - source to conf Rea Bk	
<b>National Grid Reference:</b>	SJ 38260 09444		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049630		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R61	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049650</a>	Afon Banwy - conf Afon Twrch to conf Afon Gam
<b>National Grid Reference:</b>	SJ 00500 11300	
<b>Current Overall Status</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054049850	

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R62	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049660</a>	Pwll Trewern - source to conf R Severn	
<b>National Grid Reference:</b>	SJ 27650 10885		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049700		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2l, B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R63	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049670</a>	Guilsfield Bk - source to conf Nant Rhyd-y-Moch	
<b>National Grid Reference:</b>	SJ 20401 11202		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049710		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R64	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049690</a>	Afon Banwy - source to conf Afon Twrch	
<b>National Grid Reference:</b>	SH 95504 12576		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049650		

**Ecological Status** *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R65	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049700</a>	R Severn - conf R Camlad to conf Bele Bk	
<b>National Grid Reference:</b>	SJ 24978 09747		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054049142		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Bad (Very Certain)	Good	
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1e)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R66	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049710</a>	Bele Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SJ 26373 14886		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049142		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R67	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049720</a>	Afon Vyrnwy - conf Afon Cownwy to conf Afon Banwy
<b>National Grid Reference:</b>	SJ 09716 13713	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>	GB109054049850	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Not Required (MS)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R68	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049730</a>	Neath Bk - source to conf Bele Bk	
<b>National Grid Reference:</b>	SJ 26392 17734		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049710		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R69	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049740</a>	Afon Twrch - source to conf Afon Banwy	
<b>National Grid Reference:</b>	SH 96800 15651		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049650		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Uncertain)	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R70	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049750</a>	Afon Cownwy - source to conf Afon Vyrnwy
<b>National Grid Reference:</b>	SH 95973 18795	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>	GB109054049720	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	
Phytobenthos	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>Not In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>Not In Place</b>
Provide flows to move sediment downstream.	<b>Not In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R71	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049220</a>	Nant Rhyd-ros lan - source to conf R Severn	
<b>National Grid Reference:</b>	SO 06009 94853		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R72	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049230</a>	Afon Trannon - source to nr Argoed	
<b>National Grid Reference:</b>	SN 97007 90360		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044770		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R73	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049250</a>	Afon Carno - conf Afon Cwm-llwyd to conf R Severn
<b>National Grid Reference:</b>	SN 99827 95060	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054049310	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R74	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049260</a>	Cound Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	SO 46188 95076		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049400		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R75	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049270</a>	Unnamed trib - source to conf Cound Bk	
<b>National Grid Reference:</b>	SO 45855 99368		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049400		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R76	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049290</a>	Unnamed trib - source to conf R Camlad	
<b>National Grid Reference:</b>	SO 26217 99944		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049380		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R77	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049300</a>	Afon Carno - source to conf Afon Cwm-Ilwyd	
<b>National Grid Reference:</b>	SN 93948 98985		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049250		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R78	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049310</a>	R Severn - conf Afon Dulas to conf R Camlad	
<b>National Grid Reference:</b>	SO 18294 97360		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054049700		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Not Required (MS)
Invertebrates	High	High	
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	Moderate (Very Certain)	High	
Diazinon	High	High	
Iron	High	High	
Linuron	High	High	
Mecoprop	High	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)** Fail (Very Certain)

**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Cadmium And Its Compounds	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Chlorfenvinphos	High	High	
Diuron	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Isoproturon	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Trichlorobenzenes	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
para - para DDT	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R79	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049940</a>	Weir Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SJ 33438 19299		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection		
<b>Downstream Waterbody ID:</b>	GB109054049142		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (HR4a)
Invertebrates	Good	Good	
Phytobenthos	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1o)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)

**Ecological Potential Assessment**

<b>Element</b>	<b>Current status</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R80	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049950</a>	Unnamed trib - source to conf Afon Tanat	
<b>National Grid Reference:</b>	SJ 25297 22974		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050050		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R81	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049320</a>	Llifior Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 18239 98715		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R82	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049820</a>	Afon Cain - conf Nant Fyllon to conf The Brogan	
<b>National Grid Reference:</b>	SJ 16796 18940		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049790		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	
Phytobenthos	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R83	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049600</a>	Afon Gam - conf Cledan to conf Afon Banwy	
<b>National Grid Reference:</b>	SJ 00857 08953		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049850		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Quite Certain)	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R84	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049960</a>	Afon Tanat - conf Hirnant to conf Afon Rhaeadr	
<b>National Grid Reference:</b>	SJ 10487 24562		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050050		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R85	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049860</a>	Nant Fyllon - source to conf Afon Cain	
<b>National Grid Reference:</b>	SJ 10481 21819		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049820		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R86	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049370</a>	Afon Cwm-Ilwyd - source to conf Afon Carno	
<b>National Grid Reference:</b>	SN 96875 99175		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049250		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R87	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049810</a>	Afon Hirddu - source to Lake Vyrnwy	
<b>National Grid Reference:</b>	SH 95731 21251		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049830		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R88	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044650</a>	Nant Feinion - source to conf R Severn	
<b>National Grid Reference:</b>	SO 01266 84677		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049310		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R89	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049610</a>	Nant Rhyd-y-Moch - source to conf Guilsfield Bk	
<b>National Grid Reference:</b>	SJ 22717 11327		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049710		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R90	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049840</a>	Afon Einion - source to conf Afon Banwy	
<b>National Grid Reference:</b>	SJ 06943 08590		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049850		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R91	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049850</a>	Afon Banwy - conf Afon Gam to Afon Vyrnwy	
<b>National Grid Reference:</b>	SJ 11117 07274		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054049800		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R92	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049620</a>	Yr Hafesb - source to conf Afon Banwy	
<b>National Grid Reference:</b>	SJ 12028 10130		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049720		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R93	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049470</a>	Afon Rhiw (N Arm) - Llyn y Bugail to Dwyrhiew	
<b>National Grid Reference:</b>	SJ 08094 03833		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049410		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L1	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30935570</a>	Morton Pool
<b>National Grid Reference:</b>	SJ 30145 23974	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Lake - L2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30935568</a>	Lake Vyrnwy / Llyn Efyrynwy	
<b>National Grid Reference:</b>	SH 98253 21622		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
littoral Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)
Phytobenthos	High	High	
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
Total Phosphorus	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1o)
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>In Place</b>
Provide flows to move sediment downstream.	<b>In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>In Place</b>
Enable access to relevant feeder-streams draining into the reservoir at appropriate times for spawning and migration.	<b>In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Management of the risk of fish entrainment in intakes for hydropower turbines or water resource purposes (or pumping stations) where there is downstream fish migration.	<b>Not In Place</b>
Where structures or other mechanisms are in place to enable fish to access waters upstream of the impounding works, the volume and timing of flow releases is sufficient to enable and, where relevant, trigger fish migration.	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	Lake - L3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30937446</a>	Llyn Clywedog
<b>National Grid Reference:</b>	SN 88423 89641	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Total Phosphorus	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>In Place</b>
Provide flows to move sediment downstream.	<b>In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>In Place</b>
Enable access to relevant feeder-streams draining into the reservoir at appropriate times for spawning and migration.	<b>In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Management of the risk of fish entrainment in intakes for hydropower turbines or water resource purposes (or pumping stations) where there is downstream fish migration.	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	Lake - L4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30936881</a>	Marton Pool or Marton Pool, Chirbury	
<b>National Grid Reference:</b>	SJ 29483 02727		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

## B.7 Severn Vale river catchment

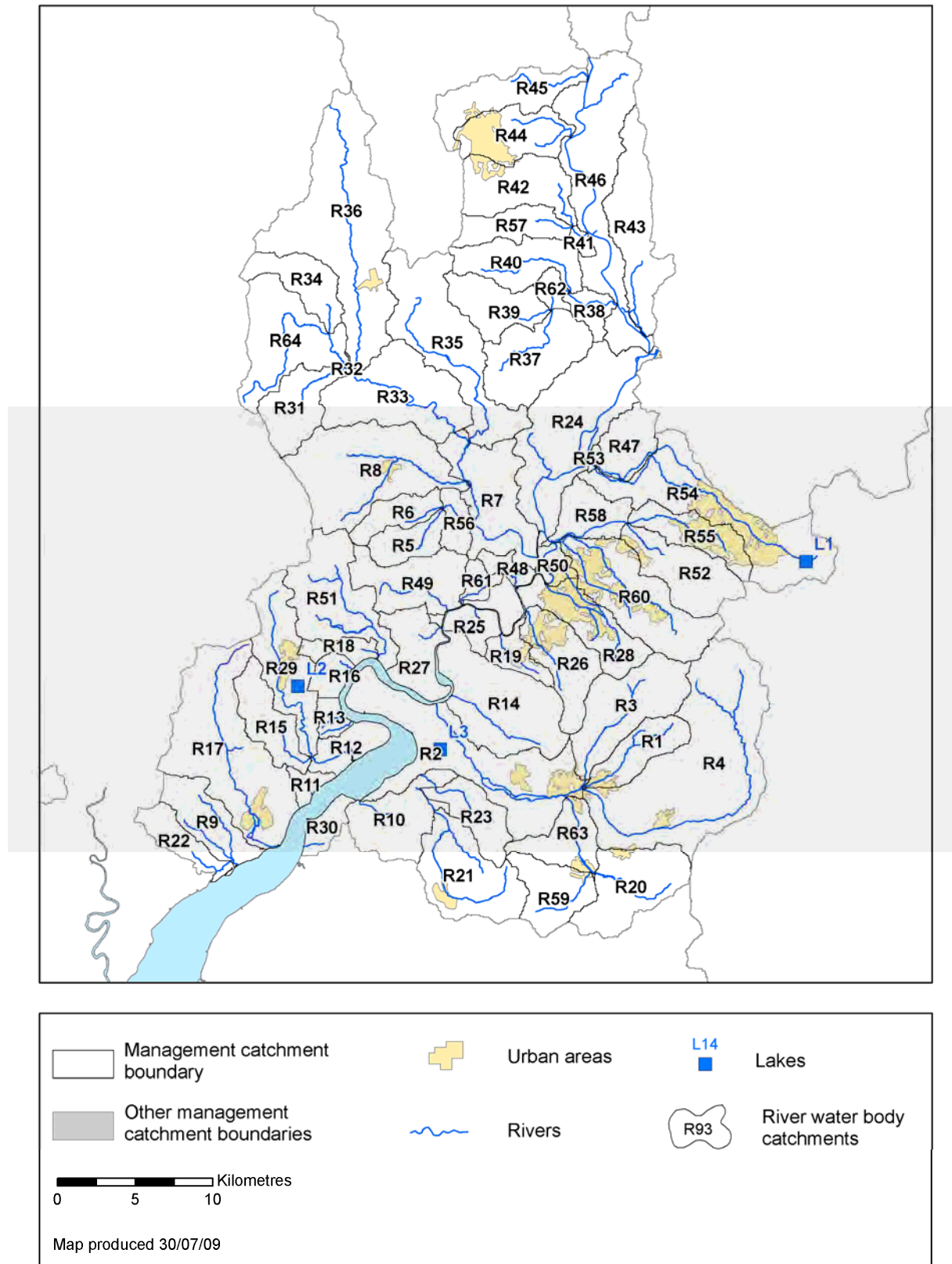
### Rivers and lakes

There are 64 river water bodies (of which 19 are designated as heavily modified) and 3 lake water bodies (of which 1 are designated as heavily modified) within the Severn Vale river catchment.

Figure B.7.1 **Status objectives for rivers and lakes in the Severn Vale river catchment**

Water body category	Status objective				Total number of water bodies
	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Rivers	3	3	41	38	41
Lakes	0	0	1	1	1
Heavily modified Water bodies	2	2	20	18	20
Artificial water bodies	0	0	5	5	5

Figure B.7.2 River and lake water bodies in the Severn Vale river catchment



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## **Water body tables for rivers and lakes in the Severn Vale catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.



<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032440</a>	Slad Bk - source to conf Painswick Str	
<b>National Grid Reference:</b>	SO 86277 05837		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB209054032450		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2p)
Invertebrates	Good	Good	
Macrophytes	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Phytobenthos	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB209054032450</a>	R Frome - Slad Bk to R Severn	
<b>National Grid Reference:</b>	SO 80107 04626		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a)
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
2,4-dichlorophenol	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Permethrin	High	High	
Phenol	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Hexachlorobenzene	High	High	
Hexachlorocyclohexane	High	High	
Isoproturon	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032460</a>	Painswick Str - source to conf Slad Bk	
<b>National Grid Reference:</b>	SO 85084 07433		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB209054032450		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2s)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
2,4-dichlorophenol	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Permethrin	High	High	
Phenol	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

Current Status (and certainty that status is less than good)	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Hexachlorobenzene	High	High	
Hexachlorocyclohexane	High	High	
Isoproturon	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032470</a>	R Frome - source to conf Slad Bk	
<b>National Grid Reference:</b>	SO 92475 03057		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB209054032450		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032480</a>	Huntley-Tibberton Bk - source to conf Red Bk	
<b>National Grid Reference:</b>	SO 74645 21870		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054032490		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032500</a>	Red Bk - source to conf Huntley-Tibberton Bk	
<b>National Grid Reference:</b>	SO 74458 22707		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054032490		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032510</a>	R Leadon - Glynch Bk to conf R Severn (W Channel)	
<b>National Grid Reference:</b>	SO 79798 21748		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)**                      Good

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chlorfenvinphos	High	High	
Diuron	High	High	
Isoproturon	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032520</a>	EII Bk - source to conf R Leadon	
<b>National Grid Reference:</b>	SO 71105 24127		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054032510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a), Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032530</a>	Warth Bk - source to R Severn Estuary	
<b>National Grid Reference:</b>	SO 61450 02749		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032540</a>	Gilgal Bk - source to Severn R Estuary	
<b>National Grid Reference:</b>	SO 74998 03724		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032550</a>	Lanes Bk - source to R Severn Estuary
<b>National Grid Reference:</b>	SO 66921 05027	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032560</a>	Cinderford Bk conf Blackpool Bk to Severn Estuary	
<b>National Grid Reference:</b>	SO 69048 07253		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032570</a>	Unnamed trib - source to R Severn Estuary	
<b>National Grid Reference:</b>	SO 68801 08839		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032600</a>	Epney Rhyne - source to conf R Severn Estuary
<b>National Grid Reference:</b>	SO 78143 09782	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Land Drainage	
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Invertebrates	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>Not In Place</b>
Sediment management strategies (develop and revise)	<b>Not In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Appropriate techniques (invasive species)	<b>Not In Place</b>
Appropriate timing (vegetation control)	<b>Not In Place</b>
Appropriate vegetation control technique	<b>Not In Place</b>
Selective vegetation control regime	<b>Not In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Improve floodplain connectivity	<b>Not In Place</b>
Set-back embankments	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032610</a>	Blackpool Bk - source to conf Cinderford Bk	
<b>National Grid Reference:</b>	SO 65428 07428		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054032560		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032620</a>	Unnamed trib - source to R Severn Estuary	
<b>National Grid Reference:</b>	SO 69380 13032		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032640</a>	Cannop Bk - source to R Severn Estuary	
<b>National Grid Reference:</b>	SO 60988 12600		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Navigation		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Very Certain)	Moderate	Disproportionately expensive (HR2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Remove obsolete structure	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Good
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**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032650</a>	Unnamed drain of Wbury Bk, Elton	
<b>National Grid Reference:</b>	SO 70896 13923		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032660</a>	Dimore Bk - source to conf R Severn Estuary	
<b>National Grid Reference:</b>	SO 80162 13620		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate vegetation control technique	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Increase in-channel morphological diversity	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Improve floodplain connectivity	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Remove obsolete structure	Not In Place
Selective vegetation control regime	Not In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate techniques (invasive species)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Sediment management strategies (develop and revise)	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026520</a>	Nailsworth Str - source to conf Horsley Str	
<b>National Grid Reference:</b>	ST 85392 99590		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054026530		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026550</a>	The Cam R source to conf Glos and Sharpness Canal
<b>National Grid Reference:</b>	ST 76560 97935	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Urbanisation	
<b>Downstream Waterbody ID:</b>	GB109054032540	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Not Required (MS)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	Disproportionately expensive (P1a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	
Temperature	High	High	
2,4-dichlorophenol	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Iron	High	High	
Linuron	High	High	
Mecoprop	High	High	
Permethrin	High	High	
Phenol	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	



### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Educate landowners on sensitive management practices (urbanisation)	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Re-opening existing culverts	Not In Place
Increase in-channel morphological diversity	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Remove obsolete structure	Not In Place

### Chemical Status

Current Status (and certainty that status is less than good)	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Hexachlorobenzene	High	High	
Hexachlorocyclohexane	High	High	
Isoproturon	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026560</a>	Cone Bk - source to R Severn Estuary	
<b>National Grid Reference:</b>	SO 60128 00171		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (S2a)
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026570</a>	Wicksters Bk source to conf Glos and Sharpness Cnl	
<b>National Grid Reference:</b>	SO 76132 04933		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109054032540		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>Not In Place</b>
Sediment management strategies (develop and revise)	<b>Not In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Appropriate timing (vegetation control)	<b>Not In Place</b>
Appropriate vegetation control technique	<b>Not In Place</b>
Selective vegetation control regime	<b>Not In Place</b>
Improve floodplain connectivity	<b>Not In Place</b>
Set-back embankments	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044404</a>	R Severn - conf R Avon to conf Upper Parting
<b>National Grid Reference:</b>	SO 86869 30406	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection, Navigation, Urbanisation	
<b>Downstream Waterbody ID:</b>	GB530905415403	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1e)
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Diazinon	High	High	
Iron	High	High	
Permethrin	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management	In Place
Bank rehabilitation / reprofiling	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Alter timing of dredging / disposal	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Manage disturbance	In Place
Modify vessel design	In Place
Vessel Management	In Place
Reduce sediment resuspension	In Place
Phased de-watering and other techniques	In Place
Increase in-channel morphological diversity	Not In Place
Set-back embankments	Not In Place
Improve floodplain connectivity	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Sediment management strategies (develop and revise)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Appropriate techniques (invasive species)	Not In Place
Remove obsolete structure	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate vegetation control technique	Not In Place
Selective vegetation control regime	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Fail (Uncertain)
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<b>Chemical elements</b>
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<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
1,2-dichloroethane	High	High	
Anthracene	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032670</a>	Broadmeadow Bank Ditch - source to Severn Estuary	
<b>National Grid Reference:</b>	SO 77720 16210		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Appropriate water level management strategies, including timing and volume of water moved	Not In Place
Sediment management strategies (develop and revise)	Not In Place
Appropriate techniques (invasive species)	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate vegetation control technique	Not In Place
Selective vegetation control regime	Not In Place
Improve floodplain connectivity	Not In Place
Set-back embankments	Not In Place
Increase in-channel morphological diversity	Not In Place



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032680</a>	Daniel's Bk - source to conf R Severn Estuary	
<b>National Grid Reference:</b>	SO 82555 13529		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Not Required (MS)
Invertebrates	Moderate (Uncertain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Increase in-channel morphological diversity	Not In Place
Re-opening existing culverts	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Improve floodplain connectivity	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Remove obsolete structure	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate vegetation control technique	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate techniques (invasive species)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032690</a>	Unnamed trib - source to R Severn Estuary	
<b>National Grid Reference:</b>	SO 74806 14841		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Sediment management strategies (develop and revise)	<b>Not In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Appropriate timing (vegetation control)	<b>Not In Place</b>
Appropriate vegetation control technique	<b>Not In Place</b>
Selective vegetation control regime	<b>Not In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Improve floodplain connectivity	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032700</a>	Sud Bk - source to conf R Severn Estuary	
<b>National Grid Reference:</b>	SO 83856 18374		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Increase in-channel morphological diversity	Not In Place
Re-opening existing culverts	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Remove obsolete structure	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Selective vegetation control regime	Not In Place
Appropriate vegetation control technique	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate techniques (invasive species)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032710</a>	Cinderford Bk - source to conf Blackpool Bk	
<b>National Grid Reference:</b>	SO 65646 10257		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054032560		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a), Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026690</a>	Unnamed trib - source to R Severn Estuary	
<b>National Grid Reference:</b>	SO 67273 01490		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039550</a>	Kempley Bk - source to conf R Leadon	
<b>National Grid Reference:</b>	SO 67963 31589		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039560		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2m)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039560</a>	Preston Bk - conf Kempley Bk to conf R Leadon	
<b>National Grid Reference:</b>	SO 69583 32294		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039570		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a), Technically infeasible (S2b)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039570</a>	R Leadon - conf Preston Bk to conf Glynch Bk	
<b>National Grid Reference:</b>	SO 73688 29825		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054032510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	
Macrophytes	Good	Good	
Phytobenthos	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1o)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Chlorfenvinphos	High	High	
Diuron	High	High	
Isoproturon	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039610</a>	Ludstock Bk - source to conf Preston Bk	
<b>National Grid Reference:</b>	SO 68287 35349		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039590		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039620</a>	Glynch Bk - source to conf R Leadon	
<b>National Grid Reference:</b>	SO 77977 29927		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054032510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039640</a>	R Leadon - source to conf Preston Bk	
<b>National Grid Reference:</b>	SO 69487 41514		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039570		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

Current Status (and certainty that status is less than good)	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chlorfenvinphos	High	High	
Diuron	High	High	
Isoproturon	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039650</a>	Longdon Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	SO 81607 33506		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039680		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039660</a>	Bushley Bk - conf MarlBank Bk to conf R Severn	
<b>National Grid Reference:</b>	SO 85207 36426		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039760		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (S2b)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039670</a>	Unnamed trib - source to conf Longdon Bk	
<b>National Grid Reference:</b>	SO 81275 35383		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039680		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039690</a>	MarlBank Bk - source to conf Bushley Bk	
<b>National Grid Reference:</b>	SO 81467 39149		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039660		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Bad (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	
Macrophytes	Good	Good	
Phytobenthos	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R41	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039700</a>	Pool Bk - ocnfluence Mere Bk to conf R Severn	
<b>National Grid Reference:</b>	SO 84402 40719		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039760		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Quite Certain)	Poor	Disproportionately expensive (P1a), Technically infeasible (B2s)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R42	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039720</a>	Pool Bk - source to conf Mere Bk	
<b>National Grid Reference:</b>	SO 83384 42497		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039700		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R43	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039730</a>	Ripple Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 87727 37584		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039760		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R44	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039740</a>	Madresfield Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 81810 48256		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039760		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R45	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039750</a>	Careys Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 82527 50447		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039760		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R46	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039760</a>	R Severn - conf R Teme to conf R Avon	
<b>National Grid Reference:</b>	SO 83786 45103		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Navigation		
<b>Downstream Waterbody ID:</b>	GB109054044404		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1e)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Bank rehabilitation / reprofiling	In Place
Alter timing of dredging / disposal	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Manage disturbance	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Reduce sediment resuspension	In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Improve floodplain connectivity	Not In Place
Set-back embankments	Not In Place
Flood bunds (earth banks, in place of floodwalls)	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Benzo (ghi) perelyene and indeno (123-cd) pyrene	High	High	
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R47	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039770</a>	Leigh Bk - source to conf R Chelt	
<b>National Grid Reference:</b>	SO 88809 26664		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Wider Environment		
<b>Downstream Waterbody ID:</b>	GB109054032810		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R48	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032730</a>	Unnamed trib - source to conf R Severn (W Channel)	
<b>National Grid Reference:</b>	SO 80012 18749		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR4a)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Appropriate techniques (invasive species)	<b>Not In Place</b>
Appropriate timing (vegetation control)	<b>Not In Place</b>
Appropriate vegetation control technique	<b>Not In Place</b>
Selective vegetation control regime	<b>Not In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Improve floodplain connectivity	<b>Not In Place</b>
Set-back embankments	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>
Remove obsolete structure	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R49	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032740</a>	Ley Bk - source to R Severn Estuary	
<b>National Grid Reference:</b>	SO 73674 18014		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (S2b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R50	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032750</a>	R Severn (E Channel) - Horsebere Bk to Severn Est	
<b>National Grid Reference:</b>	SO 82099 19864		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Navigation, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1e)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Increase in-channel morphological diversity	Not In Place
Re-opening existing culverts	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Improve floodplain connectivity	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Remove obsolete structure	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate vegetation control technique	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate techniques (invasive species)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Sediment management strategies (develop and revise)	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R51	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032770</a>	Wbury Bk - source to mouth	
<b>National Grid Reference:</b>	SO 69401 16541		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
1,2-dichloroethane	High	High	
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Trichloromethane	High	High	
Carbon Tetrachloride	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R52	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032780</a>	Norman's Bk - source to conf Hatherley Bk	
<b>National Grid Reference:</b>	SO 88545 20902		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Land Drainage, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054032800		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b, M3c)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Increase in-channel morphological diversity	Not In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**      Good

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R53	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032810</a>	R Chelt - conf Leigh Bk to conf R Severn	
<b>National Grid Reference:</b>	SO 85039 26087		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109054044404		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Not Required (MS)
Invertebrates	Poor (Quite Certain)	Poor	Not Required (MS)
Phytobenthos	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Improve floodplain connectivity	Not In Place
Set-back embankments	Not In Place
Increase in-channel morphological diversity	Not In Place
Remove obsolete structure	Not In Place

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R54	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032820</a>	R Chelt - source to conf Leigh Bk	
<b>National Grid Reference:</b>	SO 93191 23909		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054032810		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	
Macrophytes	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (B2r)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Increase in-channel morphological diversity	Not In Place
Re-opening existing culverts	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Improve floodplain connectivity	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Remove obsolete structure	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate vegetation control technique	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate techniques (invasive species)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Sediment management strategies (develop and revise)	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R55	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032790</a>	Hatherley Bk - source to conf Norman's Bk	
<b>National Grid Reference:</b>	SO 90882 22292		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054032800		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	<b>In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Educate landowners on sensitive management practices (urbanisation)	<b>Not In Place</b>
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>Not In Place</b>
Appropriate timing (vegetation control)	<b>Not In Place</b>
Appropriate vegetation control technique	<b>Not In Place</b>
Selective vegetation control regime	<b>Not In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Alteration of channel bed (within culvert)	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Fail (Very Certain)

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)

<b>Waterbody Category and Map Code.:</b>	River - R56	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032490</a>	Red Bk conf HuntleyTibberton Bk to conf R Leadon	
<b>National Grid Reference:</b>	SO 76769 22650		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054032510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R57	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039710</a>	Mere Bk - source to conf Pool Bk	
<b>National Grid Reference:</b>	SO 82757 41553		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039700		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	Disproportionately expensive (P1a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R58	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032800</a>	Hatherley Bk - conf Norman's Bk to conf R Severn	
<b>National Grid Reference:</b>	SO 84808 21632		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054032750		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Not Required (MS)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	



### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate channel maintenance strategies and techniques - woody debris	<b>Not In Place</b>
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	<b>Not In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Appropriate timing (vegetation control)	<b>Not In Place</b>
Appropriate vegetation control technique	<b>Not In Place</b>
Selective vegetation control regime	<b>Not In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Improve floodplain connectivity	<b>Not In Place</b>
Set-back embankments	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R59	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026510</a>	Horsley Str - source to conf Nailsworth Str	
<b>National Grid Reference:</b>	ST 83759 97747		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054026530		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Educate landowners on sensitive management practices (urbanisation)	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Re-opening existing culverts	Not In Place
Increase in-channel morphological diversity	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Remove obsolete structure	Not In Place

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R60	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032760</a>	Horsebere Bk - source to conf R Severn
<b>National Grid Reference:</b>	SO 84908 20704	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Urbanisation	
<b>Downstream Waterbody ID:</b>	GB109054032750	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Not Required (MS)
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>
Re-opening existing culverts	<b>Not In Place</b>
Alteration of channel bed (within culvert)	<b>Not In Place</b>
Flood bunds (earth banks, in place of floodwalls)	<b>Not In Place</b>
Set-back embankments	<b>Not In Place</b>
Improve floodplain connectivity	<b>Not In Place</b>
Remove obsolete structure	<b>Not In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Educate landowners on sensitive management practices (urbanisation)	<b>Not In Place</b>
Selective vegetation control regime	<b>Not In Place</b>
Appropriate vegetation control technique	<b>Not In Place</b>
Appropriate timing (vegetation control)	<b>Not In Place</b>
Appropriate techniques (invasive species)	<b>Not In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	<b>Not In Place</b>
Appropriate channel maintenance strategies and techniques - woody debris	<b>Not In Place</b>
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R61	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054032720</a>	Long Bk - source to R Severn Estuary
<b>National Grid Reference:</b>	SO 77377 17557	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R62	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039680</a>	Longdon Bk - conf unnamed trib to conf Bushley Bk	
<b>National Grid Reference:</b>	SO 82667 36508		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039660		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R63	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026530</a>	Nailsworth Str - conf Horsley Str to conf R Frome	
<b>National Grid Reference:</b>	SO 84140 01804		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB209054032450		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
2,4-dichlorophenol	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Permethrin	High	High	
Phenol	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	



### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Educate landowners on sensitive management practices (urbanisation)	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Re-opening existing culverts	Not In Place
Increase in-channel morphological diversity	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Remove obsolete structure	Not In Place

### Chemical Status

Current Status (and certainty that status is less than good)	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Hexachlorobenzene	High	High	
Hexachlorocyclohexane	High	High	
Isoproturon	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R64	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039590</a>	Preston Bk - source to conf Kempley Bk	
<b>National Grid Reference:</b>	SO 65436 32562		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039560		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L1	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940411</a>	Dowdeswell Reservoir
<b>National Grid Reference:</b>	SO 98996 19769	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940714</a>	unnamed	
<b>National Grid Reference:</b>	SO 66257 11691		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Recreation, Wider Environment		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940946</a>	Frampton Gravel Pits
<b>National Grid Reference:</b>	SO 75425 07581	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M1g)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

## B.8 Shropshire Middle Severn river catchment

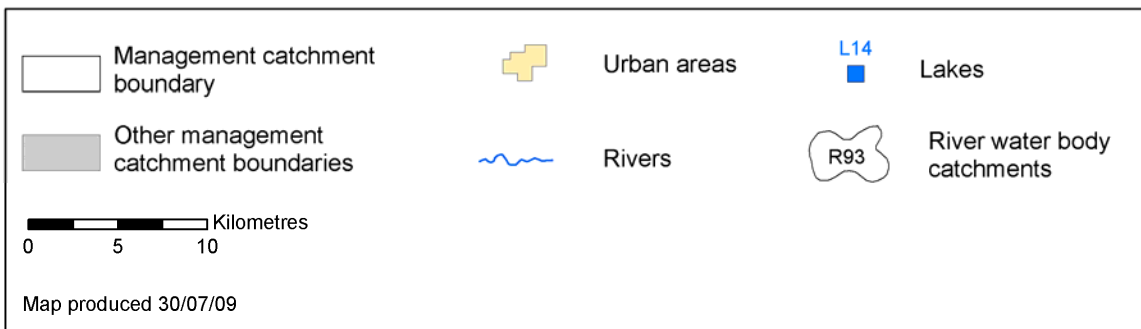
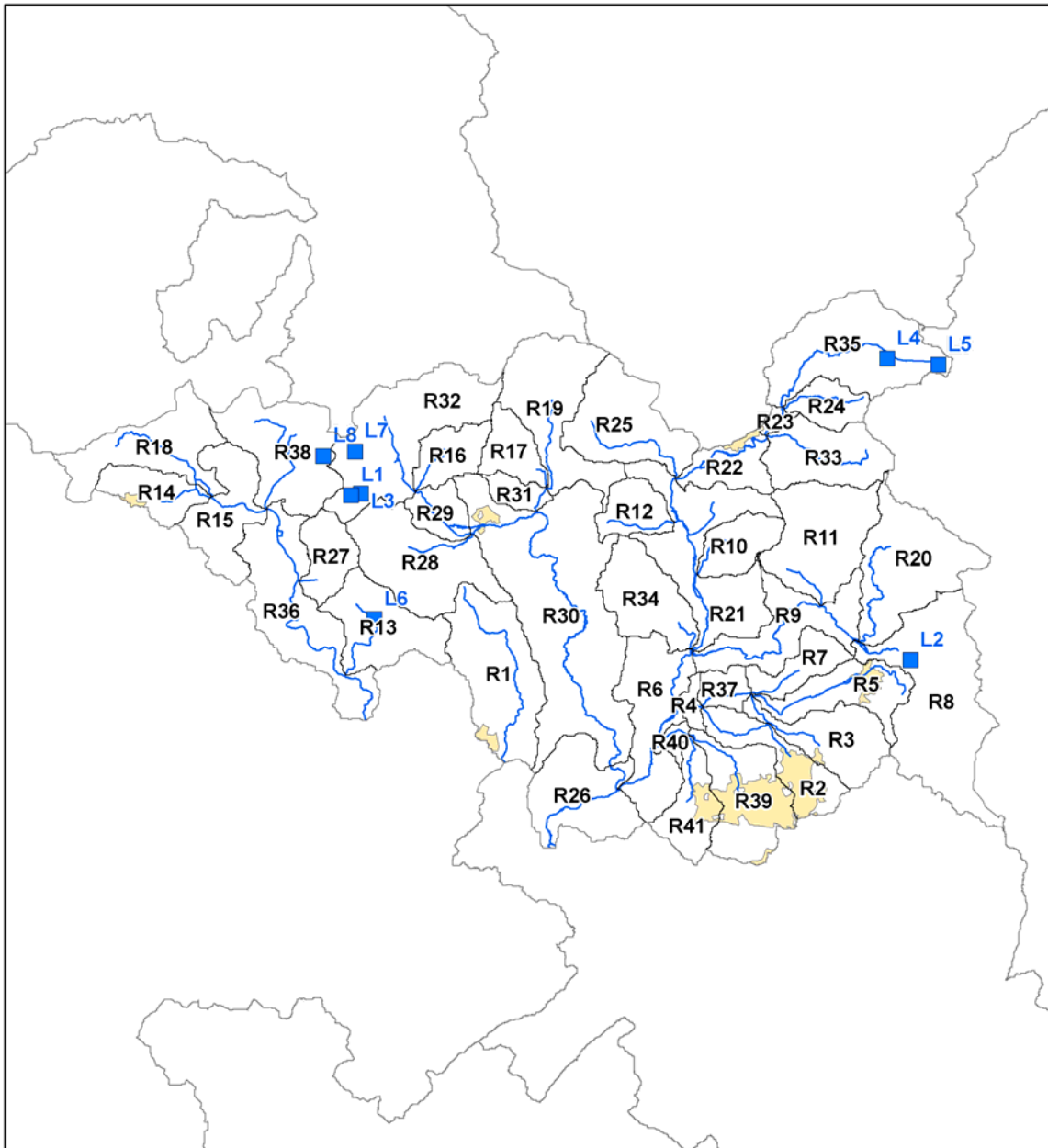
### Rivers and lakes

There are 41 river water bodies (of which 1 are designated as heavily modified) and 8 lake water bodies (of which 3 are designated as heavily modified) within the Shropshire Middle Severn river catchment.

Figure B.8.1 **Status objectives for rivers and lakes in the Shropshire Middle Severn river catchment**

Water body category	Status objective				Total number of water bodies
	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Rivers	2	2	35	33	35
Lakes	0	0	4	4	4
Heavily modified Water bodies	0	0	4	4	4
Artificial water bodies	1	1	6	5	6

Figure B.8.2 River and lake water bodies in the Shropshire Middle Severn river catchment



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## **Water body tables for rivers and lakes in the Shropshire Middle Severn catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049910</a>	Sundorne Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SJ 53150 18811		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049142		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050120</a>	Red Strine - source to conf R Strine	
<b>National Grid Reference:</b>	SJ 67346 15961		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109054050140		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Increase in-channel morphological diversity	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050130</a>	Wall Bk - source to conf Pipe Strine	
<b>National Grid Reference:</b>	SJ 69437 15965		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109054050150		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050140</a>	R Strine - conf Red Strine to conf R Tern	
<b>National Grid Reference:</b>	SJ 63635 17547		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109054050170		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Very Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)

**Ecological Potential Assessment**

<b>Element</b>	<b>Current status</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050160</a>	Strine Bk - source to conf Wall Bk	
<b>National Grid Reference:</b>	SJ 70117 17713		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109054050130		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Not Required (MS)
Invertebrates	Moderate (Uncertain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Sediment management strategies (develop and revise)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate vegetation control technique	Not In Place
Selective vegetation control regime	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Increase in-channel morphological diversity	Not In Place

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Good
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**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050170</a>	R Tern - conf R Meese to conf R Roden	
<b>National Grid Reference:</b>	SJ 63003 19278		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049680		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	
Phytobenthos	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050180</a>	Pipe Strine - source to conf R Strine	
<b>National Grid Reference:</b>	SJ 69084 18609		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050150		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2p, S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Very Certain)	Moderate	Disproportionately expensive (A1b), Technically infeasible (A2b)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Very Certain)	Moderate	Disproportionately expensive (A1b), Technically infeasible (A2b)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050190</a>	R Meese - source to conf Lonco Bk	
<b>National Grid Reference:</b>	SJ 75502 20942		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050200		

### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Invertebrates	Good	Good	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050200</a>	R Meese - conf Lonco Bk to conf R Tern	
<b>National Grid Reference:</b>	SJ 70937 23787		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050170		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050220</a>	Unnamed trib - source to conf R Tern	
<b>National Grid Reference:</b>	SJ 64848 26567		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054055090		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050230</a>	Ellerton Bk - source to conf R Meese	
<b>National Grid Reference:</b>	SJ 71110 25046		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050200		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050240</a>	Unnamed trib - source to conf R Tern	
<b>National Grid Reference:</b>	SJ 60794 28396		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054055090		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049150</a>	War Bk - source to conf R Perry	
<b>National Grid Reference:</b>	SJ 44318 21384		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050030		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054054960</a>	Common Bk - source to conf R Perry	
<b>National Grid Reference:</b>	SJ 32674 30434		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054054970		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Disproportionately expensive (A1b, P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Bad (Very Certain)	Moderate	Disproportionately expensive (A1b)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Bad (Very Certain)	Moderate	Disproportionately expensive (A1b)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054054970</a>	R Perry - conf Common Bk to conf Tetchill Bk	
<b>National Grid Reference:</b>	SJ 36341 29898		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050030		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2p, S2b)
Invertebrates	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054054980</a>	Unnamed trib - source to conf R Roden	
<b>National Grid Reference:</b>	SJ 47803 32098		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049180		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054054990</a>	Soulton Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	SJ 54950 31645		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049200		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055010</a>	R Perry - source to conf Common Bk	
<b>National Grid Reference:</b>	SJ 32039 33027		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054054970		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (S2b)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055030</a>	Unnamed trib - source to conf Soulton Bk	
<b>National Grid Reference:</b>	SJ 55080 33452		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049200		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055080</a>	Lonco Bk - source to conf R Meese	
<b>National Grid Reference:</b>	SJ 75344 24093		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050200		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055090</a>	R Tern - conf Bailey Bk to conf R Meese	
<b>National Grid Reference:</b>	SJ 64851 22379		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050170		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2j, B2p)
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055100</a>	R Tern - conf Coal Bk to conf Bailey Bk	
<b>National Grid Reference:</b>	SJ 67086 33187		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054055090		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055120</a>	R Tern - conf Loggerheads Bk to conf Coal Bk	
<b>National Grid Reference:</b>	SJ 69092 34807		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054055100		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055130</a>	Loggerheads Bk - source to conf R Tern	
<b>National Grid Reference:</b>	SJ 71791 36449		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054055120		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2r)
Phytobenthos	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055140</a>	Bailey Bk - source to conf R Tern	
<b>National Grid Reference:</b>	SJ 60791 33728		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054055090		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049680</a>	R Tern - conf R Roden to conf R Severn	
<b>National Grid Reference:</b>	SJ 57588 11850		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049141		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	Moderate (Uncertain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
2,4-dichlorophenol	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)** Fail (Quite Certain)

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Anthracene	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049160</a>	Unnamed trib - source to conf R Perry	
<b>National Grid Reference:</b>	SJ 40452 25228		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050030		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049170</a>	Sleap Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	SJ 48770 27395		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049190		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049180</a>	R Roden - conf unnamed trib to conf Sleaf Bk	
<b>National Grid Reference:</b>	SJ 48086 29592		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049190		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	Disproportionately expensive (P1a)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049190</a>	R Roden - conf Sleep Bk to conf R Tern	
<b>National Grid Reference:</b>	SJ 57495 16955		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049680		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (S2b)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049200</a>	Soulton Bk - conf unnamed trib to conf R Roden	
<b>National Grid Reference:</b>	SJ 54581 30078		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049190		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (S2b, S2f)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055020</a>	R Roden - source to conf unnamed trib	
<b>National Grid Reference:</b>	SJ 45662 34003		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049180		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055110</a>	Coal Bk - source to conf R Tern	
<b>National Grid Reference:</b>	SJ 71622 32733		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054055100		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050210</a>	Platt Bk - source to conf R Tern	
<b>National Grid Reference:</b>	SJ 64036 22000		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050170		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055150</a>	R Tern - source to conf Loggerheads Bk	
<b>National Grid Reference:</b>	SJ 72860 39069		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054055120		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050030</a>	R Perry - conf Tetchill Bk to conf R Severn	
<b>National Grid Reference:</b>	SJ 39845 23375		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049142		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2j, B2p, S2f)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050150</a>	R Strine - conf Pipe Strine to conf Red Strine	
<b>National Grid Reference:</b>	SJ 65296 18101		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109054050140		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (HR2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)



**Mitigation Measures that have defined Ecological Potential**

**Mitigation Measure**

**Status**

Retain marginal aquatic and riparian habitats (channel alteration)

**Not In Place**

Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.

**Not In Place**

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054055000</a>	Tetchill Bk - source to conf R Perry	
<b>National Grid Reference:</b>	SJ 38984 31579		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050030		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Disproportionately expensive (A1a), Technically infeasible (B2p, S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050100</a>	Ketley Brook source to Ketley Flood Meadow	
<b>National Grid Reference:</b>	SJ 65926 14665		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054050110		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
pH	High	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C3a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Re-opening existing culverts	Not In Place
Increase in-channel morphological diversity	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050110</a>	North Telford Interceptor	
<b>National Grid Reference:</b>	SJ 62445 15736		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050170		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R41	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050090</a>	Beanhill Brook source to shawbirch B4394	
<b>National Grid Reference:</b>	SJ 63744 13780		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050110		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L1	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB30935211</a>	Croze Mere
<b>National Grid Reference:</b>	SJ 43148 30494	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>		

### Ecological Status

**Current Status (and certainty that status is less than good)** Poor (Very Certain - WoE)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)
littoral Invertebrates	High	High	
Macrophytes	Moderate (Uncertain)	Moderate	Technically infeasible (P2a)
Phytobenthos	Moderate (Very Certain)	Moderate	Technically infeasible (P2a)
Phytoplankton	Poor (Very Certain)	Poor	Technically infeasible (P2a)

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Bad (Uncertain)	Bad	Disproportionately expensive (DO1a)
Total Phosphorus	Moderate (Quite Certain)	Moderate	Technically infeasible (P2a)
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30935724</a>	Aqualate Mere	
<b>National Grid Reference:</b>	SJ 77245 20397		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	Yes		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>			

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Macrophytes	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Phytoplankton	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
Total Phosphorus	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30935212</a>	Sweat Mere
<b>National Grid Reference:</b>	SJ 43754 30593	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L4	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30934844</a>	unnamed
<b>National Grid Reference:</b>	SJ 75822 38833	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Other	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30934859</a>	Maer Pool	
<b>National Grid Reference:</b>	SJ 78943 38450		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Recreation, Wider Environment		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c, M2i)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30935620</a>	Fenemere	
<b>National Grid Reference:</b>	SJ 44576 22920		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Wider Environment		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M1g)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30935079</a>	Cole Mere	
<b>National Grid Reference:</b>	SJ 43376 33204		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>			

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
littoral Invertebrates	High	High	
Macrophytes	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Phytoplankton	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Bad (Uncertain)	Bad	Disproportionately expensive (DO1a)
Total Phosphorus	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L8	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30935091</a>	White Mere
<b>National Grid Reference:</b>	SJ 41457 32926	
<b>Current Overall Potential</b>	Bad	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Bad (Very Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Bad (Very Certain)	Bad	Technically infeasible (B2a)
littoral Invertebrates	High	High	
Macrophytes	High	High	
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (P2a)
Phytoplankton	Poor (Very Certain)	Poor	Technically infeasible (P2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Bad (Uncertain)	Bad	Disproportionately expensive (DO1a)
Total Phosphorus	Bad (Very Certain)	Bad	Technically infeasible (P2a)
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

<b>Element</b>	<b>Current status</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M1g)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

## B.9 South East Valleys river catchment

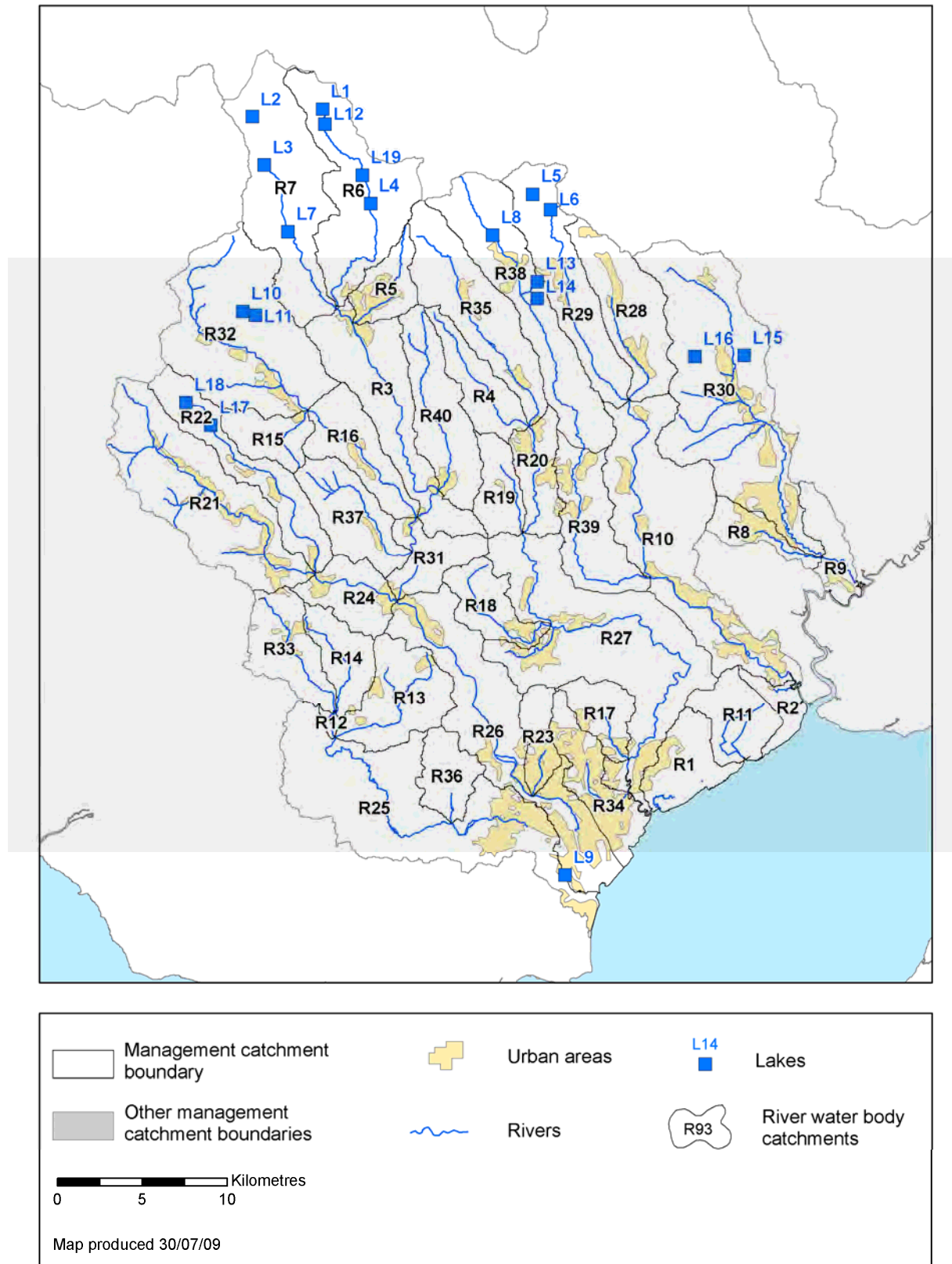
### Rivers and lakes

There are 40 river water bodies (of which 11 are designated as heavily modified) and 19 lake water bodies (of which 19 are designated as heavily modified) within the South East Valleys river catchment.

Figure B.9.1 **Status objectives for rivers and lakes in the South East Valleys river catchment**

Water body category	Status objective				Total number of water bodies
	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Rivers	6	6	26	20	26
Lakes	0	0	0	0	0
Heavily modified Water bodies	10	10	30	20	30
Artificial water bodies	1	1	3	2	3

Figure B.9.2 River and lake water bodies in the South East Valleys river catchment



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## **Water body tables for rivers and lakes in the South East Valleys catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026770</a>	Rhosog Fach Reen - source to Seven Estuary	
<b>National Grid Reference:</b>	ST 22728 78437		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB109056073370		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Bad (Uncertain)	Bad	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Sediment management strategies (develop and revise)	<b>In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026780</a>	Unnamed trib - source to conf Ebbw R	
<b>National Grid Reference:</b>	ST 29919 84715		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Wider Environment		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057033100</a>	R Taff - conf Taf Fechan to conf R Cynon	
<b>National Grid Reference:</b>	SO 07246 00229		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation, Wider Environment		
<b>Downstream Waterbody ID:</b>	GB109057027240		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Poor	Not Required (MS)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3a, M3b)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Sediment management strategies (develop and revise)	<b>In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Set-back embankments	<b>In Place</b>
Flood bunds (earth banks, in place of floodwalls)	<b>In Place</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>Not In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>Not In Place</b>
Provide flows to move sediment downstream.	<b>Not In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057033120</a>	Nant Bargod Rhymni - source to conf Rhymney R	
<b>National Grid Reference:</b>	SO 11937 02976		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027190		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057033150</a>	Nant Morlais - source to conf R Taff	
<b>National Grid Reference:</b>	SO 07447 10315		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057033100		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Very Certain)	Moderate	Technically infeasible (A2a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Very Certain)	Moderate	Technically infeasible (A2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057033160</a>	Taf Fechan - source to conf Afon Taf Fawr	
<b>National Grid Reference:</b>	SO 05879 12630		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109057033100		

### Ecological Potential

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Cypermethrin	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Diazinon	High	High	
Dimethoate	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>Not In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>Not In Place</b>
Provide flows to move sediment downstream.	<b>Not In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chlorfenvinphos	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057033170</a>	Afon Taf Fawr - source to conf Taf Fechan	
<b>National Grid Reference:</b>	SO 01306 11021		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109057033100		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Not Required (MS)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	Not In Place
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	Not In Place
Provide flows to move sediment downstream.	Not In Place
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	Not In Place
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	Not In Place
Re-engineering of the river where the flow regime cannot be modified.	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026790</a>	Dowlais Bk - source to conf Afon Lwyd	
<b>National Grid Reference:</b>	ST 30111 92952		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109056026870		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Not Required (MS)
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

### Mitigation Measures that have defined Ecological Potential

<b>Mitigation Measure</b>	<b>Status</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>
Remove obsolete structure	<b>Not In Place</b>

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026870</a>	Afon Lwyd - conf Dowlais Bk to Pont Sadwrn
<b>National Grid Reference:</b>	ST 33683 92196	
<b>Current Overall Status</b>	Fail	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Dimethoate	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Fail (Quite Certain)
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**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
1,2-dichloroethane	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026910</a>	Ebbw R - conf Ebbw Fach R to Maes-glas
<b>National Grid Reference:</b>	ST 21763 93221	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection, Land Drainage, Urbanisation, Wider Environment	
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Macrophytes	High	High	
Phytobenthos	Moderate (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Dimethoate	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3a, M3b, M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Alteration of channel bed (within culvert)	<b>Not In Place</b>
Re-opening existing culverts	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>
Remove obsolete structure	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Fail (Quite Certain)
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<b>Chemical elements</b>
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<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
1,2-dichloroethane	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056073370</a>	Broadway Reen - source to R Severn Estuary	
<b>National Grid Reference:</b>	ST 26649 82393		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage, Urbanisation, Wider Environment		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Quite Certain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2a, DO2b)
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Quite Certain)	Moderate	Disproportionately expensive (A1a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3b, M3c)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027090</a>	Ely R - conf Nant Mychydd to conf Nant Clun	
<b>National Grid Reference:</b>	ST 03383 82613		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027260		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	Good	Good	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027100</a>	Nant Clun - source to conf Ely R	
<b>National Grid Reference:</b>	ST 06050 82667		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027260		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Bad (Very Certain)	Bad	Technically infeasible (B2a)
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Cyanide	High	High	
Iron	High	High	
Phenol	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Toluene	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027110</a>	Nant Mychydd - source to conf Ely R	
<b>National Grid Reference:</b>	ST 04144 86462		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027090		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Dimethoate	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Chlorfenvinphos	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027130</a>	Aman R - source to conf Afon Cynon	
<b>National Grid Reference:</b>	ST 00601 99702		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027140		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027140</a>	R Cynon - conf Aman R to conf R Taff	
<b>National Grid Reference:</b>	ST 06051 97753		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027240		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a), Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027160</a>	Nant Glandulas - source to conf Rhymney R	
<b>National Grid Reference:</b>	ST 19928 81647		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Flood Protection, Urbanisation, Water Regulation (impoundment release), Water Regulation (strategic transfer), Wider		
<b>Downstream Waterbody ID:</b>	GB109057027280		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Quite Certain)	Poor	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3a, M3b)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>In Place</b>
Provide flows to move sediment downstream.	<b>In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027170</a>	Nant y Aber - source to conf Rhymney R	
<b>National Grid Reference:</b>	ST 14392 87770		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109057027280		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

<b>Mitigation Measure</b>	<b>Status</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Improve floodplain connectivity	<b>Not In Place</b>
Set-back embankments	<b>Not In Place</b>
Flood bunds (earth banks, in place of floodwalls)	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027180</a>	Nant Cylla - source to conf Rhymney R	
<b>National Grid Reference:</b>	ST 14351 96177		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027280		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a), Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027190</a>	Rhymney R - Nant Bargod Rhymni to conf Nant Cylla	
<b>National Grid Reference:</b>	ST 15297 96972		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027280		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027200</a>	Rhondda R - source to conf Afon Rhondda Fach	
<b>National Grid Reference:</b>	SS 98168 95107		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027230		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027210</a>	Afon Rhondda Fach - source to conf Rhondda R	
<b>National Grid Reference:</b>	ST 00462 96290		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109057027230		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Not Required (MS)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Sediment management strategies (develop and revise)	<b>In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>Not In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>Not In Place</b>
Provide flows to move sediment downstream.	<b>Not In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027220</a>	Whitchurch Bk - source to conf R Taff	
<b>National Grid Reference:</b>	ST 15783 79765		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation, Wider Environment		
<b>Downstream Waterbody ID:</b>	GB109057027270		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3b)

### Mitigation Measures that have defined Ecological Potential

<b>Mitigation Measure</b>	<b>Status</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Alteration of channel bed (within culvert)	<b>Not In Place</b>
Re-opening existing culverts	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027230</a>	Rhondda R - conf Afon Rhondda Fach to conf R Taff	
<b>National Grid Reference:</b>	ST 04776 90854		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027260</a>	Ely R - conf Nant Clun to Allot Gardens, Ely
<b>National Grid Reference:</b>	ST 05130 80596	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB530905415400	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a)
Invertebrates	Good	Good	
Macrophytes	Good	Good	
Phytobenthos	Poor (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
Arsenic	High	High	
Copper	High	High	
Cypermethrin	High	High	
Dimethoate	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Fail (Quite Certain)
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**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027270</a>	R Taff - conf Rhondda R to Castle Street	
<b>National Grid Reference:</b>	ST 11024 85862		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation, Wider Environment		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Good	
Macrophytes	Good	Good	
Phytobenthos	Moderate (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Improve floodplain connectivity	In Place
Set-back embankments	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place

### Chemical Status

**Current Status (and certainty that status is less than good)** Fail (Quite Certain)

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027280</a>	Rhymney R - conf Nant Cylla to Chapel Wood	
<b>National Grid Reference:</b>	ST 23096 84456		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	Good	Good	
Macrophytes	High	High	
Phytobenthos	Moderate (Quite Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



### Chemical Status

**Current Status (and certainty that status is less than good)** Fail (Quite Certain)

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032880</a>	Ebbw Fach R - source to conf Ebbw R	
<b>National Grid Reference:</b>	SO 21018 04623		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056026910		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032900</a>	Ebbw R - source to conf Ebbw Fach R	
<b>National Grid Reference:</b>	SO 17737 06272		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056026910		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2p)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032910</a>	Afon Lwyd - source to conf Dowlais Bk	
<b>National Grid Reference:</b>	ST 30011 95847		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056026870		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Disproportionately expensive (M5a), Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Dimethoate	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
1,2-dichloroethane	High	High	
Chlorfenvinphos	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
DDT Total	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027240</a>	R Taff - conf R Cynon to conf Rhondda R	
<b>National Grid Reference:</b>	ST 08082 91287		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057033110</a>	Afon Cynon - source to conf Aman R	
<b>National Grid Reference:</b>	SN 98060 04957		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027140		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a), Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Dimethoate	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Chlorfenvinphos	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027120</a>	Ely R - source to conf Nant Mychydd	
<b>National Grid Reference:</b>	ST 01248 86750		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027090		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027150</a>	Unnamed trib - source to conf Rhymney R	
<b>National Grid Reference:</b>	ST 19144 78389		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Flood Protection, Urbanisation, Water Regulation (impoundment release), Water Regulation (strategic transfer), Wider		
<b>Downstream Waterbody ID:</b>	GB109057027280		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	In Place
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	In Place
Provide flows to move sediment downstream.	In Place
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place
Sediment management strategies (develop and revise)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	In Place
Re-engineering of the river where the flow regime cannot be modified.	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Increase in-channel morphological diversity	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057033130</a>	Rhydney R - source to conf Nant Bargod Rhydni	
<b>National Grid Reference:</b>	SO 11260 07232		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027190		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027080</a>	Nant Dowlais - source to conf Ely R	
<b>National Grid Reference:</b>	ST 10410 77203		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027260		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	High	High	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057027250</a>	Nant Clydach - source to conf R Taff	
<b>National Grid Reference:</b>	ST 06014 94558		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057027240		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032891</a>	Sirhowy R - source to Rock Villas	
<b>National Grid Reference:</b>	SO 16670 03137		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056032892		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032892</a>	Sirhowy R - Rock Villas to conf Afon Ebwy	
<b>National Grid Reference:</b>	ST 17797 93290		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056026910		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2p)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109057033140</a>	Taff Bargoed	
<b>National Grid Reference:</b>	SO 09567 00588		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109057033100		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a), Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Dimethoate	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Chlorfenvinphos	High	High	

<b>Waterbody Category and Map Code.:</b>	Lake - L1	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940429</a>	Upper Neuadd Reservoir
<b>National Grid Reference:</b>	SO 02859 19072	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940441</a>	Beacons Reservoir	
<b>National Grid Reference:</b>	SN 98716 18601		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** *(note: no biology data)*

**Current Status (and certainty that status is less than good)**      Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940542</a>	Cantref Reservoir
<b>National Grid Reference:</b>	SN 99421 15740	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L4	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940600</a>	Pontsticill Reservoir
<b>National Grid Reference:</b>	SO 05703 13504	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Total Phosphorus	Good	Good	
Copper	High	High	
Zinc	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L5	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940604</a>	Llangynidr Reservoir
<b>National Grid Reference:</b>	SO 15265 14044	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Lake - L6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940635</a>	Carno Reservoir	
<b>National Grid Reference:</b>	SO 16324 13130		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940648</a>	Llwyn-on Reservoir	
<b>National Grid Reference:</b>	SO 00824 11835		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Total Phosphorus	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1o)
Copper	Moderate (Uncertain)	High	
Zinc	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940712</a>	Shon-Sheffreys Reservoir	
<b>National Grid Reference:</b>	SO 12903 11633		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L9	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30947042</a>	Cardiff Bay
<b>National Grid Reference:</b>	ST 17183 73788	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Recreation, Urbanisation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2f, M2i)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L10	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940987</a>	Nant-moel Reservoir
<b>National Grid Reference:</b>	SN 98162 07120	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L11	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30941017</a>	Nanthir Reservoir
<b>National Grid Reference:</b>	SN 98908 06882	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L12	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940472</a>	Lower Neuadd Reservoir
<b>National Grid Reference:</b>	SO 03003 18165	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2h)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L13	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940869</a>	Scotch Peters Reservoir
<b>National Grid Reference:</b>	SO 15540 08876	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Lake - L14	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940941</a>	St James Reservoir
<b>National Grid Reference:</b>	SO 15533 07890	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L15	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30941167</a>	Nanntymailor Reservoir
<b>National Grid Reference:</b>	SO 27741 04542	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L16	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30941175</a>	Cwmsychan Reservoir
<b>National Grid Reference:</b>	SO 24834 04475	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L17	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30941377</a>	Castell Nos Reservoir
<b>National Grid Reference:</b>	SN 96273 00409	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water, Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2h)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30941303</a>	Lluest-wen Reservoir	
<b>National Grid Reference:</b>	SN 94793 01762		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L19	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940556</a>	Pentwyn Reservoir	
<b>National Grid Reference:</b>	SO 05216 15142		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Other		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M1j)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

## B.10 Teme river catchment

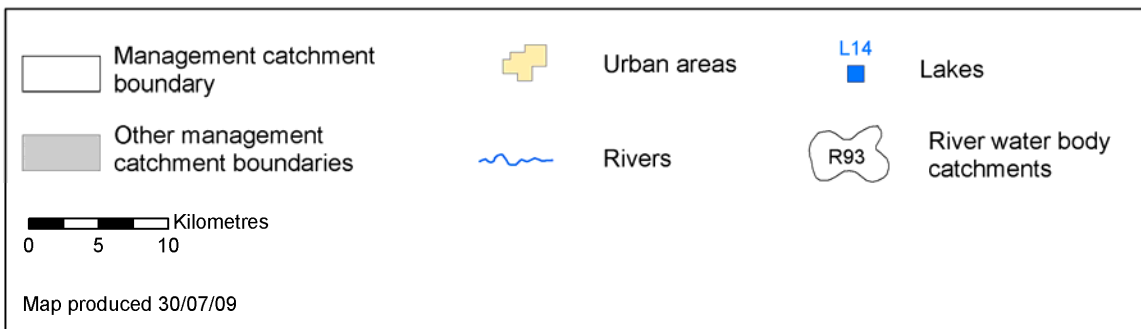
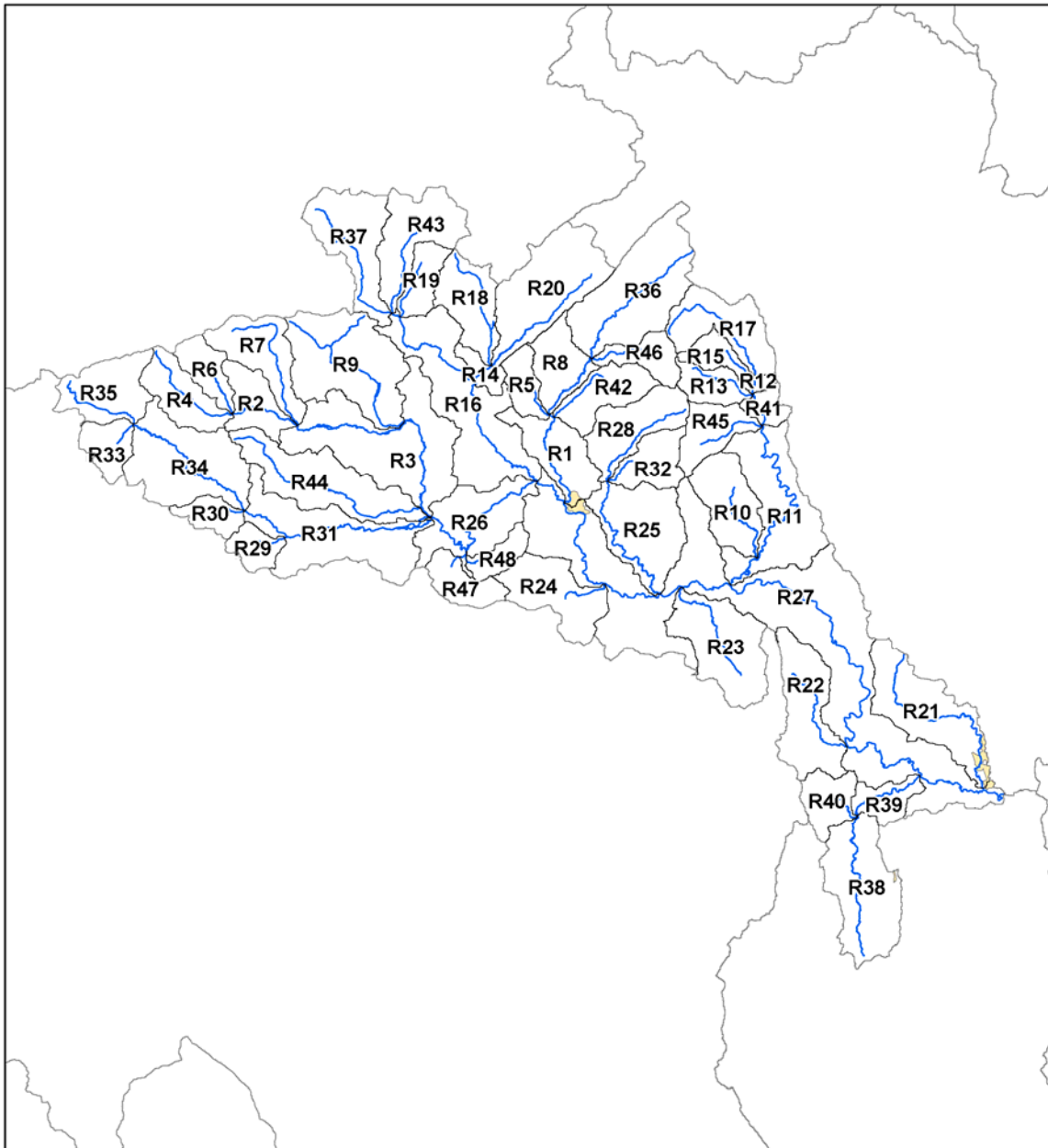
### Rivers and lakes

There are 48 river water bodies (of which 0 are designated as heavily modified) and 0 lake water bodies within the Teme river catchment.

Figure B.10.1 **Status objectives for rivers and lakes in the Teme river catchment**

Water body category	Status objective				Total number of water bodies
	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Rivers	30	30	48	18	48
Lakes	0	0	0	0	0
Heavily modified Water bodies	0	0	0	0	0
Artificial water bodies	0	0	0	0	0

Figure B.10.2 River and lake water bodies in the Teme river catchment



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## **Water body tables for rivers and lakes in the Teme catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043960</a>	R Corve - conf Seifton Bk to conf R Teme
<b>National Grid Reference:</b>	SO 49606 78412	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054044510	

### Ecological Status

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	
Macrophytes	Good	Good	
Phytobenthos	Poor (Very Certain)	Moderate	Technically infeasible (B2r, S2b)

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043980</a>	R Clun - conf Folly Bk to conf R Unk	
<b>National Grid Reference:</b>	SO 27419 82219		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043990		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043990</a>	R Clun - conf R Unk to conf R Teme	
<b>National Grid Reference:</b>	SO 39688 75928		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044500		

### Ecological Status

**Current Status (and certainty that status is less than good)** Good

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044000</a>	R Clun - source to conf Folly Bk	
<b>National Grid Reference:</b>	SO 20992 83524		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043980		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044010</a>	Seifton Bk - source to conf R Corve	
<b>National Grid Reference:</b>	SO 48615 82730		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043960		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044020</a>	Folly Bk - source to conf R Clun	
<b>National Grid Reference:</b>	SO 24011 83576		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043980		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044040</a>	R Unk - source to conf R Clun	
<b>National Grid Reference:</b>	SO 27973 86639		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043990		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044050</a>	R Corve - conf unnamed trib to conf Seifton Bk	
<b>National Grid Reference:</b>	SO 51314 84163		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043960		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044060</a>	R Kemp - source to conf R Clun	
<b>National Grid Reference:</b>	SO 36266 81304		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043990		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044250</a>	Mill Bk - source to conf R Rea	
<b>National Grid Reference:</b>	SO 64897 73344		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044260		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044260</a>	R Rea - conf Farlow Bk to conf R Teme	
<b>National Grid Reference:</b>	SO 66216 71699		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044290</a>	R Rea - conf Cleobury Bk to conf Moor Bk	
<b>National Grid Reference:</b>	SO 65417 84023		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044280		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044300</a>	Moor Bk - source to conf R Rea	
<b>National Grid Reference:</b>	SO 63175 84658		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044280		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044310</a>	Quinny Bk - conf Byne Bk to conf R Onny	
<b>National Grid Reference:</b>	SO 44036 85097		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044330		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044320</a>	Cleobury Bk - source to conf R Rea	
<b>National Grid Reference:</b>	SO 64355 85626		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044290		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044330</a>	R Onny - conf R E Onny to conf R Teme	
<b>National Grid Reference:</b>	SO 45377 79018		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044340</a>	R Rea - source to conf Cleobury Bk	
<b>National Grid Reference:</b>	SO 62885 89375		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044290		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044350</a>	Quinny Bk - source to conf Byne Bk	
<b>National Grid Reference:</b>	SO 44119 92013		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044310		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	Moderate (Uncertain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044360</a>	Criffin Bk - source to conf R Onny	
<b>National Grid Reference:</b>	SO 38470 91592		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044330		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044370</a>	Byne Bk - source to conf Quinny Bk	
<b>National Grid Reference:</b>	SO 47527 88288		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044310		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044380</a>	Laughern Bk - source to conf R Teme	
<b>National Grid Reference:</b>	SO 80864 58358		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044390</a>	Sapey Bk - source to conf R Teme	
<b>National Grid Reference:</b>	SO 70044 58454		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044510		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044410</a>	Kyre Bk - source to conf R Teme	
<b>National Grid Reference:</b>	SO 63114 63789		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a, S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044420</a>	Brimfield Bk - source to conf R Teme	
<b>National Grid Reference:</b>	SO 52118 67903		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Good	
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Does not Support Good	Does not Support Good	Technically infeasible (M1j)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044490</a>	Ledwyche Bk - conf Dogditch Bk to conf R Temе	
<b>National Grid Reference:</b>	SO 56681 69847		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044510		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044500</a>	R Teme - conf R Clun to conf R Onny	
<b>National Grid Reference:</b>	SO 44884 74599		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044510		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044510</a>	R Teme - conf R Onny to conf R Severn	
<b>National Grid Reference:</b>	SO 63144 68766		
<b>Current Overall Status</b>	Fail		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039760		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
2,4-dichlorophenol	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

<b>Chemical Status</b>
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<b>Current Status (and certainty that status is less than good)</b>	Fail (Uncertain)
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<b>Chemical elements</b>
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<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
1,2-dichloroethane	High	High	
Anthracene	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	High	High	
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044600</a>	Ledwyche Bk - source to conf Dogditch Bk	
<b>National Grid Reference:</b>	SO 56160 80021		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044490		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044940</a>	Wylcwm Bk - source to conf R Teme	
<b>National Grid Reference:</b>	SO 27921 71917		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044960		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044950</a>	Ffrwdwen Bk - source to conf R Teme	
<b>National Grid Reference:</b>	SO 24189 74604		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044960		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044960</a>	R Teme - source to conf Ffwdwen Bk to conf R Clun
<b>National Grid Reference:</b>	SO 28190 72815	
<b>Current Overall Status</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054044500	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044970</a>	Dogditch Bk form source to conf Ledwyche Bk	
<b>National Grid Reference:</b>	SO 54949 77434		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044490		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044980</a>	Deuddwr Bk - source to conf R Teme	
<b>National Grid Reference:</b>	SO 16208 80545		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044990		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044990</a>	R Teme - conf Deuddwr Bk to conf Ffrwdwen Bk	
<b>National Grid Reference:</b>	SO 21044 77902		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044960		

### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Quite Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054045000</a>	R Teme - source to conf Deuddwr Bk	
<b>National Grid Reference:</b>	SO 13990 82535		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044990		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049110</a>	R Corve - source to conf unnamed trib	
<b>National Grid Reference:</b>	SO 56219 91365		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044050		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049120</a>	R Onny - source to conf R E Onny	
<b>National Grid Reference:</b>	SO 34782 92921		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044330		

### Ecological Status

**Current Status (and certainty that status is less than good)** Good

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039910</a>	Leigh-Cradley Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	SO 73441 44394		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039930		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039930</a>	Leigh-Cradley Bk conf unnamed trib to conf R Teme	
<b>National Grid Reference:</b>	SO 76949 52577		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044510		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039940</a>	Unnamed trib - source to conf Leigh-Cradley Bk	
<b>National Grid Reference:</b>	SO 72458 51480		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039930		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R41	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044280</a>	R Rea - conf Moor Bk to conf Farlow Bk
<b>National Grid Reference:</b>	SO 65883 81941	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054044260	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (S2b)
Phytobenthos	Poor (Very Certain)	Moderate	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R42	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043970</a>	Pye Bk - source to conf R Corve	
<b>National Grid Reference:</b>	SO 51778 83549		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043960		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R43	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049130</a>	R E Onny - source to confluence R Onny	
<b>National Grid Reference:</b>	SO 37999 93143		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044330		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R44	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043950</a>	R Redlake - source to conf R Clun	
<b>National Grid Reference:</b>	SO 28044 77765		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044500		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R45	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044270</a>	Farlow Bk - source to conf R Rea	
<b>National Grid Reference:</b>	SO 63707 80818		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044260		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R46	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044030</a>	Tugford Brook	
<b>National Grid Reference:</b>	SO 54544 86792		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044050		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R47	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044430</a>	Wigmore Drain - source to conf unnamed trib	
<b>National Grid Reference:</b>	SO 42215 70810		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044500		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R48	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044440</a>	Unnamed trib - source to conf Wigmore Drain	
<b>National Grid Reference:</b>	SO 43779 70479		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044500		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

## B.11 Usk river catchment

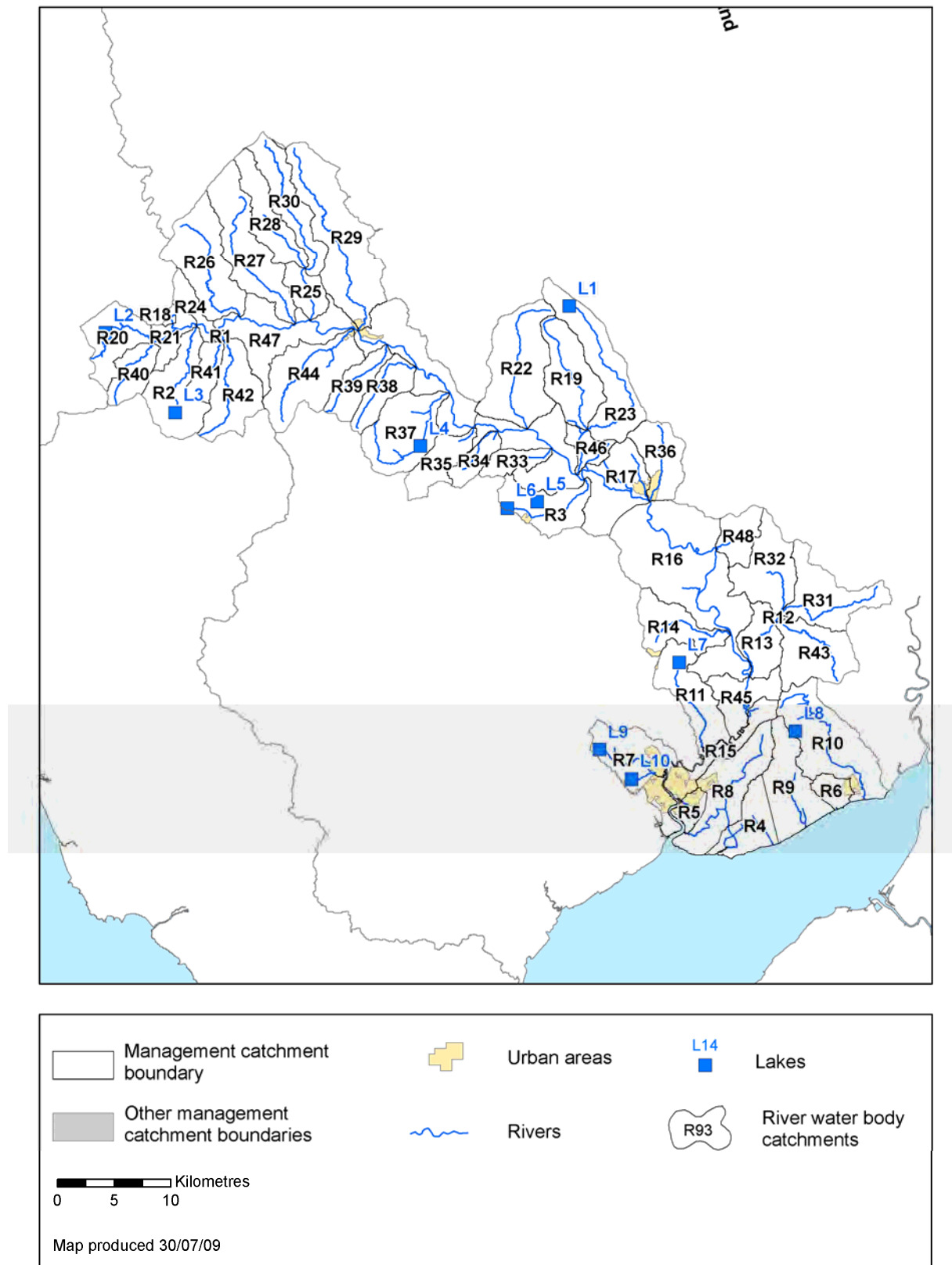
### Rivers and lakes

There are 48 river water bodies (of which 7 are designated as heavily modified) and 10 lake water bodies (of which 10 are designated as heavily modified) within the Usk river catchment.

Figure B.11.1 **Status objectives for rivers and lakes in the Usk river catchment**

<b>Water body category</b>	<b>Status objective</b>				<b>Total number of water bodies</b>
	<b>Good or high in 2015</b>	<b>Good or high in 2021</b>	<b>Good or high in 2027</b>	<b>Less than good in 2015</b>	
Rivers	16	16	37	21	37
Lakes	0	0	0	0	0
Heavily modified Water bodies	8	8	17	9	17
Artificial water bodies	0	0	4	4	4

Figure B.11.2 River and lake water bodies in the Usk river catchment



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## **Water body tables for rivers and lakes in the Usk catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033060</a>	Afon Senni - conf unnamed trib to conf R Usk	
<b>National Grid Reference:</b>	SN 92295 28264		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033080</a>	Afon Crai - source to conf R Usk	
<b>National Grid Reference:</b>	SN 89408 25403		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109056040010		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Provide flows to move sediment downstream.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033090</a>	R Clydach - source to conf R Usk	
<b>National Grid Reference:</b>	SO 22817 13075		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040082		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026810</a>	Monks Ditch - Wainbridge to mouth	
<b>National Grid Reference:</b>	ST 40024 84491		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)



### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026820</a>	Great-Spytty Reen - source to conf R Usk	
<b>National Grid Reference:</b>	ST 33105 86778		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>In Place</b>
Sediment management strategies (develop and revise)	<b>In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Alteration of channel bed (within culvert)	<b>Not In Place</b>
Re-opening existing culverts	<b>Not In Place</b>
Remove obsolete structure	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026830</a>	W Plll Reen - source to R Severn Estuary	
<b>National Grid Reference:</b>	ST 46573 86372		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Flood Protection, Wider Environment		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3a)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026840</a>	Pantyreos Bk - source to Barrack Hill	
<b>National Grid Reference:</b>	ST 29013 90760		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Drinking Water Protected Area		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026850</a>	Monks Ditch - source to Wainbridge	
<b>National Grid Reference:</b>	ST 38399 89500		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

### Ecological Potential

**Current Status (and certainty that status is less than good)** Moderate

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

### Mitigation Measures that have defined Ecological Potential

<b>Mitigation Measure</b>	<b>Status</b>
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>In Place</b>
Sediment management strategies (develop and revise)	<b>In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Flood bunds (earth banks, in place of floodwalls)	<b>In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Alteration of channel bed (within culvert)	<b>Not In Place</b>
Re-opening existing culverts	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026860</a>	Mill Reen - source to R Severn Estuary	
<b>National Grid Reference:</b>	ST 42728 87079		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Sediment management strategies (develop and revise)	<b>In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026880</a>	Nedern Bk - souce to R Severn Estuary	
<b>National Grid Reference:</b>	ST 45973 90779		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415401		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026900</a>	Sor Bk - source to Sor Bk Br	
<b>National Grid Reference:</b>	ST 33267 96078		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Iron	High	High	
Phenol	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	In Place
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	In Place
Provide flows to move sediment downstream.	In Place
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	In Place
Re-engineering of the river where the flow regime cannot be modified.	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Chlorfenvinphos	High	High	
Simazine	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026930</a>	Olway Bk - conf Nant y Wilcae to conf Pill Bk	
<b>National Grid Reference:</b>	SO 41266 03059		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056026940		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (S3b)
Phytobenthos	Poor (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026940</a>	Olway Bk - conf Pill Bk to conf R Usk	
<b>National Grid Reference:</b>	SO 38347 00945		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056026890		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (S3b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026950</a>	Berthin Bk - source to conf R Usk	
<b>National Grid Reference:</b>	SO 33755 02359		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040083		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (S3b)
Invertebrates	High	High	
Macrophytes	High	High	
Phytobenthos	Poor (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026980</a>	Llwynau Bk - source to conf R Usk	
<b>National Grid Reference:</b>	ST 38854 94987		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040083</a>	R Usk - conf R Gavenny to conf Olway Bk	
<b>National Grid Reference:</b>	SO 34872 08954		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Regulation (strategic transfer)		
<b>Downstream Waterbody ID:</b>	GB109056026890		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Poor	Not Required (MS)
Invertebrates	High	High	
Macrophytes	High	High	
Phytobenthos	Moderate (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Provide flows to move sediment downstream.	Not In Place
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	Not In Place

### Chemical Status

**Current Status (and certainty that status is less than good)** Fail (Uncertain)

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040082</a>	R Usk conf Afon Crawnon to conf Gavenny R	
<b>National Grid Reference:</b>	SO 23189 15989		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040083		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB110056039950</a>	Usk u/s Brecon
<b>National Grid Reference:</b>	SN 87899 29337	
<b>Current Overall Status</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109056039980	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056039960</a>	Grwyne-Fechan - source to conf Grwyne Fawr	
<b>National Grid Reference:</b>	SO 22921 25108		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056032980		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056039970</a>	R Usk - source to conf Afon Hydfer	
<b>National Grid Reference:</b>	SN 81807 28340		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109056039980		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Not Required (MS)
Invertebrates	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Provide flows to move sediment downstream.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056039980</a>	R Usk - conf Afon Hydfer to conf Afon Crai	
<b>National Grid Reference:</b>	SN 88120 28715		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040010		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Iron	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056039990</a>	Rhiangoll - source to conf R Usk	
<b>National Grid Reference:</b>	SO 18347 25987		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040082		

### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a), Technically infeasible (S2b)
Invertebrates	High	High	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040000</a>	Grwyne Fawr - source to conf Grwyne-Fechan	
<b>National Grid Reference:</b>	SO 27729 24278		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109056032980		

#### Ecological Potential

**Current Status (and certainty that status is less than good)** Good

#### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

#### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

#### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

**Mitigation Measure**

**Status**

Ensure there is an appropriate baseline flow regime downstream of the impoundment.

**Not In Place**

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040010</a>	R Usk - conf Afon Crai to conf Afon Senni	
<b>National Grid Reference:</b>	SN 90851 28513		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040020</a>	Afon Yscir - conf Yscir Fechan to conf R Usk	
<b>National Grid Reference:</b>	SO 00014 31797		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040030</a>	Cilieni - source to conf R Usk	
<b>National Grid Reference:</b>	SN 91285 33202		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040040</a>	Nant Bran - source to conf R Usk	
<b>National Grid Reference:</b>	SN 94066 34483		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040050</a>	Yscir Fechan - source to conf Afon Yscir	
<b>National Grid Reference:</b>	SN 97913 36681		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040020		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040060</a>	Honddu - source to conf R Usk	
<b>National Grid Reference:</b>	SO 03264 33689		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040070</a>	Afon Yscir - source to conf Yscir Fechan	
<b>National Grid Reference:</b>	SN 97439 42568		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040020		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032920</a>	Olway Bk - source to conf Nant y Wilcae	
<b>National Grid Reference:</b>	SO 46579 04117		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056026930		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032930</a>	Nant y Wilcae - source to conf Olway Bk	
<b>National Grid Reference:</b>	SO 41783 05947		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056026930		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Uncertain)	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032950</a>	Nant Onnau - source to conf R Usk	
<b>National Grid Reference:</b>	SO 20028 17379		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040082		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032960</a>	Nant Cleisfer - source to conf R Usk	
<b>National Grid Reference:</b>	SO 14956 18186		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040082		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032970</a>	Afon Crawnnon - source to conf R Usk	
<b>National Grid Reference:</b>	SO 14061 19223		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (HR2a, M5a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032990</a>	R Gavenny - source to confluence R Usk	
<b>National Grid Reference:</b>	SO 30962 15676		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040082		

### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a), Technically infeasible (B2a)
Invertebrates	Good	Good	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Quite Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033000</a>	Caerfanell - source to conf R Usk	
<b>National Grid Reference:</b>	SO 10109 19161		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific, Wider Environment		
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Not Required (MS)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Provide flows to move sediment downstream.	<b>Not In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033010</a>	Nant Menasgin - source to conf R Usk	
<b>National Grid Reference:</b>	SO 06295 24112		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033020</a>	Afon Cynrig - source to conf R Usk	
<b>National Grid Reference:</b>	SO 04112 24516		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040081		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033030</a>	Afon Hydfer - source to conf R Usk	
<b>National Grid Reference:</b>	SN 85071 26191		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056039980		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	Moderate (Uncertain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R41	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033040</a>	Unnamed trib - source to conf Afon Senni
<b>National Grid Reference:</b>	SN 91781 26250	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109056033060	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R42	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033050</a>	Afon Senni - source to conf unnamed trib	
<b>National Grid Reference:</b>	SN 92519 23252		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056033060		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R43	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026920</a>	Pill Bk - source to conf Olway Bk	
<b>National Grid Reference:</b>	SO 44872 01305		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056026940		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R44	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109056033070</a>	Afon Tarell - source to conf R Usk
<b>National Grid Reference:</b>	SN 98944 24626	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109056040081	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2d, B2e)
Invertebrates	High	High	
Macrophytes	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R45	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056026890</a>	R Usk - conf Olway Bk to New Br	
<b>National Grid Reference:</b>	ST 38596 96335		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415404		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R46	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032980</a>	Grwyne Fawr - conf Grwyne-Fechan to conf R Usk	
<b>National Grid Reference:</b>	SO 24051 17950		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040082		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	Moderate (Quite Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R47	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056040081</a>	R Usk - conf Afon Senni to conf Afon Crawnon	
<b>National Grid Reference:</b>	SN 99155 29385		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109056040082		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (B1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R48	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109056032940</a>	Clawdd Bk - source to conf R Usk
<b>National Grid Reference:</b>	SO 36615 09711	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109056040083	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L1	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30939891</a>	Grwyne Fawr Reservoir
<b>National Grid Reference:</b>	SO 22974 30865	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Lake - L2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30939967</a>	Usk Reservoir	
<b>National Grid Reference:</b>	SN 81988 28507		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	High	High	
Macrophytes	Good	Good	
Phytobenthos	High	High	
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
Total Phosphorus	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940302</a>	Cray Reservoir
<b>National Grid Reference:</b>	SN 88162 21468	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L4	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940365</a>	Talybont Reservoir
<b>National Grid Reference:</b>	SO 09820 18491	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)
Phytoplankton	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Total Phosphorus	Good	Good	
Copper	Moderate (Uncertain)	High	
Zinc	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940626</a>	Cairn Mound Reservoir	
<b>National Grid Reference:</b>	SO 20135 13603		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** *(note: no biology data)*

**Current Status (and certainty that status is less than good)**      Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30940636</a>	Blaen-y-cwm Reservoir	
<b>National Grid Reference:</b>	SO 17509 13043		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30941363</a>	Llandegfedd Reservoir	
<b>National Grid Reference:</b>	ST 32652 99355		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Phytoplankton	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Total Phosphorus	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Copper	Moderate (Very Certain)	High	
Zinc	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>Not In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L8	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30941762</a>	Wentwood Reservoir
<b>National Grid Reference:</b>	ST 42955 93218	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L9	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30941829</a>	Pant-yr-eos Reservoir	
<b>National Grid Reference:</b>	ST 25625 91581		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Lake - L10	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30941926</a>	Ynysfro Reservoir
<b>National Grid Reference:</b>	ST 28448 89015	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

## B.12 Warwickshire Avon river catchment

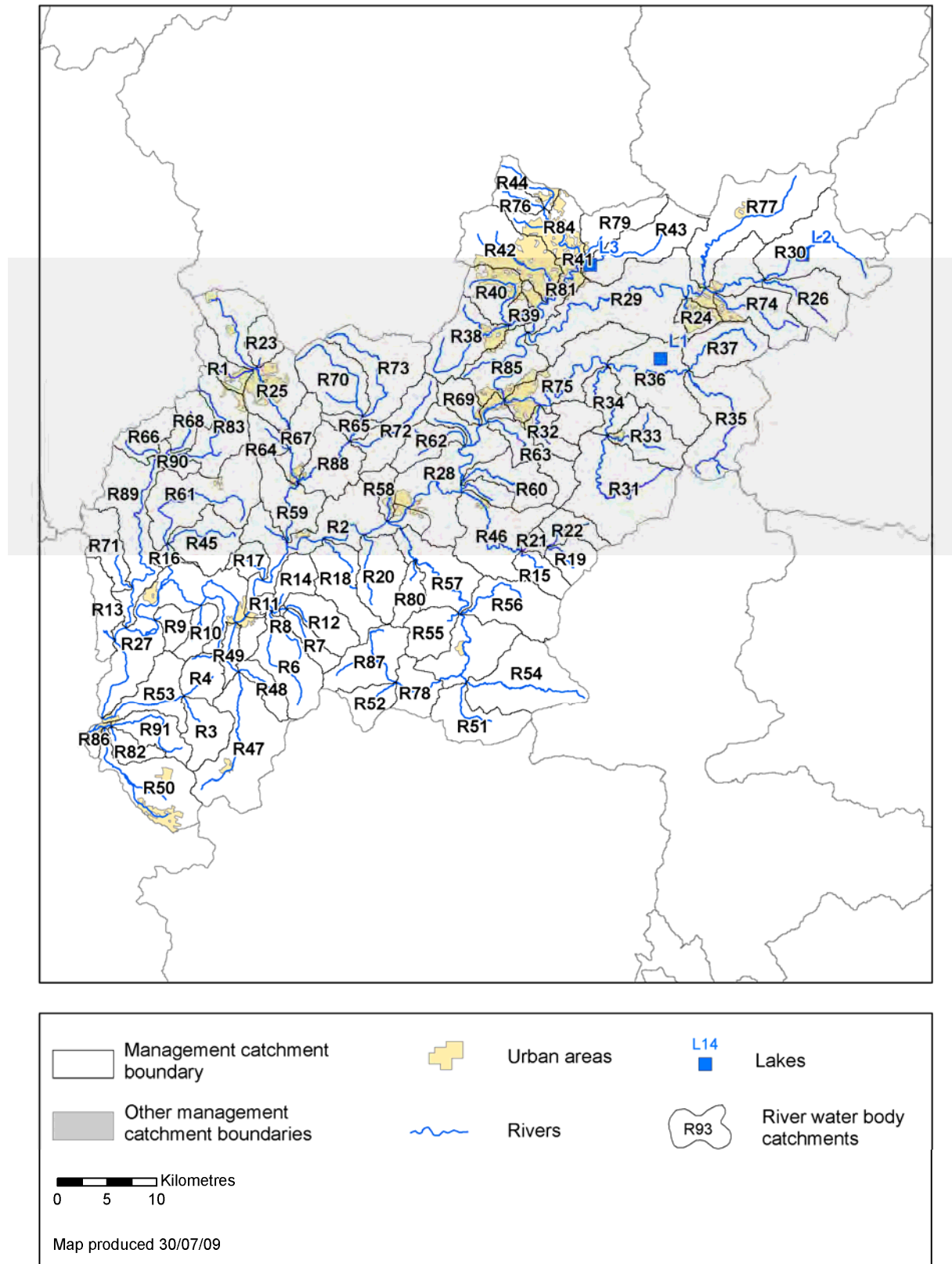
### Rivers and lakes

There are 91 river water bodies (of which 11 are designated as heavily modified) and 3 lake water bodies (of which 1 is designated as heavily modified) within the Warwickshire Avon river catchment.

Figure B.12.1 **Status objectives for rivers and lakes in the Warwickshire Avon river catchment**

Water body category	Status objective				Total number of water bodies
	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Rivers	9	9	80	71	80
Lakes	0	0	0	0	0
Heavily modified Water bodies	1	1	12	11	12
Artificial water bodies	0	0	2	2	2

Figure B.12.2 River and lake water bodies in the Warwickshire Avon river catchment



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## **Water body tables for rivers and lakes in the Warwickshire Avon catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043860</a>	Batchley Bk - source to conf R Arrow	
<b>National Grid Reference:</b>	SP 02693 67865		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054043890		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Increase in-channel morphological diversity	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044401</a>	R Avon- Tramway Br Stratford to Workman Br Evesham
<b>National Grid Reference:</b>	SP 04868 46225	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection, Navigation, Urbanisation	
<b>Downstream Waterbody ID:</b>	GB109054044403	

### Ecological Potential

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b, M3g)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	In Place
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	In Place
Appropriate techniques (invasive species)	In Place
Educate landowners on sensitive management practices (urbanisation)	In Place
Selective vegetation control regime	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Increase in-channel morphological diversity	Not In Place
Flood bunds (earth banks, in place of floodwalls)	Not In Place
Set-back embankments	Not In Place
Improve floodplain connectivity	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Appropriate vegetation control technique	Not In Place
Appropriate timing (vegetation control)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039320</a>	Washbourne Bk - source to conf Carrant Bk	
<b>National Grid Reference:</b>	SO 98466 34236		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039800		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039330</a>	Carrant Bk - source to conf Washbourne Bk	
<b>National Grid Reference:</b>	SO 99174 36700		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039800		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Disproportionately expensive (P1a), Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039340</a>	Bretforton Bk conf unnamed trib to conf Badsey Bk	
<b>National Grid Reference:</b>	SP 07002 44000		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039350</a>	Badsey Bk - source to conf Bretforton Bk	
<b>National Grid Reference:</b>	SP 09089 37531		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039400		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Bad (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (S2b)
Phytobenthos	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	Good	Good	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039360</a>	Bretforton Bk - source to conf Cow Honeybourne Bk	
<b>National Grid Reference:</b>	SP 09529 43234		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039370		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039370</a>	Bretforton Bk-Cow Honeybourne Bk to conf Badsey Bk
<b>National Grid Reference:</b>	SP 07676 44420	
<b>Current Overall Status</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054039340	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039380</a>	Mary Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SO 95169 43405		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044403		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039390</a>	Elmley Castle - source to conf R Avon	
<b>National Grid Reference:</b>	SO 98968 42254		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044403		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039400</a>	Badsey Bk - conf Bretforton Bk to conf R Avon	
<b>National Grid Reference:</b>	SP 06035 45096		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044401		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2p, S2b)
Invertebrates	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039410</a>	Cow Honeybourne Bk - source to conf Bretforton Bk
<b>National Grid Reference:</b>	SP 09634 44265	
<b>Current Overall Status</b>	Bad	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054039370	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Quite Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039420</a>	Bourne Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SO 90227 41773		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044403		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039430</a>	Unnamed trib - source to conf Bretforton Bk	
<b>National Grid Reference:</b>	SP 07579 45115		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039340		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039440</a>	Unnamed trib of R Dene - source to conf R Dene	
<b>National Grid Reference:</b>	SP 33126 49574		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039540		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039450</a>	Piddle Bk - conf Whitsunn Bk to Home Fm, Pinvin	
<b>National Grid Reference:</b>	SO 96235 49470		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044403		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039460</a>	Harvington Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 04747 48883		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044401		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039470</a>	Noleham Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 14696 48715		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044401		

#### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

#### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a, B2p)

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

#### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039480</a>	Radway Bk - source to conf with R Dene	
<b>National Grid Reference:</b>	SP 36161 50091		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039500		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039490</a>	Marchfont Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 16248 47846		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044401		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a, B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039500</a>	R Dene - conf Radway Bk to conf unnamed trib	
<b>National Grid Reference:</b>	SP 32844 50850		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039540		

#### Ecological Status

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

#### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

#### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

#### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039510</a>	R Dene - source to conf with Radway Bk	
<b>National Grid Reference:</b>	SP 36189 52495		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039500		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043870</a>	The Dagnell Bk - source to conf R Arrow	
<b>National Grid Reference:</b>	SP 05446 69309		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043890		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043880</a>	Sow Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 48480 74871		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054043920		

### Ecological Potential

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Increase in-channel morphological diversity	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043890</a>	R Arrow - source to Spennall Hall Fm, Studley	
<b>National Grid Reference:</b>	SP 03189 72446		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043780		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Toluene	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)** Fail (Very Certain)

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Benzene	High	High	
Trichloromethane	High	High	
Carbon Tetrachloride	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)

<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043910</a>	Claycoton-Yelvertoft Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 59631 76643		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043920		

### Ecological Status

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Chlorfenvinphos	High	High	
Diuron	High	High	
Isoproturon	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044403</a>	R Avon conf Workman Br, Evesham to conf R Severn	
<b>National Grid Reference:</b>	SP 01350 40978		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Navigation, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054044404		

### Ecological Potential

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
2,4-dichlorophenol	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b, M3g)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate timing (vegetation control)	<b>Not In Place</b>
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Flood bunds (earth banks, in place of floodwalls)	<b>Not In Place</b>
Set-back embankments	<b>Not In Place</b>
Flow manipulation	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Awareness raising / information boards (boat wash / sources of fine sediment)	<b>Not In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Sediment management strategies (develop and revise)	<b>Not In Place</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>Not In Place</b>
Indirect / offsite mitigation (offsetting measures)	<b>Not In Place</b>
Vessel Management	<b>Not In Place</b>
Awareness raising / information boards (invasive species)	<b>Not In Place</b>
Management of the risk of fish entrainment in intakes for hydropower turbines or water resource purposes (or pumping stations) where there is downstream fish migration.	<b>Not In Place</b>

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Fail (Quite Certain)
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<b>Chemical elements</b>
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<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
1,2-dichloroethane	High	High	
Anthracene	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044402</a>	R Avon (Wark) conf R Leam to Tramway Br, Stratford	
<b>National Grid Reference:</b>	SP 26931 60046		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044401		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043920</a>	R Avon - ClaycotonYelvertoft Bk to conf R Sowe	
<b>National Grid Reference:</b>	SP 37457 75197		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043840		

### Ecological Status

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1c)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Iron	High	High	
Linuron	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Does not Support Good	Does not Support Good	Technically infeasible (M1d)

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Good
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**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Chlorfenvinphos	High	High	
Diuron	High	High	
Isoproturon	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043930</a>	R Avon (Warks) - source to Claycoton-Yelvertoft Bk	
<b>National Grid Reference:</b>	SP 57889 78067		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054043920		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	In Place
Provide flows to move sediment downstream.	In Place
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	Not In Place

### Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044070</a>	R Itchen - source to conf with R Stowe
<b>National Grid Reference:</b>	SP 45564 57802	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054044110	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Very Certain)	Moderate	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044080</a>	Radford Bk - source to conf R Leam	
<b>National Grid Reference:</b>	SP 33344 63139		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044140		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044090</a>	R Stowe - source to conf R Itchen	
<b>National Grid Reference:</b>	SP 42127 61568		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044110		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2p, INNS1a)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044110</a>	R Itchen - conf R Stowe to conf R Leam
<b>National Grid Reference:</b>	SP 39812 65670	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054044140	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	
Macrophytes	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1d)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1d)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1d)
Temperature	Good	Good	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044120</a>	R Leam - source to conf Rains Bk	
<b>National Grid Reference:</b>	SP 53141 65434		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044130		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	Good	Good	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044130</a>	R Leam - conf Rains Bk to conf R Itchen	
<b>National Grid Reference:</b>	SP 44521 68423		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054044140		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	In Place
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	Not In Place



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044150</a>	Rains Bk - source to conf R Leam	
<b>National Grid Reference:</b>	SP 51113 71493		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044130		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Bad (Very Certain)	Bad	Disproportionately expensive (P1a), Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Quite Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044470</a>	Finham Bk - source to conf Canley Bk	
<b>National Grid Reference:</b>	SP 24663 68658		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044480		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044480</a>	Finham Bk - conf Canley Bk to conf R Sowe	
<b>National Grid Reference:</b>	SP 32049 74204		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044540		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2p, INNS1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044520</a>	Canley Bk - source to conf with Finham Bk	
<b>National Grid Reference:</b>	SP 29979 75213		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044480		

#### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

#### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

#### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

#### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R41	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044550</a>	R Sowe - conf Withy Bk to conf Smite Bk	
<b>National Grid Reference:</b>	SP 38322 79733		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044540		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R42	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044620</a>	R Sherbourne - source to conf R Sowe	
<b>National Grid Reference:</b>	SP 34536 78089		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054044540		

### Ecological Potential

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (HR4a)
Invertebrates	Poor (Very Certain)	Poor	Disproportionately expensive (HR4a)

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Increase in-channel morphological diversity	<b>In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R43	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044630</a>	Smite Bk - source to conf R Sowe	
<b>National Grid Reference:</b>	SP 42975 80545		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044540		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Does not Support Good	Does not Support Good	Technically infeasible (M1j)

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R44	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044700</a>	R Sowe - source to conf Beach Bk	
<b>National Grid Reference:</b>	SP 33168 87011		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044660		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a), Technically infeasible (INNS1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R45	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039530</a>	Whitsunn Bk - source to conf Piddle Bk	
<b>National Grid Reference:</b>	SP 00971 52327		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039450		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R46	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039540</a>	R Dene - conf unnamed trib to conf R Avon	
<b>National Grid Reference:</b>	SP 28522 52071		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044402		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R47	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039580</a>	R Isbourne - source to conf Laverton Bk	
<b>National Grid Reference:</b>	SP 03205 30120		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039630		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a, S2b)
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a, S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R48	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039600</a>	Laverton Bk - source to conf R Isbourne	
<b>National Grid Reference:</b>	SP 06157 36815		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039630		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R49	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039630</a>	R Isbourne - conf Laverton Bk to conf R Avon	
<b>National Grid Reference:</b>	SP 02345 40256		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044403		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Quite Certain)	Poor	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	Disproportionately expensive (P1a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R50	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039780</a>	R Swilgate - source to conf R Avon	
<b>National Grid Reference:</b>	SO 92923 25159		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039800		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (A3b, S2b, S2d)
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (A3b, S2b, S2d)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Very Certain)	Moderate	Technically infeasible (A3b)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1e)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Very Certain)	Moderate	Technically infeasible (A3b)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Does not Support Good	Does not Support Good	Technically infeasible (M1a, M1c)



### Chemical Status

**Current Status (and certainty that status is less than good)**      Good

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Cadmium And Its Compounds	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R51	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039820</a>	Nethercote Bk - source to conf R Stour
<b>National Grid Reference:</b>	SP 25846 33930	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054039920	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R52	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039830</a>	Blockley Bk - source to conf Knee Bk	
<b>National Grid Reference:</b>	SP 17588 35930		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R53	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039850</a>	Carrant Bk - conf Washbourne Bk to conf Rlver Avon
<b>National Grid Reference:</b>	SO 91435 34515	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054044403	

### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R54	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039860</a>	R Stour (Warks) - source to conf Nethercote Bk	
<b>National Grid Reference:</b>	SP 35114 36127		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039920		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R55	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039880</a>	Back Bk - source to conf R Stour	
<b>National Grid Reference:</b>	SP 24870 43784		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039920		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R56	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039890</a>	Wagtail Bk - source to conf R Stour (Warks)	
<b>National Grid Reference:</b>	SP 28926 45779		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039920		

#### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

#### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

#### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R57	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039920</a>	R Stour conf Nethercote Bk to Clifford Chambers Br	
<b>National Grid Reference:</b>	SP 25894 43785		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044401		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R58	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043670</a>	Shottery Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 18550 54676		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054044401		

### Ecological Potential

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R59	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043680</a>	R Arrow - conf R Alne to conf R Avon	
<b>National Grid Reference:</b>	SP 08677 53543		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044401		

### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R60	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043690</a>	Thelsford Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 30037 57576		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044402		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R61	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043700</a>	Piddle Bk - source to conf Whitsunn Bk	
<b>National Grid Reference:</b>	SO 96131 55228		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039450		

#### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

#### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

#### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R62	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043730</a>	Sherbourne Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 25217 62386		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044402		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R63	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043740</a>	Tach Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 31340 62208		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044402		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R64	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043750</a>	Cain Bk - source to conf R Arrow	
<b>National Grid Reference:</b>	SP 07289 61581		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043780		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R65	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043760</a>	R Alne conf Preston Bagot Bk to conf Claverdon Bk	
<b>National Grid Reference:</b>	SP 14701 61837		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043720		

### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Good	Good	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R66	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043770</a>	Dean Bk - source to conf Bow Bk	
<b>National Grid Reference:</b>	SO 93316 60041		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043711		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	Good	Good	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R67	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043780</a>	R Arrow - Spennall Hall Fm, Studley to conf R Alne	
<b>National Grid Reference:</b>	SP 08641 58845		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043680		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R68	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043790</a>	Seeley Bk - source to conf Bow Bk	
<b>National Grid Reference:</b>	SO 98019 61707		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043711		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

#### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	Good	Good	
Ammonia (Annex 8)	High	High	

#### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

#### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R69	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043800</a>	Gog Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 27031 64644		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044402		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a), Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R70	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043830</a>	R Alne - source to conf Preston Bagot Bk	
<b>National Grid Reference:</b>	SP 15269 68088		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043760		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R71	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039520</a>	Stoulton Bk - source to conf Bow Bk	
<b>National Grid Reference:</b>	SO 91381 47854		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043712		

### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (S2b)

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R72	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043810</a>	Claverdon Bk - source to conf R Alne
<b>National Grid Reference:</b>	SP 19348 62435	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054043720	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R73	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043850</a>	Preston Bagot Bk - source to conf R Alne	
<b>National Grid Reference:</b>	SP 15098 70941		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043760		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R74	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043900</a>	Clifton Bk - source to conf R Avon	
<b>National Grid Reference:</b>	SP 57218 73032		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043920		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a), Technically infeasible (B2p)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Poor (Very Certain)	Poor	Technically infeasible (A2a)
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Poor (Very Certain)	Poor	Technically infeasible (A2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R75	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044140</a>	Rlver Leam - conf R Itchen to conf R Avon	
<b>National Grid Reference:</b>	SP 35768 66909		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044402		

### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R76	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044690</a>	Beach Bk - source to conf R Sowe	
<b>National Grid Reference:</b>	SP 32161 85903		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044660		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2p)
Phytobenthos	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R77	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043940</a>	R Swift source to conf Avon	
<b>National Grid Reference:</b>	SP 55090 84233		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043920		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R78	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039840</a>	Knee Bk conf Blockley Bk to conf St Giles's Chapel	
<b>National Grid Reference:</b>	SP 22595 36433		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039920		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R79	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044640</a>	Withy Bk - source to conf R Sowe	
<b>National Grid Reference:</b>	SP 39332 81127		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044550		

#### Ecological Status

**Current Status (and certainty that status is less than good)** Good

#### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

#### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

#### Chemical Status

**Current Status (and certainty that status is less than good)** Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R80	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039900</a>	Humber Bk - source to conf R Stour	
<b>National Grid Reference:</b>	SP 21196 48304		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039920		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R81	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044540</a>	R Sowe - conf Smite Bk to conf R Avon	
<b>National Grid Reference:</b>	SP 36251 77744		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (INNS1a)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c), Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Does not Support Good	Does not Support Good	Technically infeasible (M1d)

### Chemical Status

**Current Status (and certainty that status is less than good)** Fail (Very Certain)

### Chemical elements

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Atrazine	High	High	
Simazine	High	High	
Tributyltin Compounds	Moderate (Very Certain)	High	

<b>Waterbody Category and Map Code.:</b>	River - R82	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039790</a>	Unnamed trib - source to conf Tirl Bk	
<b>National Grid Reference:</b>	SO 90667 31793		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039800		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R83	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043820</a>	Bow Bk - source to Lett's Mill	
<b>National Grid Reference:</b>	SP 00959 61873		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043711		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)**      Good

### Chemical elements

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R84	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044660</a>	R Sowe - conf Beach Bk to conf Withy Bk	
<b>National Grid Reference:</b>	SP 35816 81218		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044550		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Very Certain)	Moderate	Technically infeasible (A2a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Very Certain)	Moderate	Technically infeasible (A2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R85	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043840</a>	R Avon (Warks) - conf R Sowe to conf R Leam	
<b>National Grid Reference:</b>	SP 28011 69439		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044402		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c), Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R86	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039800</a>	R Avon - Tolsey Lane to conf R Severn	
<b>National Grid Reference:</b>	SO 89210 32443		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054044404		

### Ecological Potential

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Appropriate techniques (invasive species)	Not In Place
Appropriate timing (vegetation control)	Not In Place
Appropriate vegetation control technique	Not In Place
Selective vegetation control regime	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Improve floodplain connectivity	Not In Place
Increase in-channel morphological diversity	Not In Place
Remove obsolete structure	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R87	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039870</a>	Knee Bk - source to conf Blockley Bk	
<b>National Grid Reference:</b>	SP 16804 41116		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R88	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043720</a>	R Alne - conf Claverdon Bk to conf R Arrow
<b>National Grid Reference:</b>	SP 12035 58989	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054043680	

#### Ecological Status

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

#### Biological elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	
Invertebrates	Good	Good	
Macrophytes	Good	Good	

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1o)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

#### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R89	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043712</a>	Bow Bk - Shell to conf R Avon	
<b>National Grid Reference:</b>	SO 93455 49275		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044403		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Very Certain)	Moderate	Not Required (MS)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	Good	Good	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M1k)

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R90	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054043711</a>	Bow Bk - Lett's Mill to Shell	
<b>National Grid Reference:</b>	SO 97266 60030		
<b>Current Overall Potential</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054043712		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Not Required (MS)
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	Good	Good	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

<b>Element</b>	<b>Current status</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R91	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054039810</a>	Tirle Brook - source to the conf River Swilgate	
<b>National Grid Reference:</b>	SO 94886 33485		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054039800		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (P1a), Technically infeasible (B2p)
Invertebrates	Poor (Very Certain)	Poor	Disproportionately expensive (P1a), Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30938250</a>	Draycote Water	
<b>National Grid Reference:</b>	SP 45974 69872		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Drinking Water		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Phytoplankton	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Total Phosphorus	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Copper	High	High	
Zinc	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	In Place
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	In Place
Provide flows to move sediment downstream.	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L2	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30937864</a>	Stanford Reservoir
<b>National Grid Reference:</b>	SP 60376 80326	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Good	Good	
Phytoplankton	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Total Phosphorus	Poor (Very Certain)	Poor	Disproportionately expensive (P1o)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions.	<b>In Place</b>
Ensure that good status of dissolved oxygen levels is being achieved downstream of the impounding works	<b>In Place</b>
Provide flows to move sediment downstream.	<b>In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>In Place</b>
Enable access to relevant feeder-streams draining into the reservoir at appropriate times for spawning and migration.	<b>In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>
Management of the risk of fish entrainment in intakes for hydropower turbines or water resource purposes (or pumping stations) where there is downstream fish migration.	<b>Not In Place</b>
Where structures or other mechanisms are in place to enable fish to access waters upstream of the impounding works, the volume and timing of flow releases is sufficient to enable and, where relevant, trigger fish migration.	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Re-engineering of the river where the flow regime cannot be modified.	<b>Not In Place</b>

**Chemical Status**

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	Lake - L3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30937926</a>	Coombe Pool
<b>National Grid Reference:</b>	SP 38895 79297	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

## B.13 Worcestershire Middle Severn river catchment

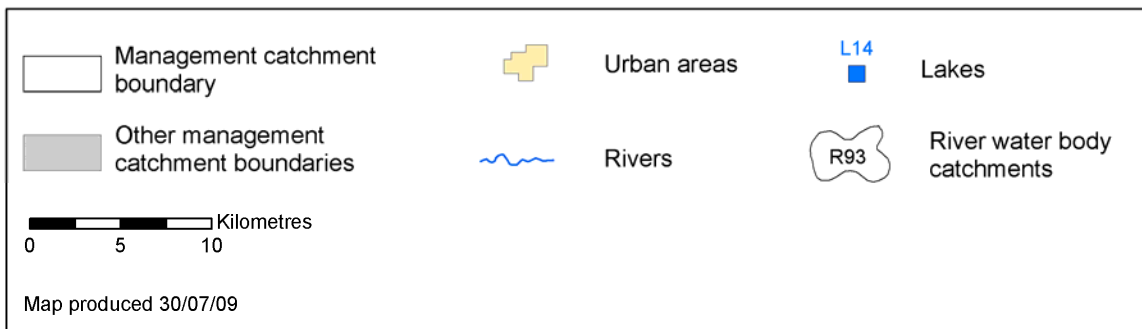
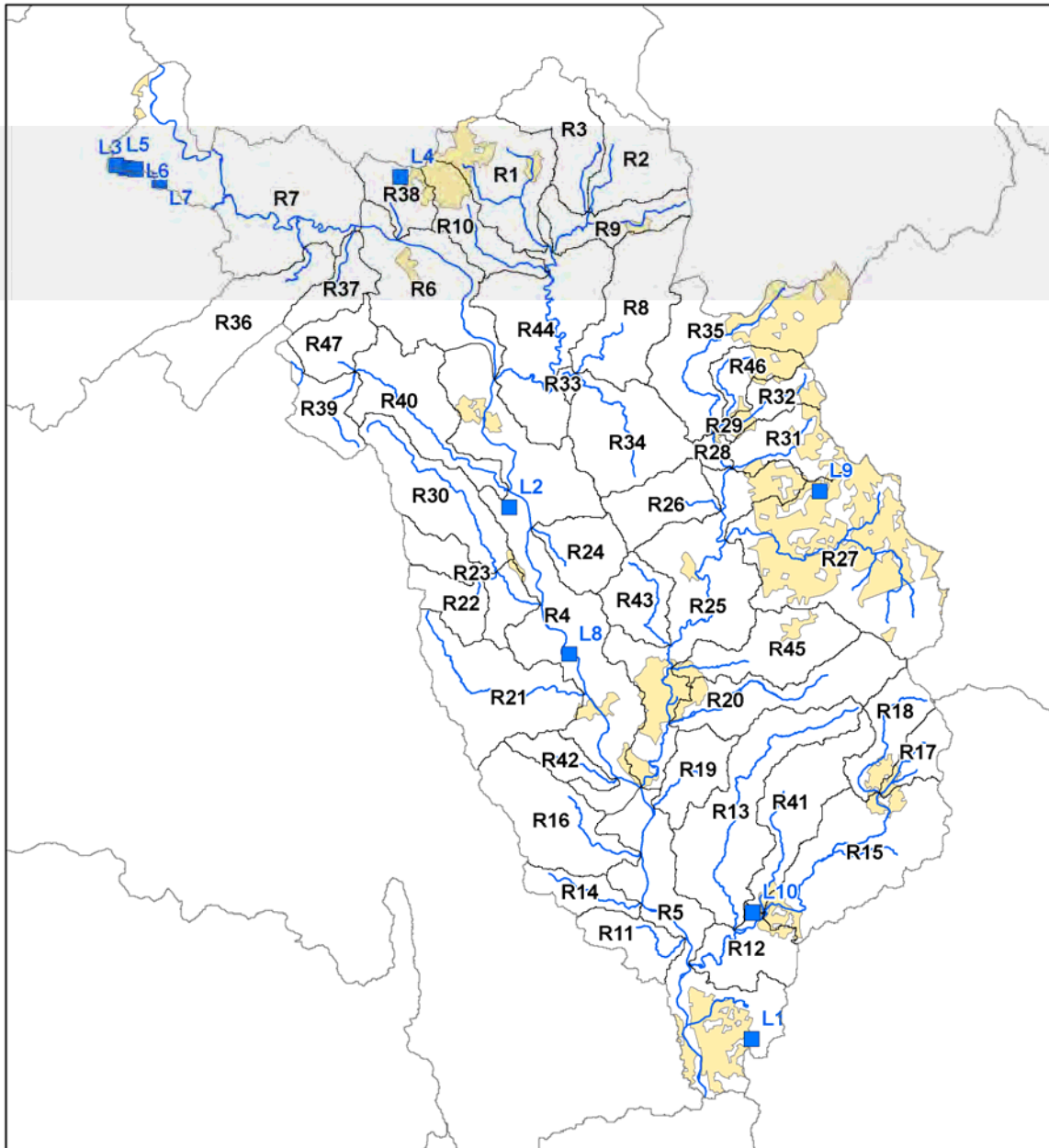
### Rivers and lakes

There are 47 river water bodies (of which 9 are designated as heavily modified) and 10 lake water bodies (of which 4 are designated as heavily modified) within the Worcestershire Middle Severn river catchment.

Figure B.13.1 **Status objectives for rivers and lakes in the Worcestershire Middle Severn river catchment**

Water body category	Status objective				Total number of water bodies
	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Rivers	5	5	38	33	38
Lakes	0	0	3	3	3
Heavily modified Water bodies	4	4	13	9	13
Artificial water bodies	3	3	3	0	3

Figure B.13.2 River and lake water bodies in the Worcestershire Middle Severn river catchment



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## **Water body tables for rivers and lakes in the Worcestershire Middle Severn catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050060</a>	Wesley Bk - source to conf R Worfe	
<b>National Grid Reference:</b>	SJ 74523 04170		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050260		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (B1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050070</a>	Neachley Bk - source to conf Burlington Bk	
<b>National Grid Reference:</b>	SJ 79134 06963		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050080</a>	Burlington Bk - source to conf Neachley Bk	
<b>National Grid Reference:</b>	SJ 77667 07125		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049145</a>	R Severn - conf R Worfe to conf R Stour	
<b>National Grid Reference:</b>	SO 73517 91060		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>	GB109054049144		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1e)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049144</a>	R Severn - conf R Stour to conf River Teme	
<b>National Grid Reference:</b>	SO 85666 57932		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Navigation, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054039760		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1e)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b, M3g)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Bank rehabilitation / reprofiling	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Sediment management	In Place
Educate landowners on sensitive management practices (urbanisation)	In Place
Manage disturbance	In Place
Phased de-watering and other techniques	In Place
Modify vessel design	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Alter timing of dredging / disposal	In Place
Vessel Management	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Increase in-channel morphological diversity	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Does not require assessment
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<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049143</a>	R Severn conf M Wenlock-Farley Bk to conf R Worfe
<b>National Grid Reference:</b>	SJ 69326 02574	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>	GB109054049145	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1e)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Cypermethrin	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Permethrin	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place

### Chemical Status

Current Status (and certainty that status is less than good)	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Isoproturon	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Simazine	High	High	
Trichlorobenzenes	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
para - para DDT	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049141</a>	R Severn - Sundorne Bk to conf M Wenlock-Farley Bk
<b>National Grid Reference:</b>	SJ 62146 04114	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water, Water Regulation (impoundment release), Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>	GB109054049143	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Bad (Very Certain)	Bad	Not Required (MS)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Cypermethrin	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Diazinon	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place



**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Atrazine	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Simazine	High	High	
Trifluralin	High	High	
para - para DDT	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050250</a>	Stratford Bk - source to conf Hilton Claverley Bk	
<b>National Grid Reference:</b>	SO 78916 96688		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054045010		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a), Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050270</a>	Albrighton Bk/R Worfe to conf Wesley Bk
<b>National Grid Reference:</b>	SJ 81071 04477	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054050260	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050280</a>	Mad Bk - source to conf R Worfe	
<b>National Grid Reference:</b>	SJ 72684 02416		
<b>Current Overall Potential</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054050260		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Disproportionately expensive (HR2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044160</a>	Grimley Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 82281 60939		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049144		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044170</a>	R Salwarpe - conf Elmbridge Bk to conf R Severn	
<b>National Grid Reference:</b>	SO 86244 61628		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049144		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044180</a>	Hadley Bk - source to conf R Salwarpe	
<b>National Grid Reference:</b>	SO 89150 73814		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044170		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044190</a>	Shrawley Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 78567 64280		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049144		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Technically infeasible (S2a, S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Quite Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044200</a>	R Salwarpe to conf Elmbridge Bk	
<b>National Grid Reference:</b>	SO 90800 63731		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044170		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	
Phytobenthos	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044210</a>	Dick Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 78247 67414		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049144		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044230</a>	Spadesbourne Bk - source to conf Battlefield Bk	
<b>National Grid Reference:</b>	SO 97204 72331		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054044200		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Very Certain)	Moderate	Disproportionately expensive (HR4a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Educate landowners on sensitive management practices (urbanisation)	<b>Not In Place</b>
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044240</a>	Battlefield Bk - source to conf Spadesbourne Bk	
<b>National Grid Reference:</b>	SO 95958 73385		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044200		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044460</a>	Hartlebury Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 83323 70943		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049144		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044530</a>	Hoo Bk - source to conf R Stour	
<b>National Grid Reference:</b>	SO 90913 76198		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044710		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044560</a>	Dowles Bk - source to conf R Severn
<b>National Grid Reference:</b>	SO 71485 76468	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054049145	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Macrophytes	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044590</a>	Unnamed trib - source to conf Ray's Br	
<b>National Grid Reference:</b>	SO 71564 82732		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044670		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044670</a>	Borle Bk - conf unnamed trib to conf R Severn	
<b>National Grid Reference:</b>	SO 73283 82856		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049145		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044680</a>	Hampton Loade Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 76116 84902		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049145		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2p)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044710</a>	R Stour (Worcs) - conf Smestow Bk to conf R Severn	
<b>National Grid Reference:</b>	SO 85025 84370		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049144		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a, B2p)
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)

### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1c)
Temperature	High	High	
2,4-dichlorophenol	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Arsenic	High	High	
Copper	High	High	
Diazinon	High	High	
Dimethoate	High	High	
Iron	High	High	
Linuron	High	High	
Mecoprop	High	High	
Permethrin	High	High	
Phenol	High	High	
Toluene	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Fail (Very Certain)
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<b>Chemical elements</b>
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<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
1,2-dichloroethane	High	High	
Anthracene	High	High	
Atrazine	High	High	
Benzene	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Napthalene	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044740</a>	Philley Bk - source to conf Smestow Bk	
<b>National Grid Reference:</b>	SO 84821 87894		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044710		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Uncertain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044750</a>	R Stour (Warks) - source to conf Smestow Bk	
<b>National Grid Reference:</b>	SO 89410 84857		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054044710		

**Ecological Potential**

**Current Status (and certainty that status is less than good)**      Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3b)

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Selective vegetation control regime	<b>In Place</b>
Ensure the seasonal pattern of water levels during each year is managed so as to enable the establishment and retention of aquatic plant and animal communities in the shore zone of the impoundment.	<b>In Place</b>
Appropriate vegetation control technique	<b>In Place</b>
Appropriate timing (vegetation control)	<b>In Place</b>
Appropriate techniques (invasive species)	<b>In Place</b>
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	<b>In Place</b>
Ensure the rate and range of any artificial drawdown is appropriately managed to maintain aquatic plant and animal communities in the shore zones of water storage and supply with gently shelving shore zones.	<b>In Place</b>
Retain marginal aquatic and riparian habitats (channel alteration)	<b>Not In Place</b>
Educate landowners on sensitive management practices (urbanisation)	<b>Not In Place</b>
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	<b>Not In Place</b>
Preserve and, where possible, restore historic aquatic habitats	<b>Not In Place</b>
Operational and structural changes to locks, sluices, weirs, beach control, etc	<b>Not In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	<b>Not In Place</b>
Alteration of channel bed (within culvert)	<b>Not In Place</b>
Increase in-channel morphological diversity	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044780</a>	Smestow Bk - Wom-Penn Bk to conf BobsHolbeche Bk	
<b>National Grid Reference:</b>	SO 86110 90802		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044710		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Very Certain)	Moderate	Technically infeasible (A2a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Very Certain)	Moderate	Technically infeasible (A2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044810</a>	Wom-Penn Bk - conf Merryhill Bk to conf Smestow Bk	
<b>National Grid Reference:</b>	SO 85937 92423		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044780		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1c)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044820</a>	Borle Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	SO 69577 89167		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044670		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044830</a>	Bobs-Holbeche Bk - source to conf Smestow Bk	
<b>National Grid Reference:</b>	SO 89532 90815		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044710		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Quite Certain)	Moderate	Disproportionately expensive (A5c)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Quite Certain)	Moderate	Disproportionately expensive (A5c)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044890</a>	Wom-Penn Bk - source to conf Merryhill Bk	
<b>National Grid Reference:</b>	SO 89482 94099		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044810		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054045010</a>	Stratford Bk - Hilton Claverley Bk to conf R Worfe	
<b>National Grid Reference:</b>	SO 76529 95403		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054050260		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054045020</a>	Hilton Claverley Bk - source to conf Stratford Bk	
<b>National Grid Reference:</b>	SO 80734 91307		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054045010		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049340</a>	Smestow Bk - source to conf Wom-Penn Bk	
<b>National Grid Reference:</b>	SO 84361 96663		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Flood Protection, Urbanisation		
<b>Downstream Waterbody ID:</b>	GB109054044780		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Very Certain)	Moderate	Disproportionately expensive (A1b, A5c)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Very Certain)	Moderate	Disproportionately expensive (A1b, A5c)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3a, M3b)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Alteration of channel bed (within culvert)	Not In Place
Increase in-channel morphological diversity	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place

### Chemical Status

Current Status (and certainty that status is less than good)	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049360</a>	Sheinton Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SJ 61427 02792		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049141		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049390</a>	Much Wenlock-Farley Bk - source to conf R Severn
<b>National Grid Reference:</b>	SJ 63665 02463	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109054049141	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049530</a>	Lyde Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SJ 66729 04667		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049143		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049210</a>	Beaconhill Bk - source to conf unnamed trib	
<b>National Grid Reference:</b>	SO 62720 93536		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049240		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049240</a>	Mor Bk - conf Beaconhill Bk to conf R Severn	
<b>National Grid Reference:</b>	SO 66811 93869		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049145		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (S2b, S2f)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R41	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044220</a>	Elmbridge Bk - source to conf R Salwarpe	
<b>National Grid Reference:</b>	SO 89794 66784		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044170		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R42	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044450</a>	Gladder Bk - source to conf R Severn	
<b>National Grid Reference:</b>	SO 78060 71889		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049145		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R43	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044610</a>	Drakelow Bk - source to conf R Stour	
<b>National Grid Reference:</b>	SO 82177 81745		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044710		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R44	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054050260</a>	R Worfe - conf Wesley Bk to conf R Severn	
<b>National Grid Reference:</b>	SJ 75654 00080		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049145		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (S2b)
Macrophytes	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1o)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R45	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044570</a>	Blakedown Bk - source to conf R Stour	
<b>National Grid Reference:</b>	SO 85415 77936		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044710		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R46	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054044930</a>	Merryhill Bk - source to conf Wom-Penn Bk	
<b>National Grid Reference:</b>	SO 85880 95040		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054044810		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Quite Certain)	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Quite Certain)	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Quite Certain)	Does not Support Good	Disproportionately expensive (HR4a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R47	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054049280</a>	Unnamed trib - source to conf Beaconhill Bk	
<b>National Grid Reference:</b>	SO 63699 96058		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109054049240		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Lake - L1	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30947023</a>	Lyppard Grange
<b>National Grid Reference:</b>	SO 87904 55718	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Recreation, Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L2	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30937631</a>	Chelmarsh Reservoir
<b>National Grid Reference:</b>	SO 73406 87614	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30936578</a>	Shomere Pool
<b>National Grid Reference:</b>	SJ 50440 07933	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30936624</a>	unnamed	
<b>National Grid Reference:</b>	SJ 66890 07395		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Wider Environment		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30936544</a>	Bomere Pool	
<b>National Grid Reference:</b>	SJ 49884 08101		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>			

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)
littoral Invertebrates	High	High	
Macrophytes	High	High	
Phytobenthos	High	High	
Phytoplankton	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
Total Phosphorus	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30936566</a>	Betton Pool	
<b>National Grid Reference:</b>	SJ 51053 07856		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>			

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Macrophytes	High	High	
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (P2a)
Phytoplankton	Moderate (Very Certain)	Moderate	Technically infeasible (P2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Total Phosphorus	Moderate (Very Certain)	Moderate	Technically infeasible (P2a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L7	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30936634</a>	Berrington Pool
<b>National Grid Reference:</b>	SJ 52462 07199	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Lake - L8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30937959</a>	Trimpley Reservoir	
<b>National Grid Reference:</b>	SO 76987 78796		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Drinking Water		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L9	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30937599</a>	Fens Top Pool
<b>National Grid Reference:</b>	SO 91958 88595	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30938586</a>	Great Pool or Westwood Great Pool	
<b>National Grid Reference:</b>	SO 87952 63312		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Wider Environment		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M1g)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

## B.14 Wye river catchment

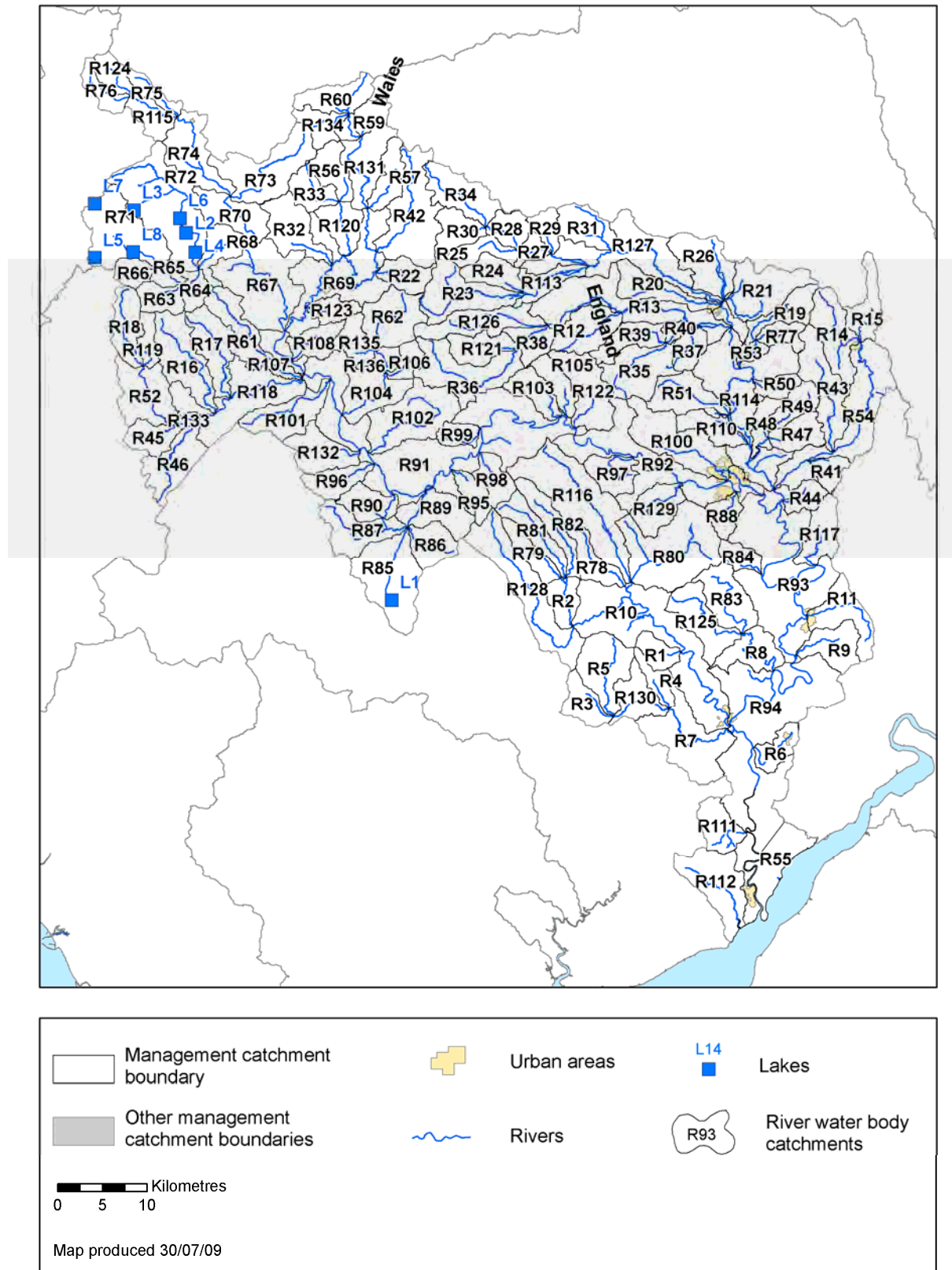
### Rivers and lakes

There are 136 river water bodies (of which 5 are designated as heavily modified) and 8 lake water bodies (of which 4 are designated as heavily modified) within the Wye river catchment.

Figure B.14.1 **Status objectives for rivers and lakes in the Wye river catchment**

Water body category	Status objective				Total number of water bodies
	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Rivers	59	59	130	71	130
Lakes	0	0	4	4	4
Heavily modified Water bodies	3	3	9	6	9
Artificial water bodies	0	0	1	1	1

Figure B.14.2 River and lake water bodies in the Wye river catchment



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## **Water body tables for rivers and lakes in the Wye catchment**

This section contains detailed information on the current status and objectives for river and lake water bodies in the catchment. The tables are arranged by water body type (in the order rivers then lakes) and by map code number within these groupings.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	River - R1	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029610</a>	Norton Bk - source to conf R Monnow	
<b>National Grid Reference:</b>	SO 44837 20275		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029720		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R2	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029620</a>	R Monnow - conf Escley Bk to conf Afon Honddu	
<b>National Grid Reference:</b>	SO 32752 26461		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029720		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029630</a>	Llanymynech Bk - source to conf R Trothy	
<b>National Grid Reference:</b>	SO 36359 14164		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029640		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R4	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029650</a>	Llymon Bk - source to conf R Trothy	
<b>National Grid Reference:</b>	SO 43417 15562		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029680		

**Ecological Status**

**Current Status (and certainty that status is less than good)**                      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R5	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029660</a>	R Trothy - source to conf Llanymynech Bk	
<b>National Grid Reference:</b>	SO 37176 15879		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029640		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029670</a>	Valley Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 55125 09162		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037111		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029680</a>	R Trothy - conf Llymon Bk to conf R Wye	
<b>National Grid Reference:</b>	SO 48102 10398		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037111		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029690</a>	Garren Bk - conf Gamber Bk to conf R Wye	
<b>National Grid Reference:</b>	SO 52565 20783		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037111		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Quite Certain)	Poor	Technically infeasible (B2p, S2b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R9	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029700</a>	Walford Bk - source to conf R Wye
<b>National Grid Reference:</b>	SO 60489 21248	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109055037112	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (S3b)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R10	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029720</a>	R Monnow - conf Afon Honddu to conf R Wye	
<b>National Grid Reference:</b>	SO 46561 19502		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037111		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Atrazine	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Isoproturon	High	High	
Simazine	High	High	
Trifluralin	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029730</a>	Rudhall Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 64763 25829		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037112		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R12	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041820</a>	Curl Bk - source to conf R Arrow	
<b>National Grid Reference:</b>	SO 34137 55694		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055041840		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R13	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041840</a>	R Arrow - conf Gilwern Bk to conf R Lugg	
<b>National Grid Reference:</b>	SO 33323 58616		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036790		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Disproportionately expensive (M5a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R14	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041850</a>	R Frome - source to conf Tedstone Bk	
<b>National Grid Reference:</b>	SO 62782 57673		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036780		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a, S2b)
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2a, S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R15	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041860</a>	Tedstone Bk - source to conf R Frome	
<b>National Grid Reference:</b>	SO 66088 57316		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036780		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Bad (Very Certain)	Bad	Disproportionately expensive (M5a), Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R16	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041880</a>	Afon Cammarch - source to conf R Irfon	
<b>National Grid Reference:</b>	SN 92092 52529		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037090		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R17	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041890</a>	Afon Garth Dulas - source to conf R Irfon	
<b>National Grid Reference:</b>	SN 93501 55253		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037090		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Uncertain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R18	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041910</a>	R Irfon - source to conf Afon Gwesyn	
<b>National Grid Reference:</b>	SN 83229 56657		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036760		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (PH2b)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Very Certain)	Moderate	Technically infeasible (PH2b)
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R19	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041920</a>	Humber Bk - source to conf Holly Bk	
<b>National Grid Reference:</b>	SO 55196 57567		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036770		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a), Technically infeasible (B2a, S3b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R20	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041940</a>	Pinsley Bk - source to conf R Lugg	
<b>National Grid Reference:</b>	SO 43462 61220		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042030		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a, S3b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R21	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041950</a>	Cheaton Bk - source to conf R Lugg	
<b>National Grid Reference:</b>	SO 52928 58129		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042030		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a), Technically infeasible (B2a, S3b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R22	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041960</a>	Mithil Bk - source to conf R Ithon	
<b>National Grid Reference:</b>	SO 13081 63360		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Diazinon	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R23	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041970</a>	Hindwell Bk - source to conf Knoblely Bk	
<b>National Grid Reference:</b>	SO 23970 60345		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055041930		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R24	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041980</a>	Knobley Bk - source to conf Hindwell Bk	
<b>National Grid Reference:</b>	SO 26847 61168		
<b>Current Overall Status</b>	Bad		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055041930		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Bad (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Quite Certain)	Poor	Disproportionately expensive (M5a), Technically infeasible (B2a)
Invertebrates	Bad (Very Certain)	Bad	Disproportionately expensive (B1a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R25	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041990</a>	Cascob Bk - source to conf R Lugg	
<b>National Grid Reference:</b>	SO 25023 65604		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042010		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R26	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042000</a>	Ridgemoor Bk - source to conf R Lugg
<b>National Grid Reference:</b>	SO 50259 60170	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109055042030	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Phytobenthos	Moderate (Quite Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R27	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042010</a>	R Lugg - conf Cascob Bk to conf Norton Bk	
<b>National Grid Reference:</b>	SO 29140 65396		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042030		

**Ecological Status** *(note: no biology data)*

**Current Status (and certainty that status is less than good)**      Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042020</a>	R Lugg - conf Bleddfa Bk to conf Cascob Bk	
<b>National Grid Reference:</b>	SO 26194 67377		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042010		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R29	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042040</a>	Norton Bk - source to conf R Lugg	
<b>National Grid Reference:</b>	SO 30694 66485		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042030		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1b)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R30	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042050</a>	Bleddfa Bk - source to conf R Lugg	
<b>National Grid Reference:</b>	SO 22800 67704		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042020		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R31	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042060</a>	Lime Bk - source to conf R Lugg	
<b>National Grid Reference:</b>	SO 36094 68969		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042030		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a), Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R32	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042080</a>	Nantmel Dulas - source to conf R Ithon	
<b>National Grid Reference:</b>	SO 04581 65442		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042270		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Iron	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R33	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042090</a>	Clywedog Bk - source to conf Bachell Bk	
<b>National Grid Reference:</b>	SO 04569 71774		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042070		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R34	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042100</a>	Lugg Bk - source to conf Bleddfa Bk	
<b>National Grid Reference:</b>	SO 20520 71858		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042020		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R35	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036580</a>	Stretford Bk - source to conf Tippets Bk	
<b>National Grid Reference:</b>	SO 42371 54072		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036640		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R36	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036590</a>	R Arrow - source to conf Gladestry Bk	
<b>National Grid Reference:</b>	SO 18742 52224		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036620		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R37	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036610</a>	Honeylake Bk - source to conf Little Arrow	
<b>National Grid Reference:</b>	SO 46279 54340		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055041840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1b)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R38	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036620</a>	R Arrow - conf Gladestry Bk to conf Gilwern Bk	
<b>National Grid Reference:</b>	SO 28989 56131		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055041840		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R39	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036630</a>	Tippets Bk - source to conf Stretford Bk	
<b>National Grid Reference:</b>	SO 40498 56165		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036640		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R40	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036640</a>	Stretford Bk - conf Tippets Bk to conf R Arrow	
<b>National Grid Reference:</b>	SO 45026 56520		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055041840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1b)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R41	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036650</a>	Tarrington Bk - source to conf R Frome	
<b>National Grid Reference:</b>	SO 60914 41969		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036780		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R42	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042110</a>	R Aran - source to conf R Ithon	
<b>National Grid Reference:</b>	SO 15198 70159		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Diazinon	Moderate (Uncertain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R43	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036660</a>	R Lodon - source to conf R Frome	
<b>National Grid Reference:</b>	SO 61524 50103		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036780		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (S2b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1b)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R44	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036670</a>	Pentaloe Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 58471 37605		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037112		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R45	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036680</a>	Cledan - source to conf R Irfon	
<b>National Grid Reference:</b>	SN 88177 45178		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036700		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R46	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036690</a>	Tirabad Dulas - source to conf R Irfon	
<b>National Grid Reference:</b>	SN 89663 44076		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037090		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R47	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036710</a>	Withington Marsh Bk - source to conf R Little Lugg	
<b>National Grid Reference:</b>	SO 56957 44176		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036790		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
Dissolved Oxygen	Moderate (Very Certain)	Moderate	Technically infeasible (DO2a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	Good	Good	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R48	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036720</a>	R Little Lugg - near Wyatt Fm to conf R Lugg	
<b>National Grid Reference:</b>	SO 55002 44942		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036790		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2m, S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2a)
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R49	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036730</a>	R Little Lugg - source to near Wyatt Fm	
<b>National Grid Reference:</b>	SO 57867 47275		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036790		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R50	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036740</a>	Bodenham Bk - source to conf R Lugg	
<b>National Grid Reference:</b>	SO 54238 50471		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036790		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1b)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R51	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036750</a>	Wellington Bk - source to conf R Lugg	
<b>National Grid Reference:</b>	SO 47008 49130		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036790		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (S3b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R52	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036760</a>	R Irfon - conf Afon Gwesyn to conf Cledan	
<b>National Grid Reference:</b>	SN 86194 48428		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036700		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2o)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R53	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036770</a>	Humber Bk - conf Holly Bk to conf R Legg	
<b>National Grid Reference:</b>	SO 53850 54145		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036790		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R54	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036780</a>	R Frome - conf Tedstone Bk to conf R Lugg	
<b>National Grid Reference:</b>	SO 66607 52242		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037112		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (S3b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)**      Good

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Isoproturon	High	High	
Simazine	High	High	
Trifluralin	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R55	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109054026540</a>	Sturch Pill - source to conf R Severn Estuary	
<b>National Grid Reference:</b>	ST 56545 94965		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R56	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042120</a>	Bachell Bk - source to conf Clywedog Bk	
<b>National Grid Reference:</b>	SO 08267 72051		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042070		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R57	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042130</a>	Camddwr Bk - source to conf R Ithon	
<b>National Grid Reference:</b>	SO 12761 72006		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042270		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R58	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042150</a>	R Ithon - conf Llaethdy Bk to conf Gwenlas Bk	
<b>National Grid Reference:</b>	SO 08473 79008		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042140		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R59	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042170</a>	Gwenlas Bk - source to conf R Ithon	
<b>National Grid Reference:</b>	SO 10513 79414		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042140		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R60	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042180</a>	R Ithon - source to conf Llaethdy Bk	
<b>National Grid Reference:</b>	SO 08961 83046		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042150		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R61	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042190</a>	Afon Chwefru - source to conf R Irfon	
<b>National Grid Reference:</b>	SN 97434 55482		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037090		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Uncertain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R62	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042200</a>	R Edw - source to conf Colwyn Bk	
<b>National Grid Reference:</b>	SO 12390 57681		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037130		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R63	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042210</a>	Rhiwnant - source to conf Afon Claerwen	
<b>National Grid Reference:</b>	SN 88506 60792		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042220		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Uncertain)	Moderate	Disproportionately expensive (PH1a)
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R64	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042220</a>	R Claerwen - conf Rhiwnant to Dolymynach Rsvr
<b>National Grid Reference:</b>	SN 91070 62032	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Wider Environment	
<b>Downstream Waterbody ID:</b>	GB109055042260	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Very Certain)	Moderate	Technically infeasible (PH2b)
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R65	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042230</a>	Afon Claerwen - conf Afon Arban to conf Rhiwnant	
<b>National Grid Reference:</b>	SN 88988 62133		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Wider Environment		
<b>Downstream Waterbody ID:</b>	GB109055042220		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Uncertain)	Moderate	Disproportionately expensive (PH1a)
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R66	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042240</a>	Afon Arban - source to conf Afon Claerwen	
<b>National Grid Reference:</b>	SN 86068 63357		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042230		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Uncertain)	Moderate	Disproportionately expensive (PH1a)
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R67	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042250</a>	R Wye - conf Afon Elan to conf R Ithon	
<b>National Grid Reference:</b>	SO 01043 60288		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037150		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Uncertain)	High	
Zinc	Moderate (Quite Certain)	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R68	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042260</a>	Afon Elan - Caban-coch Rsvr to conf R Wye	
<b>National Grid Reference:</b>	SN 94246 65828		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific, Wider Environment		
<b>Downstream Waterbody ID:</b>	GB109055042250		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Bad (Very Certain)	Bad	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Very Certain)	Moderate	Technically infeasible (PH2b)
Phosphate	High	High	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Cypermethrin	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Diazinon	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c), Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Provide flows to move sediment downstream.	<b>Not In Place</b>
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	High	High	
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Fluoranthene	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Simazine	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
para - para DDT	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R69	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042270</a>	R Ithon - conf Camddwr Bk to conf R Wye	
<b>National Grid Reference:</b>	SO 08697 63726		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037150		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R70	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042280</a>	R Wye - conf to conf Afon Marteg to conf Afon Elan
<b>National Grid Reference:</b>	SN 96751 68517	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109055042250	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	High	High	
Macrophytes	High	High	
Phytobenthos	Moderate (Uncertain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R71	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042290</a>	Afon Claerwen - source to conf Afon Arban	
<b>National Grid Reference:</b>	SN 84692 65301		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Wider Environment		
<b>Downstream Waterbody ID:</b>	GB109055042230		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Uncertain)	Moderate	Disproportionately expensive (PH1a)
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R72	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042300</a>	Afon Elan - source to Pont ar Elan	
<b>National Grid Reference:</b>	SN 90076 67785		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Wider Environment		
<b>Downstream Waterbody ID:</b>	GB109055042260		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Not Required (MS)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Very Certain)	Moderate	Technically infeasible (PH2b)
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R73	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042310</a>	Afon Marteg - source to conf R Wye	
<b>National Grid Reference:</b>	SN 98884 73192		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042280		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	Moderate	Disproportionately expensive (C1a)
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R74	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042320</a>	R Wye - conf Afon Bidno to conf Afon Marteg	
<b>National Grid Reference:</b>	SN 91133 78061		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042280		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Uncertain)	High	
Zinc	Moderate (Uncertain)	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R75	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042340</a>	Afon Bidno - source to conf R Wye	
<b>National Grid Reference:</b>	SN 87216 82886		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042320		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (B2a, B2o)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R76	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042350</a>	Afon Tarenig - source to conf R Wye
<b>National Grid Reference:</b>	SN 80622 83621	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109055042330	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (PH2b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Very Certain)	Moderate	Technically infeasible (PH2b)
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Quite Certain)	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R77	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036800</a>	Holly Bk - source to conf Humber Bk	
<b>National Grid Reference:</b>	SO 55362 56135		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036770		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a), Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R78	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036810</a>	Dulas Bk - source to conf R Dore	
<b>National Grid Reference:</b>	SO 36542 29729		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029720		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1b)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R79	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036820</a>	Olchon Bk - source to conf R Monnow	
<b>National Grid Reference:</b>	SO 30861 30003		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029620		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R80	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036840</a>	Worm Bk - source to conf R Monnow	
<b>National Grid Reference:</b>	SO 44408 31278		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029720		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (S3b)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1b)
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R81	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036850</a>	R Monnow - source to conf Escley Bk	
<b>National Grid Reference:</b>	SO 30694 32120		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029620		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R82	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036860</a>	Escley Bk - source to conf R Monnow	
<b>National Grid Reference:</b>	SO 32387 33269		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029620		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R83	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036880</a>	Gamber Bk - source to conf Garren Bk	
<b>National Grid Reference:</b>	SO 50873 24600		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029690		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (S2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R84	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036890</a>	Wriggle Bk - source to conf R Wye
<b>National Grid Reference:</b>	SO 52978 30087	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109055037112	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R85	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036900</a>	Afon Llynfi - source to conf Dulas Bk	
<b>National Grid Reference:</b>	SO 12785 29984		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036950		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (DO2a, S3b)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2a)
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R86	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036910</a>	R Ennig - source to conf Afon Llynfi	
<b>National Grid Reference:</b>	SO 17051 32701		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036950		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a), Technically infeasible (S3b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R87	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036920</a>	Dulas Bk - source to conf Afon Llynfi	
<b>National Grid Reference:</b>	SO 08762 33858		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036950		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R88	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036930</a>	Norton Bk - source to conf R Wye
<b>National Grid Reference:</b>	SO 51407 37279	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109055037113	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R89	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036950</a>	Afon Llynfi - conf Dulas Bk to conf R Wye	
<b>National Grid Reference:</b>	SO 16347 36847		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a, S3b)
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R90	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036970</a>	Unnamed trib - source to conf R Wye	
<b>National Grid Reference:</b>	SO 12629 35930		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036920		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R91	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037114</a>	R Wye - conf R Irfon to Bewardine Br	
<b>National Grid Reference:</b>	SO 10559 42663		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037113		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Poor	Disproportionately expensive (B1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Cypermethrin	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Diazinon	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)**      Good

### Chemical elements

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Atrazine	High	High	
Chlorfenvinphos	High	High	
Simazine	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R92	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037113</a>	R Wye - Bredwardine Br to Hampton Bishop	
<b>National Grid Reference:</b>	SO 41477 41060		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037112		

**Ecological Status**

**Current Status (and certainty that status is less than good)**                      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	Good	Good	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Iron	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)**      Good

### Chemical elements

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	High	High	
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Fluoranthene	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Simazine	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
para - para DDT	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R93	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037112</a>	R Wye - Hampton Bishop to conf Kerne Br	
<b>National Grid Reference:</b>	SO 56839 27791		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037111		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	Good	Good	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)**      Good

### Chemical elements

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	High	High	
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Fluoranthene	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
para - para DDT	High	High	



<b>Waterbody Category and Map Code.:</b>	River - R94	<b>Surveillance site:</b>	Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037111</a>	R Wye - conf Walford Bk to Bigsweir Br	
<b>National Grid Reference:</b>	SO 58319 17171		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	
Macrophytes	Good	Good	
Phytobenthos	Poor (Very Certain)	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	Good	Good	
2,4-dichlorophenoxyacetic acid	High	High	
Arsenic	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Iron	High	High	
Linuron	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

### Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

Current Status (and certainty that status is less than good)	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Atrazine	High	High	
Benzo (a) and (k) fluoranthene	High	High	
Benzo (ghi) perelyene and indeno (123-cd) pyrene	High	High	
Benzo(a)pyrene	High	High	
Cadmium And Its Compounds	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Fluoranthene	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Isoproturon	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
DDT Total	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R95	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036980</a>	Digedi Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 20930 40431		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R96	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036990</a>	Scithwen Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 09809 40829		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R97	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037000</a>	Preston Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 38702 40056		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037113		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status** *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R98	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037010</a>	Hay Dulas Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 23961 41176		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R99	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037020</a>	Clyro Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 21170 43942		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R100	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037040</a>	Yazor Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 47562 42713		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037113		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Disproportionately expensive (HR2a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R101	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037050</a>	R Duhonw - source to conf R Wye	
<b>National Grid Reference:</b>	SO 02099 47632		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R102	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037060</a>	Bach Howey Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 15830 45743		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R103	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037070</a>	Willersley Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 30782 47834		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Moderate (Uncertain)	Moderate	Technically infeasible (S3b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1b)
Temperature	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R104	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037080</a>	R Edw - conf Clas Bk to conf R Wye	
<b>National Grid Reference:</b>	SO 11018 48626		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R105	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037100</a>	Kinnersley Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 32886 48171		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2a)
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R106	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037140</a>	Clas Bk - source to conf R Edw	
<b>National Grid Reference:</b>	SO 14002 51882		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037080		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R107	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037150</a>	R Wye (Avon Gwy) - conf R Ithon to conf R Irfon	
<b>National Grid Reference:</b>	SO 00422 55363		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R108	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037160</a>	Builth Dulas Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 03260 54768		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037150		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R109	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037170</a>	Unnamed trib of Moreton Bk to Long Coppice	
<b>National Grid Reference:</b>	SO 50574 46958		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037180		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R110	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037180</a>	Moreton Bk - source to conf R Lugg	
<b>National Grid Reference:</b>	SO 51661 45224		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036790		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R111	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055022830</a>	Tintern Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 51735 00185		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Linuron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

### Chemical Status

**Current Status (and certainty that status is less than good)**      Good

### Chemical elements

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Atrazine	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Isoproturon	High	High	
Simazine	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R112	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055022840</a>	Mounon Bk - source to R Severn Estuary	
<b>National Grid Reference:</b>	ST 49798 94007		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Land Drainage		
<b>Downstream Waterbody ID:</b>	GB530905415400		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Quite Certain)	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Cypermethrin	High	High	
Diazinon	High	High	
Mecoprop	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Quite Certain)	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3c)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Sediment management strategies (develop and revise)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Structures or other mechanisms in place and managed to enable fish to access waters upstream and downstream of the impounding works.	Not In Place
Increase in-channel morphological diversity	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Chlorfenvinphos	High	High	
Simazine	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R113	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041930</a>	Hindwell Bk - conf Knobley Bk to conf R Lugg
<b>National Grid Reference:</b>	SO 29902 61432	
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB109055042030	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Disproportionately expensive (M5a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R114	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036790</a>	R Lugg - conf R Arrow to conf R Wye	
<b>National Grid Reference:</b>	SO 51420 53058		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037112		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Uncertain)	Poor	Disproportionately expensive (B1a)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R115	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042330</a>	R Wye - conf Afon Tarenig to conf Afon Bidno	
<b>National Grid Reference:</b>	SN 86871 81434		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042320		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (B2a, B2o)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
Phosphate	Bad (Uncertain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R116	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036870</a>	R Dore - source to conf Worm Bk	
<b>National Grid Reference:</b>	SO 34137 38963		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029720		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Moderate	Disproportionately expensive (M5a), Technically infeasible (B2p, S3b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Does not Support Good	Disproportionately expensive (HR2a)
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R117	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036940</a>	How Caple Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 60822 31775		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037112		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R118	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037090</a>	R Irfon - conf Tirabad Dulas to conf R Wye	
<b>National Grid Reference:</b>	SN 98071 50162		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Quite Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R119	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041870</a>	Afon Gwesyn - source to conf R Irfon	
<b>National Grid Reference:</b>	SN 86311 53229		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036760		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Poor	Technically infeasible (B2o)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R120	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042070</a>	Clywedog Bk - conf Bachell Bk to conf R Ithon	
<b>National Grid Reference:</b>	SO 08098 67564		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042270		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R121	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036600</a>	Gladestry Bk - source to conf R Arrow	
<b>National Grid Reference:</b>	SO 25326 54566		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036620		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R122	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037120</a>	Letton Lake Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 34695 47054		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Poor (Very Certain)	Poor	Disproportionately expensive (P1a), Technically infeasible (B2m, S3b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R123	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041900</a>	Howey Bk - source to conf R Ithon	
<b>National Grid Reference:</b>	SO 04689 58781		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042270		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment



<b>Waterbody Category and Map Code.:</b>	River - R124	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042360</a>	R Wye - source to conf Afon Tarenig	
<b>National Grid Reference:</b>	SN 82469 83969		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042330		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Poor (Very Certain)	Moderate	Technically infeasible (PH2b)
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	Moderate (Very Certain)	Moderate	Technically infeasible (PH2b)
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Quite Certain)	High	
Zinc	Moderate (Very Certain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R125	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029710</a>	Garren Bk - source to conf Gamber Bk	
<b>National Grid Reference:</b>	SO 48655 24103		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029690		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R126	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055041830</a>	Gilwern Bk - source to conf R Arrow	
<b>National Grid Reference:</b>	SO 22302 56566		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055041840		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Uncertain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Does not Support Good (Uncertain)	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R127	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042030</a>	R Lugg - conf Norton Bk to conf R Arrow	
<b>National Grid Reference:</b>	SO 36527 64685		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055036790		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	River - R128	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036830</a>	Afon Honddu - source to conf R Monnow	
<b>National Grid Reference:</b>	SO 29270 25133		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029720		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Very Certain)	Moderate	Disproportionately expensive (M5a)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R129	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036960</a>	Cage Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 43763 37396		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037113		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Quite Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Invertebrates	Good	Good	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Moderate (Quite Certain)	Good	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1b)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Quite Certain)	Good	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R130	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055029640</a>	R Trothy - conf Llanymynach Bk to conf Llymon Bk	
<b>National Grid Reference:</b>	SO 41106 14985		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055029680		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R131	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042140</a>	R Ithon - conf Gwenlas Bk to conf Camddwr Bk	
<b>National Grid Reference:</b>	SO 08737 75302		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042270		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R132	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037030</a>	Clettwr Bk - source to conf R Wye	
<b>National Grid Reference:</b>	SO 08173 42954		
<b>Current Overall Status</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037114		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Quite Certain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Moderate (Quite Certain)	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R133	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055036700</a>	R Irfon - conf Cledan to conf Tirabad Dulas	
<b>National Grid Reference:</b>	SN 90070 46360		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037090		

**Ecological Status** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R134	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042160</a>	Llaethdy Bk - source to conf R Ithon	
<b>National Grid Reference:</b>	SO 06595 79637		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055042150		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R135	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055042370</a>	Camnant Brook - source to confluence R Edw	
<b>National Grid Reference:</b>	SO 10470 54137		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037130		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	River - R136	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB109055037130</a>	R Edw - conf Camnant Bk to conf Clas Bk	
<b>National Grid Reference:</b>	SO 12474 53013		
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>	GB109055037080		

**Ecological Status**

**Current Status (and certainty that status is less than good)**      Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**      Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L1	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB30940067</a>	Llangorse Lake
<b>National Grid Reference:</b>	SO 13251 26321	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Macrophytes	High	High	
Phytobenthos	Moderate (Very Certain)	Moderate	Technically infeasible (P2b)
Phytoplankton	Moderate (Quite Certain)	Moderate	Technically infeasible (P2b)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
Total Phosphorus	Bad (Very Certain)	Bad	Technically infeasible (P2b)
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L2	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30938356</a>	Penygarreg Reservoir
<b>National Grid Reference:</b>	SN 90254 67462	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Drinking Water	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Lake - L3	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30938282</a>	Llyn Cerrigllwydion Isaf	
<b>National Grid Reference:</b>	SN 84397 70001		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>			

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
littoral Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Macrophytes	Good	Good	
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	Moderate (Uncertain)	Moderate	Technically infeasible (ANC2b)
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
Total Phosphorus	High	High	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L4	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB30938419</a>	Caban-coch Reservoir
<b>National Grid Reference:</b>	SN 91279 65303	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Water Storage - non-specific	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Total Phosphorus	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Copper	Moderate (Uncertain)	High	
Zinc	Moderate (Quite Certain)	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3d)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L5	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB30938525</a>	Llyn Gynon
<b>National Grid Reference:</b>	SN 80004 64669	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>		

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	High	High	
littoral Invertebrates	Moderate (Quite Certain)	Moderate	Technically infeasible (B2a)
Macrophytes	Good	Good	
Phytobenthos	High	High	
Phytoplankton	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	Good	Good	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
Total Phosphorus	Good	Good	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L6	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30938214</a>	Craig Goch Reservoir	
<b>National Grid Reference:</b>	SN 89538 69117		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	High	High	
Macrophytes	Good	Good	
Phytobenthos	High	High	
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L7	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30938240</a>	Llyn Fyrddon Fawr	
<b>National Grid Reference:</b>	SN 80017 70725		
<b>Current Overall Status</b>	Poor		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB		
<b>Reason for Designation:</b>			
<b>Downstream Waterbody ID:</b>			

**Ecological Status**

**Current Status (and certainty that status is less than good)** Poor (Uncertain - WoE)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
littoral Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)
Macrophytes	Poor (Very Certain)	Poor	Technically infeasible (B2o)
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Acid Neutralising Capacity	Good	Good	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	High	
Total Phosphorus	Good	Good	
Ammonia (Annex 8)	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and Dynamics of Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Lake - L8	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB30938427</a>	Claerwen Reservoir	
<b>National Grid Reference:</b>	SN 84322 65320		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Heavily Modified		
<b>Reason for Designation:</b>	Water Storage - non-specific		
<b>Downstream Waterbody ID:</b>			

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Good

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Chironom Invertebrates	Good	Good	
Phytoplankton	High	High	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Total Phosphorus	Good	Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

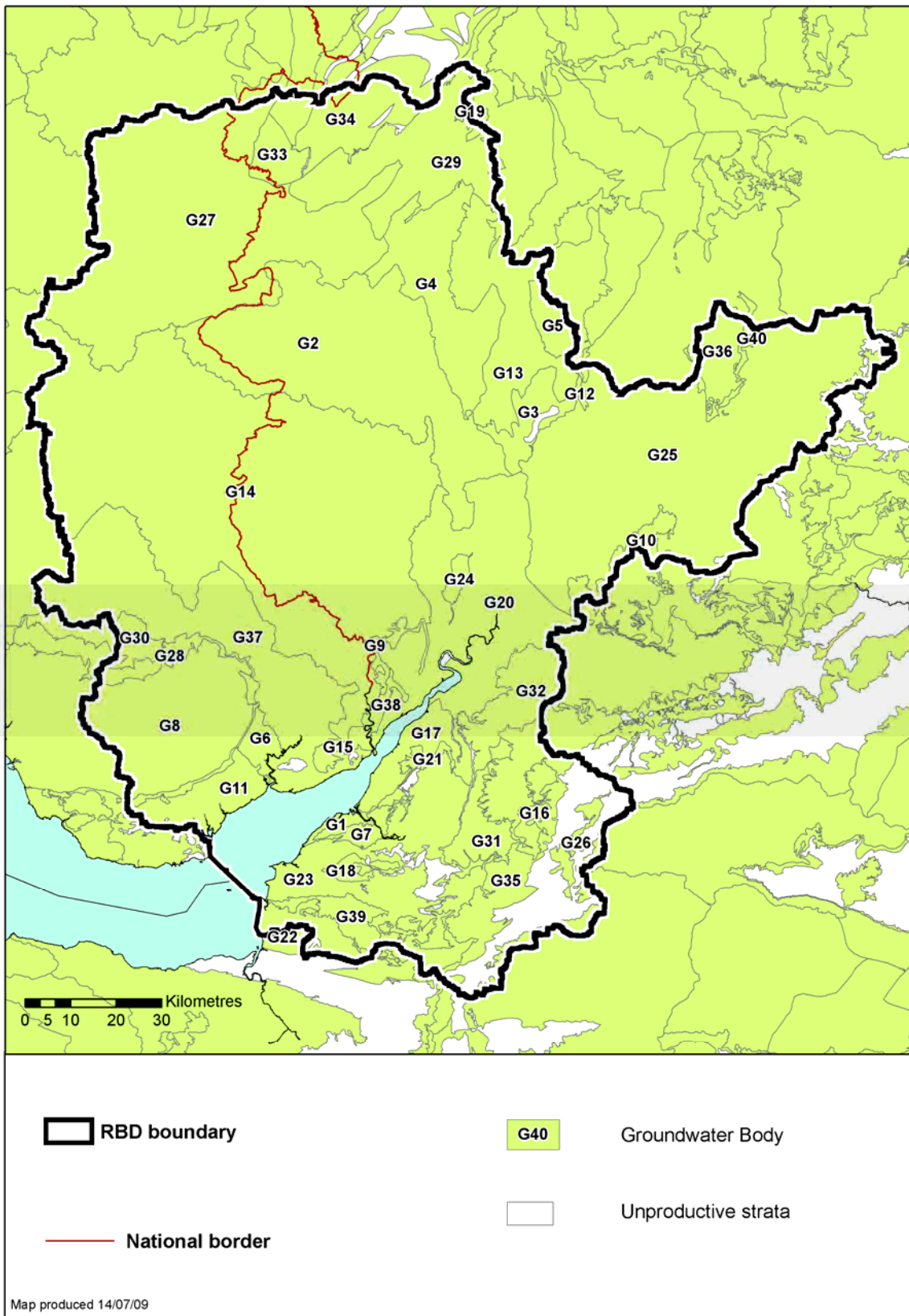
## **B.15 Groundwater**

### **Groundwater bodies in the Severn river basin district**

There are 40 groundwater bodies in the Severn river basin district.



Figure B.15.1 Groundwater bodies in the Severn river basin district



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## **Water body tables for groundwater in the Severn river basin district**

This section contains detailed information on the current status and objectives for groundwater bodies in the river basin district. The tables are arranged by map code number.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	Groundwater - G1
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G805300</a> Portishead Mercia Mudstone
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test

Threshold value (TV), trends and other relevant information (for groundwater only)								
--	--	--	--	--	--	--	--	--

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G2
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G991000</a> Teme - Secondary Combined
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients, Hazardous Substances and other pollutants	GWDTE (chemical)	GWDTE Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

Threshold value (TV), trends and other relevant information (for groundwater only)								
--	--	--	--	--	--	--	--	--

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	No	No	0.000	0.300	No	75% of relevant TV
Phosphate	188.816	ug/l	No	No	71.000	71.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.169	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.016	ug/l	No	Yes			No	75% of relevant TV
Lead (Total)	11.329	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	Yes	No			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G3
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G927000</a> Worcester Middle Severn - Mercia Mudstone
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	No	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	No	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV



<b>Waterbody Category and Map Code.:</b>	Groundwater - G4
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G303300</a> Shropshire Middle Severn - Secondary Combined
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (High)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

## Pressures and Risks

<b>Pressures</b>	<b>Risk Category</b>	<b>Element against which assessed</b>
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants	Mines	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test, Saline Intrusion Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	Yes	No	0.000	0.300	No	75% of relevant TV
Phosphate	71.000	ug/l	Yes	No	71.000	71.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.152	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	7.587	ug/l	Yes	Yes	0.000	3.655	No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Arsenic (Total)	7.500	ug/l	No	Yes	1.500	3.400	No	75% of relevant TV
Copper (Total)	15.175	ug/l	Yes	No	0.000	8.150	No	75% of relevant TV
Zinc (Total)	113.811	ug/l	No	No	0.000	49.000	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	0.000	10.000	No	75% of relevant TV
Lead (Total)	10.926	ug/l	Yes	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Cadmium (Total)	0.304	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.015	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	No	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Electrical conductivity	1875.000	uS/cm	No	No			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	No	Yes			No	75% of relevant TV

Metazachlor

0.075 ug/l

No

Yes

No

75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G5
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G304100</a> Shropshire Middle Severn - Coal Measures Dudley
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants	Mines	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test, Saline Intrusion Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV
Electrical conductivity	1875.000	uS/cm	No	No			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G6
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G204700</a> SE Valleys Eastern Devonian Old Red Sandstone
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients, Hazardous Substances and other pollutants	GWDTE (chemical)	GWDTE Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
PCE	7.500	ug/l	No	Yes			No	75% of relevant TV
TCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
Chloroform	4.702	ug/l	No	Yes			No	75% of relevant TV
Benzene	0.750	ug/l	No	Yes			No	75% of relevant TV
Toluene	94.047	ug/l	No	No			No	75% of relevant TV
Copper (Total)	18.809	ug/l	No	No	0.000	0	No	75% of relevant TV
Zinc (Total)	141.070	ug/l	No	No	0.000	0	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	0.000	0	No	75% of relevant TV
Xylene -p+m	37.500	ug/l	No	Yes			No	75% of relevant TV
Anthracene	0.188	ug/l	No	Yes			No	75% of relevant TV
Naphthalene	4.514	ug/l	No	Yes			No	75% of relevant TV
1,1,2-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	Yes	No	0.000	0	No	75% of relevant TV
Phosphate	225.712	ug/l	No	No			No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	No	Yes			No	75% of relevant TV
Pentachlorophenol	0.752	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	9.405	ug/l	No	Yes	0.000	0	No	75% of relevant TV
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Lead (Total)	13.543	ug/l	No	Yes			No	75% of relevant TV
Cadmium (Total)	0.376	ug/l	No	Yes			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV



<b>Waterbody Category and Map Code.:</b>	Groundwater - G7
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G806800</a> Carboniferous Limestone (Bristol)
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Chromium (Total)	7.457	ug/l	No	Yes	1.000	1.000	No	75% of relevant TV
Arsenic (Total)	7.500	ug/l	No	Yes	3.050	3.050	No	75% of relevant TV
Copper (Total)	24.750	ug/l	No	No	24.750	24.750	No	75% of relevant TV
Zinc (Total)	190.000	ug/l	Yes	No	190.000	190.000	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	10.000	10.000	No	75% of relevant TV
Lead (Total)	10.738	ug/l	Yes	Yes			No	75% of relevant TV
Cadmium (Total)	0.298	ug/l	No	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G8
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G201900</a> SE Valleys Carboniferous Coal Measures
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2027
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Poor (High)	Poor	Disproportionately expensive (GC5a)
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Mines	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test, Saline Intrusion Test
Nutrients, Hazardous Substances and other pollutants	GWDTE (chemical)	GWDTE Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	Yes	No	0.000	0.010	No	75% of relevant TV
Phosphate	83.000	ug/l	Yes	No	83.000	83.000	No	75% of relevant TV
Chromium (Total)	9.001	ug/l	No	Yes	0.000	2.900	No	75% of relevant TV
Copper (Total)	18.002	ug/l	Yes	No	0.000	4.000	No	75% of relevant TV
Zinc (Total)	135.017	ug/l	Yes	No	0.000	148.000	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	0.000	36.000	No	75% of relevant TV
Lead (Total)	12.962	ug/l	No	Yes			No	75% of relevant TV
Cadmium (Total)	0.360	ug/l	No	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	No	No	31.000	31.000	No	75% of relevant TV
Nitrate	42.000	mg/l	No	No	8.000	8.000	No	75% of relevant TV
Electrical conductivity	1875.000	uS/cm	No	No	520.000	520.000	No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes	61.000	61.000	No	75% of relevant TV
Chloride	53.000	mg/l	No	No	53.000	53.000	No	75% of relevant TV
Sulphate	36.000	mg/l	No	No	36.000	36.000	No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G9		
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G202700</a>	Severn Vale/ Wye - Carboniferous Limestone Forest of Dean (North)	
<b>Current Overall Status</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive		
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No		

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test

#### Threshold value (TV), trends and other relevant information (for groundwater only)

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G10	
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G304400</a>	Warwickshire Avon - Jurassic Limestones Cotswold Edge North
<b>Current Overall Status</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive	
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No	

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

<b>Threshold value (TV), trends and other relevant information (for groundwater only)</b>
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Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Phosphate	192.599	ug/l	No	No	50.000	89.000	No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV
Diazinon	0.016	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G11	
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G201500</a>	SE Valleys Southern Devonian Old Red Sandstone & Triassic Mercia Mudstone
<b>Current Overall Status</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Drinking Water Protected Area	
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No	

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (High)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients, Hazardous Substances and other pollutants	GWDTE (chemical)	GWDTE Test



**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Chromium (Total)	8.994	ug/l	No	Yes	0.000	3.655	No	75% of relevant TV
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
PCE	7.500	ug/l	No	Yes			No	75% of relevant TV
TCE	7.500	ug/l	No	Yes			No	75% of relevant TV
Pentachlorophenol	0.720	ug/l	No	Yes			No	75% of relevant TV
Chloroform	4.497	ug/l	Yes	Yes			No	75% of relevant TV
Benzene	0.750	ug/l	No	Yes			No	75% of relevant TV
Toluene	89.940	ug/l	No	No			No	75% of relevant TV
Arsenic (Total)	7.500	ug/l	No	Yes	1.160	3.400	No	75% of relevant TV
Copper (Total)	17.988	ug/l	Yes	No	0.000	8.150	No	75% of relevant TV
Zinc (Total)	134.910	ug/l	No	No	0.000	65.630	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	0.000	10.000	No	75% of relevant TV
Xylene -p+m	37.500	ug/l	No	Yes			No	75% of relevant TV
Anthracene	0.180	ug/l	No	Yes			No	75% of relevant TV
Phenol	7.500	ug/l	No	No			No	75% of relevant TV
Naphthalene	4.317	ug/l	No	Yes			No	75% of relevant TV
1,1,2-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	No	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	No	No	0.000	0.300	No	75% of relevant TV
Phosphate	71.952	ug/l	Yes	No	71.000	71.000	No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Lead (Total)	12.951	ug/l	Yes	Yes			No	75% of relevant TV
Cadmium (Total)	0.360	ug/l	No	Yes			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G12
<b>Waterbody ID and Name:</b>	<a href="#">GB40401G305600</a> Warwickshire Avon - PT Sandstone Bromsgove South
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Poor (High)	Poor	Disproportionately expensive (GQ5b)
Saline Intrusion	Good (Low)	Good	
Water Balance	Poor (High)	Poor	Disproportionately expensive (GQ5a)

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	No	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	No	Yes			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G13
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G300800</a> Worcestershire Middle Severn - PT Sandstone
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2027
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Poor (High)	Poor	Technically infeasible (GQ2b)
Impact On Surface Waters	Poor (High)	Poor	Disproportionately expensive (GQ5b)
Saline Intrusion	Good (High)	Good	
Water Balance	Poor (High)	Poor	Disproportionately expensive (GQ5a)

#### Chemical Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (High)	Poor	Disproportionately expensive (GC4a)
General Chemical Test	Poor (High)	Poor	Disproportionately expensive (GC4a)
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Poor (Low)	Poor	Technically infeasible (GC1a)
Saline Intrusion	Good (High)	Good	

## Pressures and Risks

<b>Pressures</b>	<b>Risk Category</b>	<b>Element against which assessed</b>
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants	Chlorinated Solvents	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	Yes	No	0.300	0.300	No	75% of relevant TV
Phosphate	187.000	ug/l	Yes	No	187.000	262.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.117	ug/l	No	Yes			No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	Yes	Yes			Yes	75% of relevant TV
Pentachlorophenol	0.467	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	Yes	Yes			Yes	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	5.835	ug/l	Yes	Yes	2.390	2.900	No	75% of relevant TV
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
PCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
TCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
Chloroform	2.917	ug/l	Yes	Yes			No	75% of relevant TV
Zinc (Dissolved)	90.000	ug/l	No	No	90.000	386.000	No	75% of relevant TV
Chromium (Dissolved)	5.835	ug/l	No	Yes	2.390	2.900	No	75% of relevant TV
Nickel (Dissolved)	15.000	ug/l	No	Yes	10.000	19.300	No	75% of relevant TV
Mecoprop	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Benzene	0.750	ug/l	No	Yes			No	75% of relevant TV
Toluene	58.348	ug/l	No	No			No	75% of relevant TV
Diuron	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Arsenic (Total)	14.000	ug/l	No	Yes	14.000	23.500	No	75% of relevant TV
Copper (Dissolved)	110.000	ug/l	No	No	110.000	116.350	No	75% of relevant TV
Copper (Total)	110.000	ug/l	Yes	No	110.000	116.350	No	75% of relevant TV
Zinc (Total)	90.000	ug/l	Yes	No	90.000	386.000	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	Yes	Yes	10.000	19.300	No	75% of relevant TV
Xylene -p+m	35.009	ug/l	No	Yes			No	75% of relevant TV
Anthracene	0.117	ug/l	No	Yes			No	75% of relevant TV
Phenol	7.500	ug/l	No	No			No	75% of relevant TV
Naphthalene	2.801	ug/l	No	Yes			No	75% of relevant TV
1,1,2-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Lead (Total)	8.402	ug/l	Yes	Yes			No	75% of relevant TV
Lead (Dissolved)	8.402	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Cadmium (Dissolved)	0.233	ug/l	No	Yes			No	75% of relevant TV
Cadmium (Total)	0.233	ug/l	Yes	Yes			No	75% of relevant TV

Diazinon	0.012 ug/l	No	Yes	No	75% of relevant TV
Nitrate	42.000 mg/l	Yes	No	Yes	75% of relevant TV
Carbendazim	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Boron	750.000 ug/l	Yes	No	No	75% of relevant TV
Clopyralid	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Metazachlor	0.075 ug/l	No	Yes	No	75% of relevant TV
Trifluralin	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Trietazine	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Terbutryn	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Sodium	112.500 mg/l	Yes	No	No	75% of relevant TV
Propazine	0.075 ug/l	No	Yes	No	75% of relevant TV
Dichlorprop	75.000 ug/l	No	Yes	No	75% of relevant TV
Fluoride	1.125 mg/l	No	No	No	75% of relevant TV
Mercury	0.750 ug/l	No	Yes	No	75% of relevant TV
MCPA	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Dalapon	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Cyanazine	0.075 ug/l	No	Yes	No	75% of relevant TV
Aluminium	150.000 ug/l	No	Yes	No	75% of relevant TV
Glyphosate	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Chlortoluron	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Carbetamide	0.075 ug/l	Yes	Yes	No	75% of relevant TV
1,2-dichloroethane	2.250 ug/l	No	Yes	No	75% of relevant TV
Propetamphos	0.075 ug/l	No	Yes	No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G14
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G204100</a> Wye Minor
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (High)	Good	
General Chemical Test	Good (High)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test



**Threshold value (TV), trends and other relevant information (for groundwater only)**

<b>Substance</b>	<b>TV</b>	<b>Units</b>	<b>Exceedance</b>	<b>Hazardous</b>	<b>Min NBL</b>	<b>Max NBL</b>	<b>Upward trend</b>	<b>Starting point for reversing the trend</b>
Ammonia	0.300	mg/l	Yes	No	0.000	0.300	Yes	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G15
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G206300</a> Usk and Wye Southern Carboniferous Limestone
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed

#### Threshold value (TV), trends and other relevant information (for groundwater only)

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Lead (Total)	9.600	ug/l	Yes	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G16
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G806000</a> South of Malmesbury
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (Low)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Phosphate	208.613	ug/l	No	No	50.000	50.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.017	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	No	Yes			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G17
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G303100</a> Avonmouth Mercia Mudstone
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G18
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G804900</a> Bristol Airport - Carboniferous Limestone
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test

#### Threshold value (TV), trends and other relevant information (for groundwater only)

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G19
<b>Waterbody ID and Name:</b>	<a href="#">GB40401G300200</a> Staffordshire Trent Valley - PT Sandstone Bishops Wood
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Poor (Low)	Poor	Disproportionately expensive (GQ1b)
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test



**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.160	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.016	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Dalapon	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G20
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G204900</a> Severn Vale - Secondary Combined
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (High)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

## Pressures and Risks

<b>Pressures</b>	<b>Risk Category</b>	<b>Element against which assessed</b>
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants	Mines	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test, Saline Intrusion Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Benzene	0.750	ug/l	No	Yes			No	75% of relevant TV
Toluene	67.575	ug/l	No	No			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Arsenic (Total)	7.500	ug/l	No	Yes	1.500	3.400	No	75% of relevant TV
Copper (Dissolved)	17.783	ug/l	No	No	0.000	24.750	No	75% of relevant TV
Copper (Total)	13.142	ug/l	Yes	No	0.000	24.750	No	75% of relevant TV
Zinc (Total)	98.568	ug/l	Yes	No	0.000	190.000	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	Yes	Yes	0.000	10.000	No	75% of relevant TV
Xylene -p+m	37.500	ug/l	No	Yes			No	75% of relevant TV
Anthracene	0.135	ug/l	No	Yes			No	75% of relevant TV
Phenol	7.500	ug/l	No	No			No	75% of relevant TV
Naphthalene	3.244	ug/l	No	Yes			No	75% of relevant TV
1,1,2-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Chloroform	3.379	ug/l	No	Yes			No	75% of relevant TV
Zinc (Dissolved)	133.370	ug/l	No	No	0.000	190.000	No	75% of relevant TV
Chromium (Dissolved)	8.891	ug/l	No	Yes	0.000	3.655	No	75% of relevant TV
Nickel (Dissolved)	15.000	ug/l	No	Yes	0.000	10.000	No	75% of relevant TV
Simazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	No	No	0.000	0.300	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.135	ug/l	No	Yes			No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	No	Yes			No	75% of relevant TV
Pentachlorophenol	0.541	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	6.571	ug/l	No	Yes	0.000	3.655	No	75% of relevant TV
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
PCE	7.500	ug/l	No	Yes			No	75% of relevant TV
TCE	7.500	ug/l	No	Yes			No	75% of relevant TV
Lead (Total)	9.463	ug/l	Yes	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV

MCPA	0.075 ug/l	No	Yes	No	75% of relevant TV
Dalapon	0.075 ug/l	No	Yes	No	75% of relevant TV
Cyanazine	0.075 ug/l	No	Yes	No	75% of relevant TV
Electrical conductivity	1875.000 uS/cm	No	No	No	75% of relevant TV
Aluminium	150.000 ug/l	No	Yes	No	75% of relevant TV
Glyphosate	0.075 ug/l	No	Yes	No	75% of relevant TV
Chlortoluron	0.075 ug/l	No	Yes	No	75% of relevant TV
Carbetamide	0.075 ug/l	No	Yes	No	75% of relevant TV
Carbendazim	0.075 ug/l	No	Yes	No	75% of relevant TV
Boron	750.000 ug/l	No	No	No	75% of relevant TV
Clopyralid	0.075 ug/l	No	Yes	No	75% of relevant TV
Metazachlor	0.075 ug/l	No	Yes	No	75% of relevant TV
Trifluralin	0.075 ug/l	No	Yes	No	75% of relevant TV
Trietazine	0.075 ug/l	No	Yes	No	75% of relevant TV
Terbutryn	0.075 ug/l	No	Yes	No	75% of relevant TV
Sodium	112.500 mg/l	No	No	No	75% of relevant TV
Lead (Dissolved)	12.803 ug/l	No	Yes	No	75% of relevant TV
Cypermethrin	0.075 ug/l	No	Yes	No	75% of relevant TV
Cadmium (Dissolved)	0.356 ug/l	No	Yes	No	75% of relevant TV
Cadmium (Total)	0.263 ug/l	Yes	Yes	No	75% of relevant TV
Diazinon	0.014 ug/l	No	Yes	No	75% of relevant TV
Propetamphos	0.075 ug/l	No	Yes	No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G21
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G806200</a> Carboniferous Limestone (Alveston)
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test

#### Threshold value (TV), trends and other relevant information (for groundwater only)

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G22
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G804700</a> Wells
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (High)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

#### Threshold value (TV), trends and other relevant information (for groundwater only)

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Lead (Total)	9.511	ug/l	Yes	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G23
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G804800</a> Bristol Triassic
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2027
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (Low)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (High)	Poor	Disproportionately expensive (GC4a)
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test



Threshold value (TV), trends and other relevant information (for groundwater only)							
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Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
1,1,2-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Copper (Total)	13.736	ug/l	No	No	0.000	24.750	Yes	75% of relevant TV
Zinc (Total)	103.022	ug/l	Yes	No	0.000	190.000	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	0.000	10.000	No	75% of relevant TV
Xylene -p+m	37.500	ug/l	No	Yes			No	75% of relevant TV
Phenol	7.500	ug/l	No	No			No	75% of relevant TV
Naphthalene	5.985	ug/l	No	Yes			No	75% of relevant TV
Chloroform	3.434	ug/l	Yes	Yes			No	75% of relevant TV
Benzene	0.750	ug/l	No	Yes			No	75% of relevant TV
Toluene	68.681	ug/l	No	No			No	75% of relevant TV
Arsenic (Total)	7.500	ug/l	No	Yes	3.050	3.400	No	75% of relevant TV
Ammonia	0.300	mg/l	No	No	0.000	0.300	No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	Yes	Yes			No	75% of relevant TV
Pentachlorophenol	0.761	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	6.868	ug/l	Yes	Yes	0.000	1.000	No	75% of relevant TV
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
PCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
TCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV
Lead (Total)	9.890	ug/l	Yes	Yes			No	75% of relevant TV
Cadmium (Total)	0.275	ug/l	Yes	Yes			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Sodium	112.500	mg/l	Yes	No			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G24
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G301100</a> Severn Vale - PT Sandstone Newent
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2027
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Poor (High)	Poor	Disproportionately expensive (GQ5b)
Saline Intrusion	Good (High)	Good	
Water Balance	Poor (High)	Poor	Disproportionately expensive (GQ5a)

#### Chemical Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (High)	Poor	Disproportionately expensive (GC4a)
General Chemical Test	Poor (High)	Poor	Disproportionately expensive (GC4a)
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

Pressures and Risks		
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Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Phosphate	262.000	ug/l	No	No	262.000	262.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.167	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV
Diazinon	0.017	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	Yes	No			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Bromate	0.008	mg/l	No	No			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G25
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G990900</a> Warwickshire Avon - Secondary Mudrocks
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Pentachlorophenol	0.993	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Arsenic (Total)	7.500	ug/l	No	Yes	3.400	3.400	No	75% of relevant TV
Copper (Total)	24.814	ug/l	No	No	0.000	0	No	75% of relevant TV
Zinc (Total)	186.104	ug/l	No	No	0.000	0	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	0.000	0	No	75% of relevant TV
Xylene -p+m	37.500	ug/l	No	Yes			No	75% of relevant TV
Anthracene	0.248	ug/l	No	Yes			No	75% of relevant TV
Phenol	7.500	ug/l	No	No			No	75% of relevant TV
Naphthalene	5.955	ug/l	No	Yes			No	75% of relevant TV
1,1,2-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	No	No	0.000	0	No	75% of relevant TV
Phosphate	297.767	ug/l	No	No			No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.248	ug/l	No	Yes			No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	12.407	ug/l	No	Yes	0.000	0	No	75% of relevant TV
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
PCE	7.500	ug/l	No	Yes			No	75% of relevant TV
TCE	7.500	ug/l	No	Yes			No	75% of relevant TV
Chloroform	6.204	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Benzene	0.750	ug/l	No	Yes			No	75% of relevant TV
Toluene	124.070	ug/l	No	No			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.025	ug/l	No	Yes			No	75% of relevant TV
Lead (Total)	17.866	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Cadmium (Total)	0.496	ug/l	No	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	No	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV

Fluoride	1.125 mg/l	No	No	No	75% of relevant TV
Mercury	0.750 ug/l	No	Yes	No	75% of relevant TV
MCPA	0.075 ug/l	No	Yes	No	75% of relevant TV
Propetamphos	0.075 ug/l	No	Yes	No	75% of relevant TV
Metazachlor	0.075 ug/l	No	Yes	No	75% of relevant TV
Trifluralin	0.075 ug/l	No	Yes	No	75% of relevant TV
Nitrate	42.000 mg/l	Yes	No	No	75% of relevant TV
Dalapon	0.075 ug/l	No	Yes	No	75% of relevant TV
Cyanazine	0.075 ug/l	No	Yes	No	75% of relevant TV
Aluminium	150.000 ug/l	No	Yes	No	75% of relevant TV
Glyphosate	0.075 ug/l	No	Yes	No	75% of relevant TV
Chlortoluron	0.075 ug/l	No	Yes	No	75% of relevant TV
Carbetamide	0.075 ug/l	No	Yes	No	75% of relevant TV
Carbendazim	0.075 ug/l	No	Yes	No	75% of relevant TV
Boron	750.000 ug/l	No	No	No	75% of relevant TV
Clopyralid	0.075 ug/l	No	Yes	No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G26
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G806100</a> Corallian Limestone (Calne to Swindon)
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test

#### Threshold value (TV), trends and other relevant information (for groundwater only)

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Phosphate	330.246	ug/l	No	No	50.000	50.000	No	75% of relevant TV



<b>Waterbody Category and Map Code.:</b>	Groundwater - G27
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G203400</a> Severn Uplands - Secondary Combined
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2027
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (High)	Poor	Disproportionately expensive (GC4a)
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Poor (High)	Poor	Technically infeasible (GC1a)
Saline Intrusion	Good (High)	Good	

## Pressures and Risks

<b>Pressures</b>	<b>Risk Category</b>	<b>Element against which assessed</b>
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants	Mines	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test, Saline Intrusion Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Nutrients, Hazardous Substances and other pollutants	GWDTE (chemical)	GWDTE Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Phosphate	93.500	ug/l	Yes	No	93.500	93.500	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.162	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	8.118	ug/l	No	Yes	0.000	1.850	No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Copper (Total)	16.236	ug/l	Yes	No	0.000	24.750	No	75% of relevant TV
Zinc (Total)	121.772	ug/l	Yes	No	0.000	190.000	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	0.000	10.000	No	75% of relevant TV
Ammonia	0.300	mg/l	No	No	0.000	0.300	No	75% of relevant TV
Diazinon	0.016	ug/l	No	Yes			No	75% of relevant TV
Lead (Total)	11.690	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Cadmium (Total)	0.325	ug/l	Yes	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	Yes	No			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Electrical conductivity	1875.000	uS/cm	No	No			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G28
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G203600</a> SE Valleys Carboniferous Limestone
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (High)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients, Hazardous Substances and other pollutants	GWDTE (chemical)	GWDTE Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

<b>Substance</b>	<b>TV</b>	<b>Units</b>	<b>Exceedance</b>	<b>Hazardous</b>	<b>Min NBL</b>	<b>Max NBL</b>	<b>Upward trend</b>	<b>Starting point for reversing the trend</b>
Ammonia	0.300	mg/l	No	No	0.110	0.300	No	75% of relevant TV
Phosphate	93.500	ug/l	No	No	93.500	93.500	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	1.310	10.000	No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G29	
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G300100</a>	Shropshire Middle Severn - PT Sandstone East Shropshire
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive	
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes	

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Poor (Low)	Poor	Disproportionately expensive (GQ1b)
Saline Intrusion	Good (High)	Good	
Water Balance	Poor (Low)	Poor	Disproportionately expensive (GQ1c)

#### Chemical Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (High)	Poor	Disproportionately expensive (GC4a)
General Chemical Test	Poor (Low)	Poor	Disproportionately expensive (GC4a)
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Poor (Low)	Poor	Technically infeasible (GC1a)
Saline Intrusion	Good (High)	Good	

## Pressures and Risks

<b>Pressures</b>	<b>Risk Category</b>	<b>Element against which assessed</b>
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants	Chlorinated Solvents	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Dichloromethane	7.500	ug/l	No	Yes			No	75% of relevant TV
PCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
TCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
Chloroform	3.566	ug/l	Yes	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	Yes	No	0.000	0.300	No	75% of relevant TV
Phosphate	187.000	ug/l	Yes	No	187.000	187.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.143	ug/l	No	Yes			No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	Yes	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Arsenic (Total)	7.500	ug/l	No	Yes	3.400	14.000	No	75% of relevant TV
Copper (Total)	13.820	ug/l	Yes	No	0.000	116.350	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	Yes	Yes	0.000	10.000	No	75% of relevant TV
1,1,2-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Lead (Total)	9.950	ug/l	Yes	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.014	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	Yes	No			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV



Clopyralid	0.075 ug/l	No	Yes	No	75% of relevant TV
Carbetamide	0.075 ug/l	No	Yes	No	75% of relevant TV
Carbendazim	0.075 ug/l	No	Yes	No	75% of relevant TV
1,2-dichloroethane	2.250 ug/l	No	Yes	No	75% of relevant TV
Propetamphos	0.075 ug/l	No	Yes	No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G30
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G203900</a> SE Valleys Northern Devonian Old Red Sandstone
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients, Hazardous Substances and other pollutants	GWDTE (chemical)	GWDTE Test

#### Threshold value (TV), trends and other relevant information (for groundwater only)

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G31
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G805500</a> Bath Oolite
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (High)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

Threshold value (TV), trends and other relevant information (for groundwater only)								
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Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.015	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	Yes	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G32
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G304500</a> Severn Vale - Jurassic Limestone Cotswold Edge South
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2027
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (High)	Poor	Disproportionately expensive (GC4a)
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.119	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.012	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV
Lead (Total)	8.574	ug/l	Yes	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G33
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G202300</a> Severn Uplands - PT Sandstone Knockin
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2027
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Poor (Low)	Poor	Disproportionately expensive (GQ1b)
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (High)	Poor	Disproportionately expensive (GC4a)
General Chemical Test	Poor (High)	Poor	Disproportionately expensive (GC4a)
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

Threshold value (TV), trends and other relevant information (for groundwater only)								
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Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Phosphate	187.000	ug/l	Yes	No	187.000	187.000	No	75% of relevant TV
Mecoprop	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Arsenic (Total)	14.000	ug/l	Yes	Yes	14.000	14.000	Yes	75% of relevant TV
Nickel (Total)	15.000	ug/l	Yes	Yes	10.000	10.000	No	75% of relevant TV
Lead (Total)	9.687	ug/l	Yes	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV
Clopyralid	0.075	ug/l	Yes	Yes			No	75% of relevant TV



<b>Waterbody Category and Map Code.:</b>	Groundwater - G34	
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G991800</a>	Shropshire Middle Severn - Secondary Mudrocks and Drift Wem
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive	
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No	

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Poor (Low)	Poor	Disproportionately expensive (GQ1b)
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.134	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.013	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	No	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	No	Yes			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G35
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G302900</a> Bristol Avon Forest Marble
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Poor (Low)	Poor	Disproportionately expensive (GQ1c)

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (High)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	Yes	No	0.000	0.300	No	75% of relevant TV
Lead (Total)	8.349	ug/l	Yes	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Boron	750.000	ug/l	Yes	No			No	75% of relevant TV
Sodium	112.500	mg/l	Yes	No			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G36
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G302200</a> Warwickshire Avon - Coal Measures Coventry
<b>Current Overall Status</b>	Poor
<b>Status Objective (Overall):</b>	Good by 2027
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2027
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Poor (Low)	Poor	Disproportionately expensive (GQ1b)
Saline Intrusion	Good (High)	Good	
Water Balance	Poor (Low)	Poor	Disproportionately expensive (GQ1c)

#### Chemical Status

**Current Status (and confidence in this assessment)** Poor (High)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (High)	Poor	Disproportionately expensive (GC4a)
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

## Pressures and Risks

<b>Pressures</b>	<b>Risk Category</b>	<b>Element against which assessed</b>
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Hazardous Substances and other pollutants	Chlorinated Solvents	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	Yes	No	0.000	0	No	75% of relevant TV
Phosphate	217.093	ug/l	No	No			No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.181	ug/l	No	Yes			No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	Yes	Yes			No	75% of relevant TV
Pentachlorophenol	0.724	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	9.045	ug/l	Yes	Yes	0.000	0	No	75% of relevant TV
TCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
Chloroform	4.523	ug/l	Yes	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Benzene	0.750	ug/l	No	Yes			No	75% of relevant TV
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
PCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
Toluene	90.455	ug/l	No	No			No	75% of relevant TV
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Arsenic (Total)	7.500	ug/l	No	Yes	3.400	3.400	No	75% of relevant TV
Copper (Total)	18.091	ug/l	No	No	0.000	0	Yes	75% of relevant TV
Zinc (Total)	135.683	ug/l	Yes	No	0.000	0	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	0.000	0	No	75% of relevant TV
Xylene -p+m	37.500	ug/l	No	Yes			No	75% of relevant TV
Anthracene	0.181	ug/l	No	Yes			No	75% of relevant TV
Phenol	7.500	ug/l	No	No			No	75% of relevant TV
Naphthalene	4.342	ug/l	No	Yes			No	75% of relevant TV
1,1,2-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV
Lead (Total)	13.026	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Cadmium (Total)	0.362	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.018	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Sodium	112.500	mg/l	Yes	No			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV

Fluoride	1.125 mg/l	No	No	No	75% of relevant TV
Mercury	0.750 ug/l	No	Yes	No	75% of relevant TV
MCPA	0.075 ug/l	No	Yes	No	75% of relevant TV
Boron	750.000 ug/l	No	No	No	75% of relevant TV
Clopyralid	0.075 ug/l	No	Yes	No	75% of relevant TV
Metazachlor	0.075 ug/l	No	Yes	No	75% of relevant TV
Trifluralin	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Trietazine	0.075 ug/l	Yes	Yes	No	75% of relevant TV
Terbutryn	0.075 ug/l	Yes	Yes	No	75% of relevant TV
1,2-dichloroethane	2.250 ug/l	No	Yes	No	75% of relevant TV
Propetamphos	0.075 ug/l	No	Yes	No	75% of relevant TV
Carbetamide	0.075 ug/l	No	Yes	No	75% of relevant TV
Dalapon	0.075 ug/l	No	Yes	No	75% of relevant TV
Cyanazine	0.075 ug/l	No	Yes	No	75% of relevant TV
Aluminium	150.000 ug/l	No	Yes	No	75% of relevant TV
Glyphosate	0.075 ug/l	No	Yes	No	75% of relevant TV
Chlortoluron	0.075 ug/l	No	Yes	No	75% of relevant TV



<b>Waterbody Category and Map Code.:</b>	Groundwater - G37
<b>Waterbody ID and Name:</b>	<a href="#">GB40902G201700</a> Usk Devonian Old Red Sandstone
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (High)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (High)	Good	
General Chemical Test	Good (High)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

Threshold value (TV), trends and other relevant information (for groundwater only)								
Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Mecoprop	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Mecoprop	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Boron	750.000	ug/l	No	No			No	75% of relevant TV
Sodium	112.500	mg/l	No	No			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G38
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G202800</a> Severn Vale/ Wye - Carboniferous Limestone Forest of Dean (South)
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (High)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA Test

#### Threshold value (TV), trends and other relevant information (for groundwater only)

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G39
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G804600</a> Mendips
<b>Current Overall Status</b>	Good
<b>Status Objective (Overall):</b>	Good by 2015
<b>Status Objective(s):</b>	Good Quantitative Status by 2015, Good Chemical Status by 2015
<b>Justification if overall objective is not good status by 2015:</b>	
<b>Protected Area Designation:</b>	Drinking Water Protected Area
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	Yes

#### Quantitative Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	
Water Balance	Good (High)	Good	

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (Low)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (Low)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (Low)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Pesticides	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Simazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Glyphosate	0.075	ug/l	No	Yes			No	75% of relevant TV
Chlortoluron	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbetamide	0.075	ug/l	No	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
Clopyralid	0.075	ug/l	No	Yes			No	75% of relevant TV
Metazachlor	0.075	ug/l	No	Yes			No	75% of relevant TV
Trifluralin	0.075	ug/l	No	Yes			No	75% of relevant TV
Trietazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Terbutryn	0.075	ug/l	No	Yes			No	75% of relevant TV
Propazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

<b>Waterbody Category and Map Code.:</b>	Groundwater - G40	
<b>Waterbody ID and Name:</b>	<a href="#">GB40901G300700</a>	Warwickshire Avon - PT Sandstone Warwick/Avon Confined
<b>Current Overall Status</b>	Poor	
<b>Status Objective (Overall):</b>	Good by 2027	
<b>Status Objective(s):</b>	Good Quantitative Status by 2027, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Drinking Water Protected Area, Nitrates Directive	
<b>Groundwater body has an upward trend in pollutant concentrations:</b>	No	

#### Quantitative Status

**Current Status (and confidence in this assessment)** Poor (Low)

#### Quantitative elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Poor (Low)	Poor	Disproportionately expensive (GQ1b)
Saline Intrusion	Good (High)	Good	
Water Balance	Poor (Low)	Poor	Disproportionately expensive (GQ1c)

#### Chemical Status

**Current Status (and confidence in this assessment)** Good (Low)

#### Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Good (High)	Good	
General Chemical Test	Good (Low)	Good	
Impact on Wetlands	Good (High)	Good	
Impact On Surface Waters	Good (Low)	Good	
Saline Intrusion	Good (High)	Good	

#### Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Urbanisation	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Phosphate	General Chemical Test, GWDTE Test, GW-SW Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test

**Threshold value (TV), trends and other relevant information (for groundwater only)**

Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Arsenic (Total)	23.500	ug/l	Yes	Yes	23.500	23.500	No	75% of relevant TV
Copper (Total)	110.000	ug/l	Yes	No	110.000	110.000	No	75% of relevant TV
Zinc (Total)	146.739	ug/l	Yes	No	90.000	90.000	No	75% of relevant TV
Ammonia	0.300	mg/l	Yes	No	0.300	0.300	No	75% of relevant TV
Phosphate	262.000	ug/l	No	No	262.000	262.000	No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	Yes	Yes			No	75% of relevant TV
Pentachlorophenol	0.783	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	9.783	ug/l	Yes	Yes	2.900	2.900	No	75% of relevant TV
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
PCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
TCE	7.500	ug/l	Yes	Yes			No	75% of relevant TV
Chloroform	4.891	ug/l	Yes	Yes			No	75% of relevant TV
Benzene	0.750	ug/l	No	Yes			No	75% of relevant TV
Toluene	97.826	ug/l	No	No			No	75% of relevant TV
Nickel (Total)	19.300	ug/l	Yes	Yes	19.300	19.300	No	75% of relevant TV
Xylene -p+m	37.500	ug/l	No	Yes			No	75% of relevant TV
Anthracene	0.196	ug/l	No	Yes			No	75% of relevant TV
Phenol	7.500	ug/l	No	No			No	75% of relevant TV
Naphthalene	4.696	ug/l	No	Yes			No	75% of relevant TV
1,1,2-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Cadmium (Total)	0.391	ug/l	No	Yes			No	75% of relevant TV
Lead (Total)	14.087	ug/l	Yes	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Boron	750.000	ug/l	Yes	No			No	75% of relevant TV
Sodium	112.500	mg/l	Yes	No			No	75% of relevant TV
Fluoride	1.125	mg/l	No	No			No	75% of relevant TV
Mercury	0.750	ug/l	No	Yes			No	75% of relevant TV
Aluminium	150.000	ug/l	No	Yes			No	75% of relevant TV

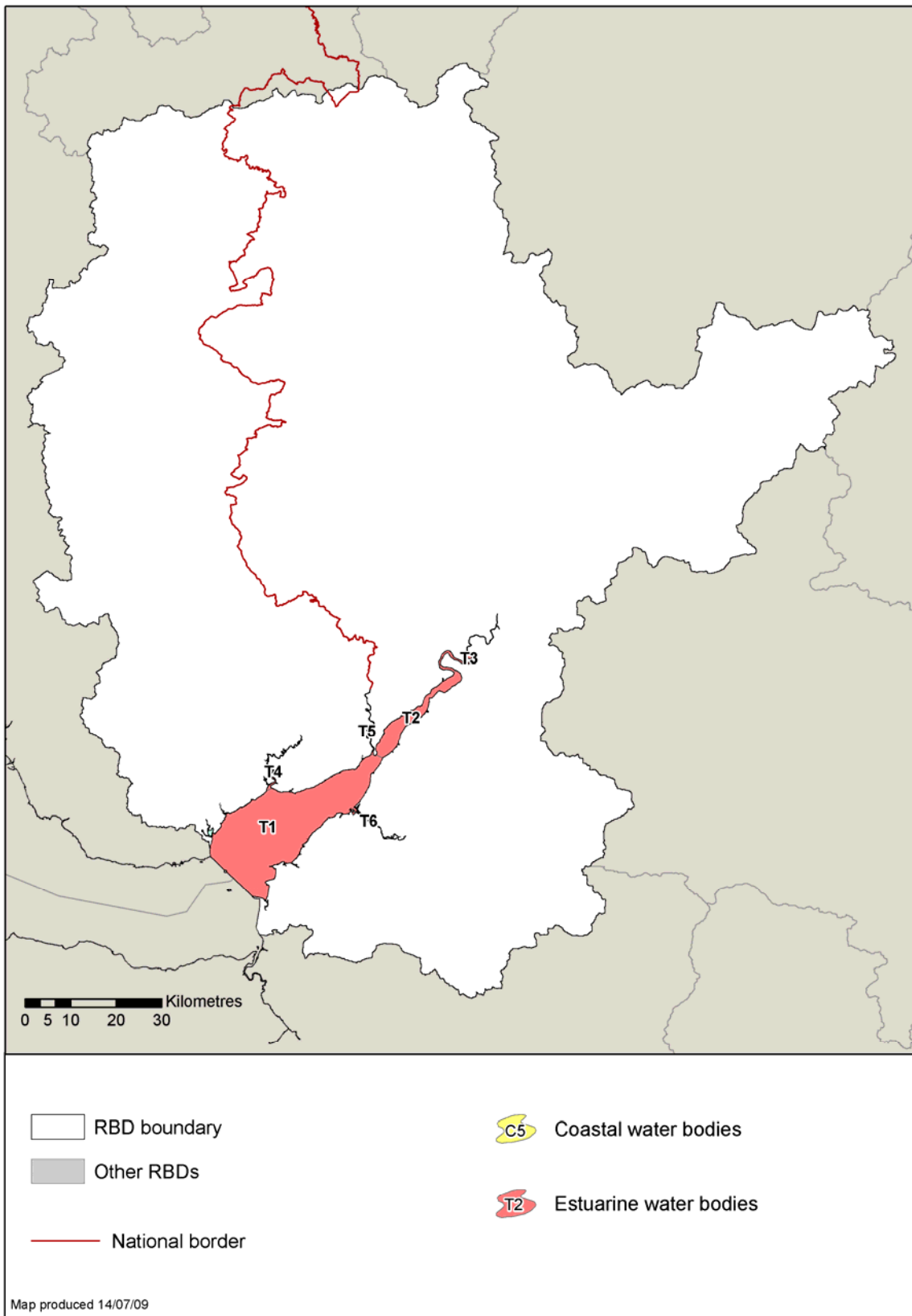
## **B.16 Estuaries and Coastal Waters**

### **Estuarine and coastal water bodies in the Severn river basin district**

There are 6 estuarine water bodies and 0 coastal water bodies in the Severn river basin district.



Figure B.16.1 Estuarine water bodies in the Severn river basin district



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## **Water body tables for estuaries and coastal waters in the Severn river basin district**

This section contains detailed information on the current status and objectives for all estuarine and coastal water bodies in the river basin district. The tables are arranged by map code number.

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	Transitional - T1	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB530905415401</a>	SEVERN LOWER
<b>National Grid Reference:</b>	ST 30553 73336	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Bathing Water Directive, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection	
<b>Downstream Waterbody ID:</b>	GB641008660000	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	
Invertebrates	Moderate (Uncertain)	Moderate	Not Required (MS)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Dissolved Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1a)
Dissolved Oxygen	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3f)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Indirect / offsite mitigation (offsetting measures)	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Managed realignment of flood defence	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Preserve and, where possible, restore historic aquatic habitats	Not In Place
Remove obsolete structure	Not In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Good
---	------

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
1,2-dichloroethane	High	High	
Benzene	High	High	
Cadmium And Its Compounds	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Trichlorobenzenes	High	High	
Trichloromethane	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
DDT Total	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	Transitional - T2	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB530905415402</a>	SEVERN MIDDLE
<b>National Grid Reference:</b>	ST 63746 99441	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection	
<b>Downstream Waterbody ID:</b>	GB530905415401	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Dissolved Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1a)
Dissolved Oxygen	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3f)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>Not In Place</b>
Managed realignment of flood defence	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Transitional - T3	<b>Surveillance site:</b> Yes
<b>Waterbody ID and Name:</b>	<a href="#">GB530905415403</a>	SEVERN UPPER
<b>National Grid Reference:</b>	SO 75560 15457	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection	
<b>Downstream Waterbody ID:</b>	GB530905415402	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Biological elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Fish	Good	Good	

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Dissolved Oxygen	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Tidal Regime - Freshwater Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3f)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Managed realignment of flood defence	Not In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Transitional - T4	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB530905415404</a>	USK
<b>National Grid Reference:</b>	ST 31245 88595	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection	
<b>Downstream Waterbody ID:</b>	GB530905415401	

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Dissolved Oxygen	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Tidal Regime - Freshwater Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3f)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Bank rehabilitation / reprofiling	In Place
Indirect / offsite mitigation (offsetting measures)	Not In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place



**Chemical Status**

**Current Status (and certainty that status is less than good)**                      Good

**Chemical elements**

<b>Element</b>	<b>Current status (and certainty of less than good)</b>	<b>Predicted Status by 2015</b>	<b>Justification for not achieving good status by 2015</b>
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

<b>Waterbody Category and Map Code.:</b>	Transitional - T5	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB530905415406</a> WYE	
<b>National Grid Reference:</b>	ST 54431 97768	
<b>Current Overall Status</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Status by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Urban Waste Water Treatment Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Not Designated A/HMWB	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>	GB530905415401	

**Ecological Status**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Dissolved Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1a)
Dissolved Oxygen	High	High	

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Tidal Regime - Freshwater Flow	Supports Good	Supports Good	
Morphology	Supports Good	Supports Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Transitional - T6	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB530905415405</a>	BRISTOL AVON
<b>National Grid Reference:</b>	ST 54934 75281	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Heavily Modified	
<b>Reason for Designation:</b>	Flood Protection, Navigation, Quayline	
<b>Downstream Waterbody ID:</b>	GB530905415401	

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting conditions**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Tidal Regime - Freshwater Flow	Supports Good	Supports Good	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

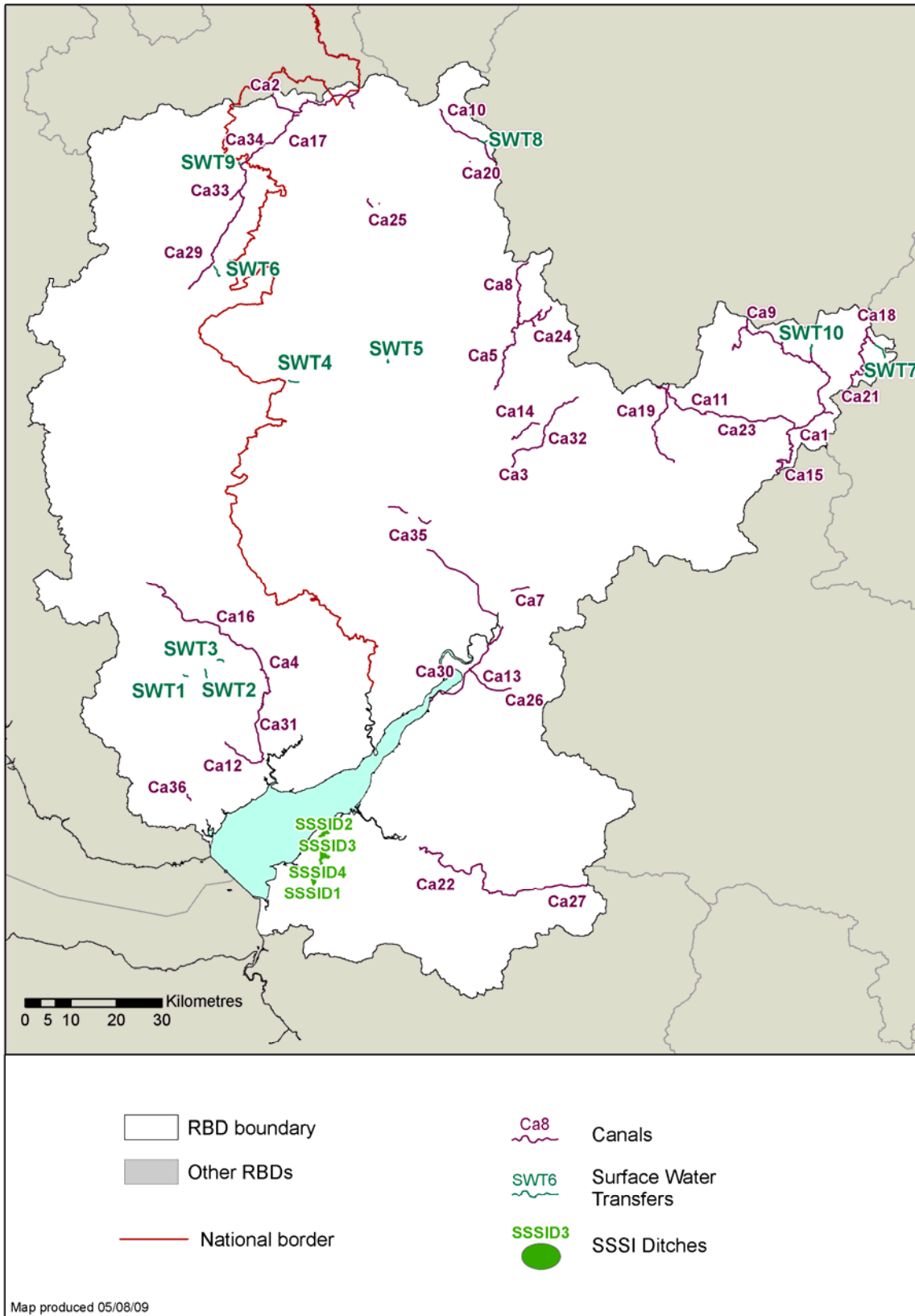
**Current Status (and certainty that status is less than good)** Does not require assessment

## **B.17 Canals, surface water transfers and SSSI ditches**

### **Canals, surface water transfer and SSSI ditches in the Severn river basin district**

There are 36 canal water bodies, 10 surface water transfer water bodies and 4 SSSI ditches in the Severn river basin district.

Figure B.17.1 Canals, surface water transfers and SSSI ditches in the Severn river basin district



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## **Water body tables for canals, surface water transfers and SSSI ditches in the Severn river basin district**

The current status and objectives for canals and surface water transfers in the following tables are largely based on hydromorphological assessments. Where information on any biological, physico-chemical or chemical elements was available these results have also been incorporated. The biological, physico-chemical or chemical elements will be further assessed, where appropriate, and the results will inform future assessments of status and objectives.

The hydromorphological assessments presented here are based on the presence or absence of measures that mitigate the modified or artificial hydromorphological characteristics of the canal or surface water transfer. This approach is explained in more detail in sections B.4.1 and B 4.2 in this annex .

Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

<b>Waterbody Category and Map Code.:</b>	Canal - Ca1	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910511</a>	Grand Union Canal, Braunston to Leamington Spa
<b>National Grid Reference:</b>	SP 48312 62556	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

#### Ecological Potential (note: no biology data)

**Current Status (and certainty that status is less than good)**      Good

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

#### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)** Good

### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	



<b>Waterbody Category and Map Code.:</b>	Canal - Ca2	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910082</a>	Llangollen Canal
<b>National Grid Reference:</b>	SJ 32541 35164	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910158</a>	Worcester & Birmingham Canal, Tardebigge Top Lock to River Severn
<b>National Grid Reference:</b>	SO 85044 53871	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

### Ecological Potential *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca4	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910093</a>	Montgomery Canal
<b>National Grid Reference:</b>	SO 31258 06496	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca5	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910505</a>	Staffordshire & Worcester Canal, Stourbridge Canal to River Severn
<b>National Grid Reference:</b>	SO 83127 79214	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca6	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910212</a>	Coventry and Ashby Canals
<b>National Grid Reference:</b>	SP 41239 99005	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	



### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca7	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910059</a>	Combe Hill canal
<b>National Grid Reference:</b>	SO 86620 26843	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca8	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910260</a>	Staffordshire & Worcester
<b>National Grid Reference:</b>	SO 86643 93487	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

#### Ecological Potential

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

#### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca9	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910513</a>	North Oxford Canal
<b>National Grid Reference:</b>	SP 39969 83279	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca10	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910518</a>	Shropshire Union Canal, Market Drayton to Belvide Reservoir feeder
<b>National Grid Reference:</b>	SJ 73922 27229	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	Moderate (Quite Certain)	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Canal - Ca11	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910205</a>	Grand Union Canal, Warwick to Solihull	
<b>National Grid Reference:</b>	SP 21867 66716		
<b>Current Overall Potential</b>	Moderate		
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible		
<b>Protected Area Designation:</b>	Nitrates Directive		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Navigation		
<b>Downstream Waterbody ID:</b>			

#### Ecological Potential

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

#### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3g)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Vessel Management	In Place
Sediment management	In Place
Modify vessel design	Not In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca12	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910057</a>	Monmouthshire (crumlin)	
<b>National Grid Reference:</b>	ST 25908 90028		
<b>Current Overall Potential</b>	Fail		
<b>Status Objective (Overall):</b>	Good by 2027		
<b>Status Objective(s):</b>	Good Ecological Potential by 2015, Good Chemical Status by 2027		
<b>Justification if overall objective is not good status by 2015:</b>	Technically infeasible		
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Navigation		
<b>Downstream Waterbody ID:</b>			

#### Ecological Potential (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

#### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

#### Chemical Status

**Current Status (and certainty that status is less than good)** Fail (Quite Certain)

#### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Tributyltin Compounds	Moderate (Quite Certain)	Moderate	Technically infeasible (C2a)
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	Canal - Ca13	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910524</a>	Stroudwater Navigation, Whitminster feeder to Pike Lock (dry section)
<b>National Grid Reference:</b>	SO 77194 07560	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Recreation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3h)

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Awareness raising / information boards (invasive species)	<b>Not In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca14	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910034</a>	Droitwich canal
<b>National Grid Reference:</b>	SO 87491 61912	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Recreation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)**      Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Technically infeasible (M3h)

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Sediment management	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Phased de-watering and other techniques	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone (recreation)	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Awareness raising / information boards (invasive species)	Not In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	Not In Place
Education and awareness raising (recreation activities)	Not In Place

### Chemical Status

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca15	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910196</a>	Oxford Canal, summit pound
<b>National Grid Reference:</b>	SP 43221 54930	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Canal - Ca16	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910089</a>	Monmouthshire & Brecon Canal
<b>National Grid Reference:</b>	SO 22977 15933	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca17	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910540</a>	Montgomery Canal, northern section (English part)
<b>National Grid Reference:</b>	SJ 33248 26079	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca18	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910074</a>	Grand Union Canal, Leicester Line (Welford Arm)
<b>National Grid Reference:</b>	SP 63541 81709	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

### Ecological Potential *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca19	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910206</a>	South Stratford Canal
<b>National Grid Reference:</b>	SP 15649 62330	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Canal - Ca20	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910052</a>	Newport canal
<b>National Grid Reference:</b>	SJ 79233 22759	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Recreation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Vessel Management	In Place
Modify vessel design	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Bank rehabilitation / reprofiling	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca21	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910195</a>	Grand Union Canal, Leicester Line, summit pound
<b>National Grid Reference:</b>	SP 61795 79395	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca22	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910177</a>	Kennet & Avon Canal, Bath to Hanham Lock (River Avon)
<b>National Grid Reference:</b>	ST 68914 67640	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca23	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910203</a>	Grand Union Canal, Leamington Spa to Warwick trough pound
<b>National Grid Reference:</b>	SP 31491 65171	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca24	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910519</a>	Stourbridge Canal
<b>National Grid Reference:</b>	SO 91976 86632	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Canal - Ca25	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910504</a>	Shrewsbury & Newport Canal, 4 isolated sections
<b>National Grid Reference:</b>	SJ 53383 11878	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Recreation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

Mitigation Measure	Status
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Phased de-watering and other techniques	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca26	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910525</a>	Stroudwater Navigation, Pike Lock to Wallbridge
<b>National Grid Reference:</b>	SO 81199 04667	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Recreation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca27	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910178</a>	Kennet & Avon Canal, summit to Bath
<b>National Grid Reference:</b>	ST 95745 61889	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca28	<b>Surveillance site:</b>	No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910179</a>	Kennet & Avon Canal, summit pound	
<b>National Grid Reference:</b>	SU 23211 63397		
<b>Current Overall Potential</b>	Good		
<b>Status Objective (Overall):</b>	Good by 2015		
<b>Status Objective(s):</b>	Good Ecological Potential by 2015		
<b>Justification if overall objective is not good status by 2015:</b>			
<b>Protected Area Designation:</b>	Not Designated		
<b>SSSI (Non-N2K) related:</b>	No		
<b>Hydromorphological Designation:</b>	Artificial		
<b>Reason for Designation:</b>	Navigation		
<b>Downstream Waterbody ID:</b>			

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

#### Ecological Potential *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

#### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

#### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca29	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910253</a>	Montgomery Canal, southern section
<b>National Grid Reference:</b>	SJ 20503 03251	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Uncertain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Uncertain)	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Canal - Ca30	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910509</a>	Gloucester & Sharpness Canal
<b>National Grid Reference:</b>	SO 72721 04190	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive	
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
2,4-dichlorophenol	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	High	High	
Diazinon	High	High	
Linuron	High	High	
Mecoprop	High	High	
Permethrin	High	High	
Phenol	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

<b>Current Status (and certainty that status is less than good)</b>	Good
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### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Atrazine	High	High	
Chlorfenvinphos	High	High	
Diuron	High	High	
Hexachlorobenzene	High	High	
Hexachlorocyclohexane	High	High	
Isoproturon	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	

<b>Waterbody Category and Map Code.:</b>	Canal - Ca31	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910058</a>	Monmouthshire+Brecon_disused
<b>National Grid Reference:</b>	ST 29225 93535	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015, Good Chemical Status by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

#### Ecological Potential *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

#### Supporting elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Good	Good	

#### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

#### Chemical Status

**Current Status (and certainty that status is less than good)** Good

#### Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Tributyltin Compounds	High	High	
Trichloroethylene	High	High	

<b>Waterbody Category and Map Code.:</b>	Canal - Ca32	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910207</a>	Worcester & Birmingham Canal, Tardebigge Top Lock to River Severn
<b>National Grid Reference:</b>	SO 91999 60872	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place

### Chemical Status

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca33	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910538</a>	Montgomery Canal, trough pound
<b>National Grid Reference:</b>	SJ 26451 18971	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate (Very Certain)

**Supporting elements**

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Ammonia (Phys-Chem)	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Copper	Moderate (Very Certain)	High	
Zinc	Moderate (Very Certain)	High	
Ammonia (Annex 8)	High	High	

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Mitigation Measures that have defined Ecological Potential**

<b>Mitigation Measure</b>	<b>Status</b>
Manage disturbance	<b>In Place</b>
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	<b>In Place</b>
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	<b>In Place</b>
Prepare a dredging / disposal strategy	<b>In Place</b>
Reduce impact of dredging	<b>In Place</b>
Reduce sediment resuspension	<b>In Place</b>
Alter timing of dredging / disposal	<b>In Place</b>
Bank rehabilitation / reprofiling	<b>In Place</b>
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	<b>In Place</b>
Awareness raising / information boards (boat wash / sources of fine sediment)	<b>In Place</b>
Phased de-watering and other techniques	<b>In Place</b>
Selective vegetation control regime	<b>In Place</b>
Appropriate vegetation control technique	<b>In Place</b>
Appropriate timing (vegetation control)	<b>In Place</b>
Appropriate techniques (invasive species)	<b>In Place</b>
Modify vessel design	<b>In Place</b>
Vessel Management	<b>In Place</b>
Sediment management	<b>In Place</b>

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca34	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910539</a>	Montgomery Canal, northern section (Welsh part)
<b>National Grid Reference:</b>	SJ 27104 21414	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

### Ecological Potential *(note: no biology data)*

**Current Status (and certainty that status is less than good)** Good

### Ecological Potential Assessment

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

### Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Prepare a dredging / disposal strategy	In Place
Reduce impact of dredging	In Place
Reduce sediment resuspension	In Place
Alter timing of dredging / disposal	In Place
Bank rehabilitation / reprofiling	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Phased de-watering and other techniques	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Modify vessel design	In Place
Vessel Management	In Place
Sediment management	In Place



**Chemical Status**

**Current Status (and certainty that status is less than good)**

Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca35	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910062</a>	Herefordshire and Gloucester
<b>National Grid Reference:</b>	SO 75624 29215	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Recreation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Canal - Ca36	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB70910006</a>	Whitchurch Canal nr Cardiff
<b>National Grid Reference:</b>	ST 13786 80913	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Navigation	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT1	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100035</a>	unknown
<b>National Grid Reference:</b>	SO 13215 07838	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Water Regulation (strategic transfer)	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT2	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100019</a>	unknown
<b>National Grid Reference:</b>	SO 17742 08329	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Water Regulation (strategic transfer)	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100020</a>	unknown
<b>National Grid Reference:</b>	SO 20985 11254	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Water Regulation (strategic transfer)	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT4	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100028</a>	unknown
<b>National Grid Reference:</b>	SO 36928 72663	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>		
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT5	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100029</a>	unknown
<b>National Grid Reference:</b>	SO 57468 77111	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Water Regulation (strategic transfer)	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT6	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100030</a>	unknown
<b>National Grid Reference:</b>	SO 20230 96839	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT7	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100012</a>	Naseby Feeder
<b>National Grid Reference:</b>	SP 66108 79754	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Water Regulation (strategic transfer)	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT8	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100011</a>	Grub Street Feeder (Shropshire Union Canal)
<b>National Grid Reference:</b>	SJ 78622 25167	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Water Regulation (strategic transfer)	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT9	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100242</a>	Tanat Feeder
<b>National Grid Reference:</b>	SJ 25012 20395	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Water Regulation (strategic transfer)	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	Surface Water Transfer - SWT10	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB809100317</a>	River Swift Feeder
<b>National Grid Reference:</b>	SP 50324 79941	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Nitrates Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Water Regulation (strategic transfer)	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	SSSI Ditch - SSSID1	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB909001001180</a>	PUXTON MOOR
<b>National Grid Reference:</b>	ST 41355 62813	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Not Designated	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage, Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	SSSI Ditch - SSSID2	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB909001001001</a>	GORDANO VALLEY
<b>National Grid Reference:</b>	ST 43899 73229	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage, Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment

<b>Waterbody Category and Map Code.:</b>	SSSI Ditch - SSSID3	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB909001001006</a>	TICKENHAM, NAILSEA & KENN MOORS
<b>National Grid Reference:</b>	ST 42841 67207	
<b>Current Overall Potential</b>	Moderate	
<b>Status Objective (Overall):</b>	Good by 2027	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2027	
<b>Justification if overall objective is not good status by 2015:</b>	Disproportionately expensive, Technically infeasible	
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage, Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential**

**Current Status (and certainty that status is less than good)** Moderate

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Moderate	Moderate	Disproportionately expensive (M2c, M2g)

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment



<b>Waterbody Category and Map Code.:</b>	SSSI Ditch - SSSID4	<b>Surveillance site:</b> No
<b>Waterbody ID and Name:</b>	<a href="#">GB909001000978</a>	BIDDLE STREET, YATTON
<b>National Grid Reference:</b>	ST 42100 65086	
<b>Current Overall Potential</b>	Good	
<b>Status Objective (Overall):</b>	Good by 2015	(For Protected Area Objectives see Annex D)
<b>Status Objective(s):</b>	Good Ecological Potential by 2015	
<b>Justification if overall objective is not good status by 2015:</b>		
<b>Protected Area Designation:</b>	Freshwater Fish Directive	
<b>SSSI (Non-N2K) related:</b>	No	
<b>Hydromorphological Designation:</b>	Artificial	
<b>Reason for Designation:</b>	Land Drainage, Wider Environment	
<b>Downstream Waterbody ID:</b>		

**Note: Current Status and Status Objectives for this water body are based on Expert Judgement**

**Ecological Potential** (note: no biology data)

**Current Status (and certainty that status is less than good)** Good

**Ecological Potential Assessment**

Element	Current status	Predicted Status by 2015	Justification for not achieving good status by 2015
Mitigation Measures Assessment	Good	Good	

**Chemical Status**

**Current Status (and certainty that status is less than good)** Does not require assessment