



Water for life and livelihoods

River Basin Management Plan
Anglian 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
GB105031045600	Welland	Invertebrates	B2a	S3d
GB105031045630	Welland	Fish	B2a	S2b
GB105032045540	Nene	Invertebrates	n/a	S3b
GB105033043070	Cam and Ely Ouse (including South Level)	Phytobenthos	n/a	B2s
GB105033043070	Cam and Ely Ouse (including South Level)	Phytobenthos	n/a	S2b
GB105033043250	Upper and Bedford Ouse	Phytobenthos	n/a	S2b
GB105033047830	Cam and Ely Ouse (including South Level)	Phytobenthos	n/a	S2b
GB105035040360	East Suffolk	Fish	n/a	S2b
GB105035045950	East Suffolk	Fish	n/a	S2b

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B.1 Introduction

This annex sets out the environmental objectives for each of the 866 water bodies in the Anglian 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 bodies¹ 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 status² 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.

¹ Also known as 'good surface water status': Article 2.17.

² 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). 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 substances³ 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

³ 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 1st December 2006 and 31st March 2009 were identified as likely to cause deterioration in the ecological status or potential of water bodies within the Anglian RBD.

B.3 Catchments in the Anglian River Basin District

You can use the sections below to find information on the management catchments within the Anglian 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 Broadland Rivers river catchment
- B.6 Cam & Ely Ouse (Including South Level) river catchment
- B.7 Combined Essex river catchment
- B.8 East Suffolk river catchment
- B.9 Nene river catchment
- B.10 North Norfolk river catchment
- B.11 North West Norfolk river catchment
- B.12 Old Bedford including the Middle Level river catchment
- B.13 Upper & Bedford Ouse river catchment
- B.14 Welland river catchment
- B.15 Witham river catchment
- B.16 Groundwaters
- B.17 Estuaries and Coastal Waters
- B.18 Canals and surface water transfers

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 Anglian river basin district and river catchment divisions



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

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

Water body category	Current Status	Status objective				Total number of water bodies
	Good or high now	Good or high in 2015	Good or high in 2021	Good or high in 2027	Less than good in 2015	
Overall						
Rivers	135	142	142	757	615	757
Lakes	14	17	17	49	32	49
Coasts	3	3	3	11	8	11
Estuaries	0	0	0	18	18	18
Groundwater	14	14	14	31	17	31
Natural water bodies						
Rivers	54	59	59	232	173	232
Lakes	3	6	6	11	5	11
Coasts	0	0	0	4	4	4
Estuaries	0	0	0	4	4	4
Groundwater	14	14	14	31	17	31
Artificial/Heavily modified water bodies						
Heavily modified water bodies	42	44	44	431	387	431
Artificial water bodies	53	53	53	153	100	153

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. 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**

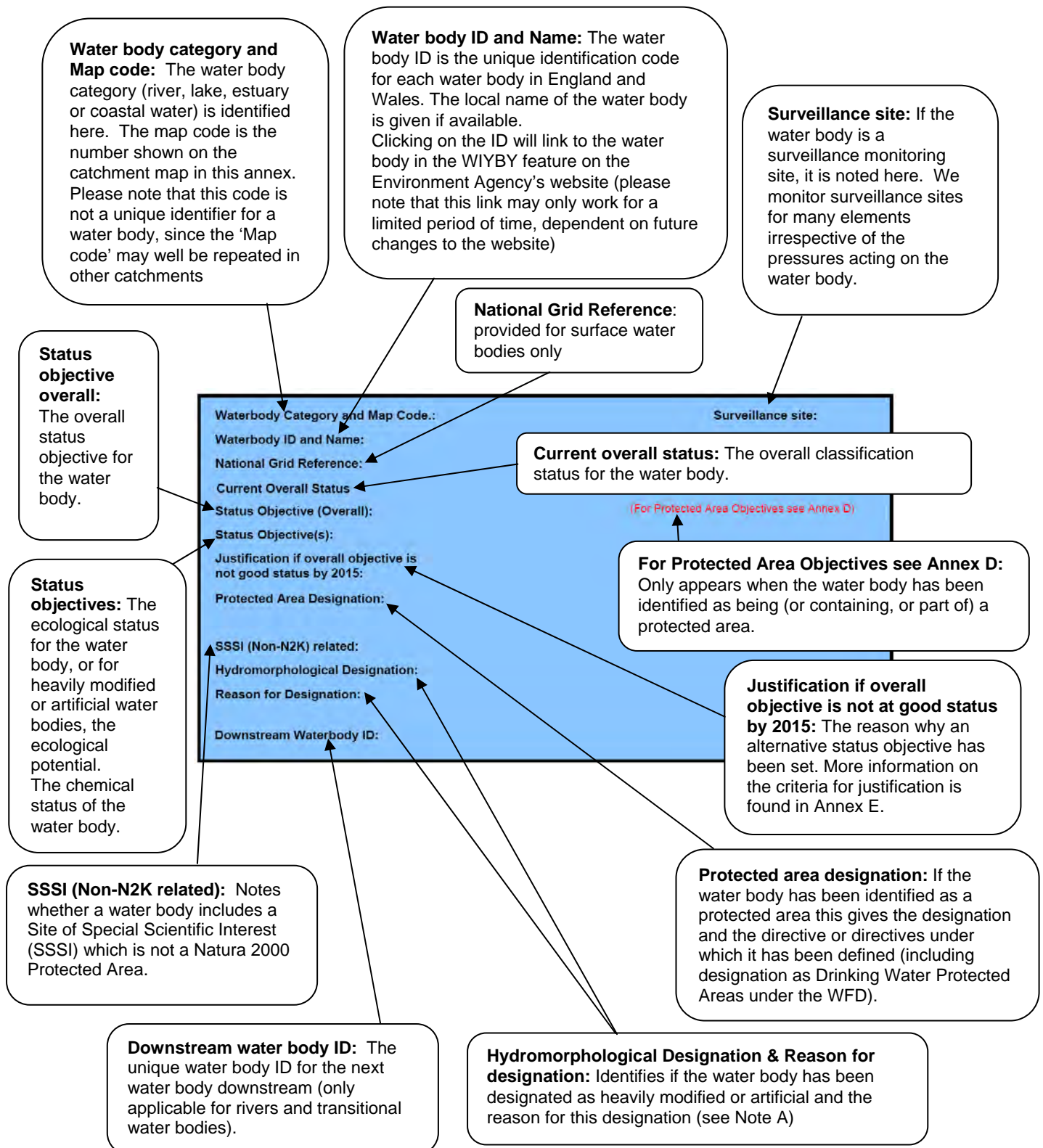


Figure B 4.2. Surface water body tables explained – part 2

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.

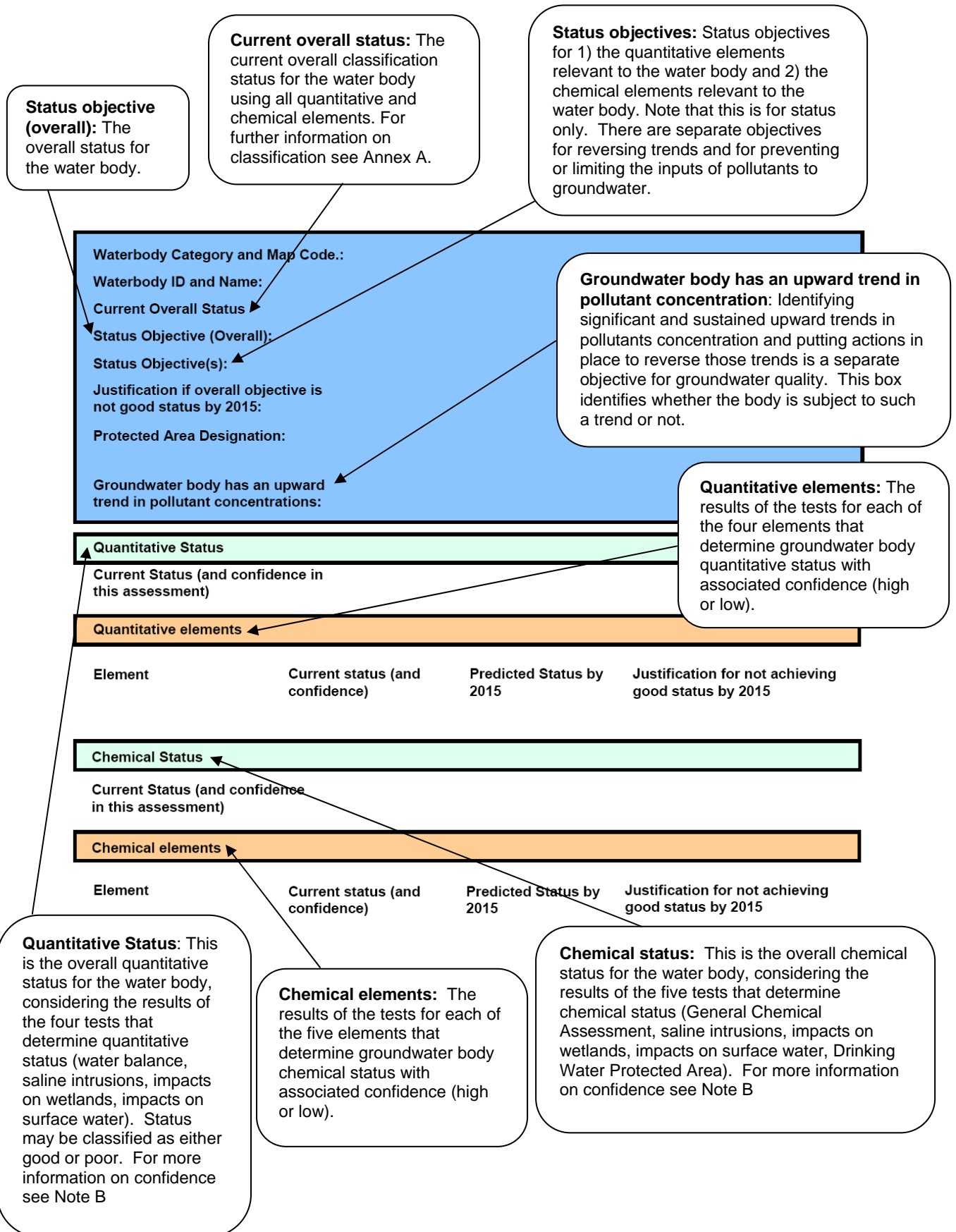
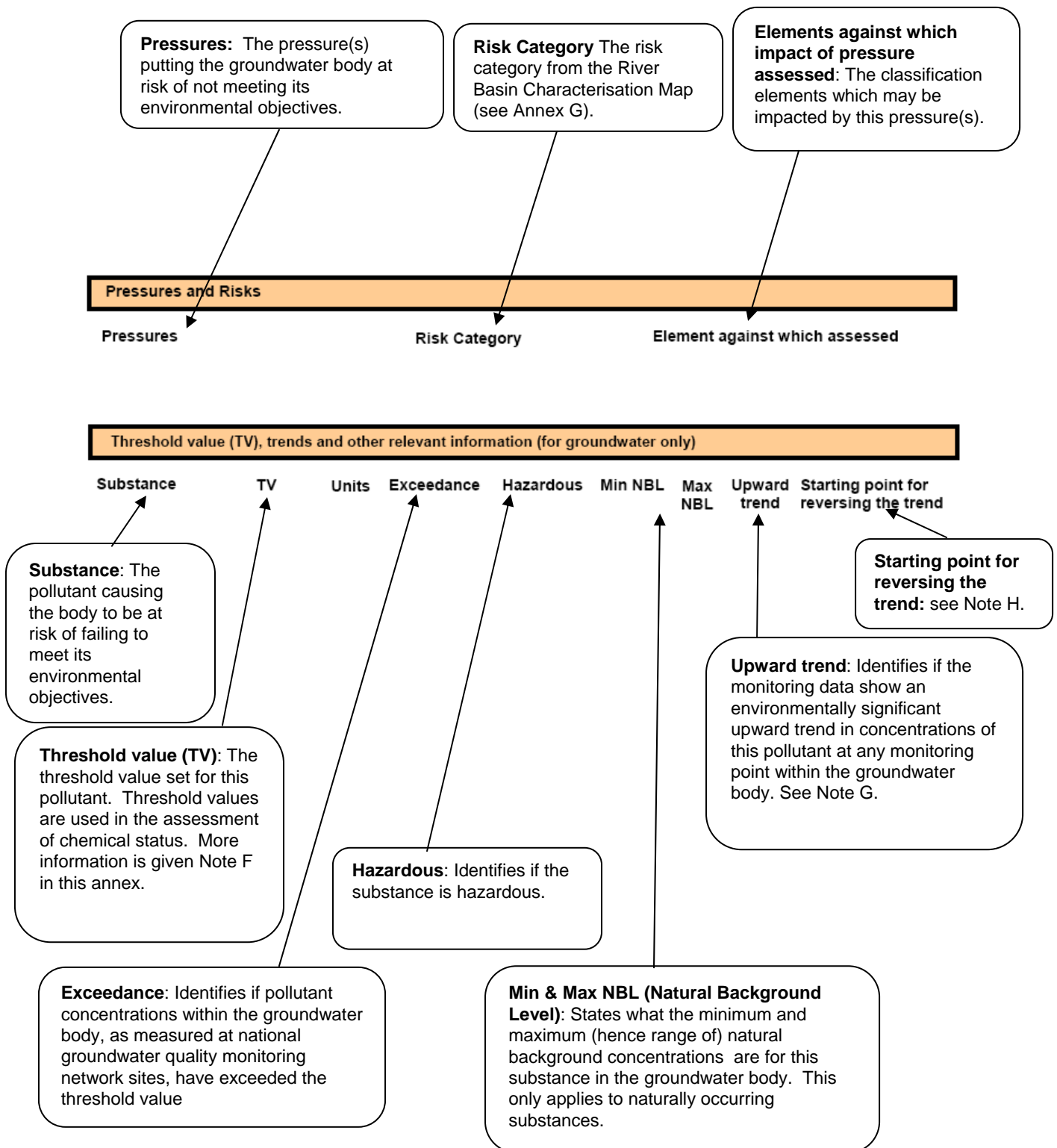


Figure B. 4.4 Groundwater tables explained - part 2



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 status⁴. 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.

⁴ 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).

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

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 Broadland Rivers river catchment

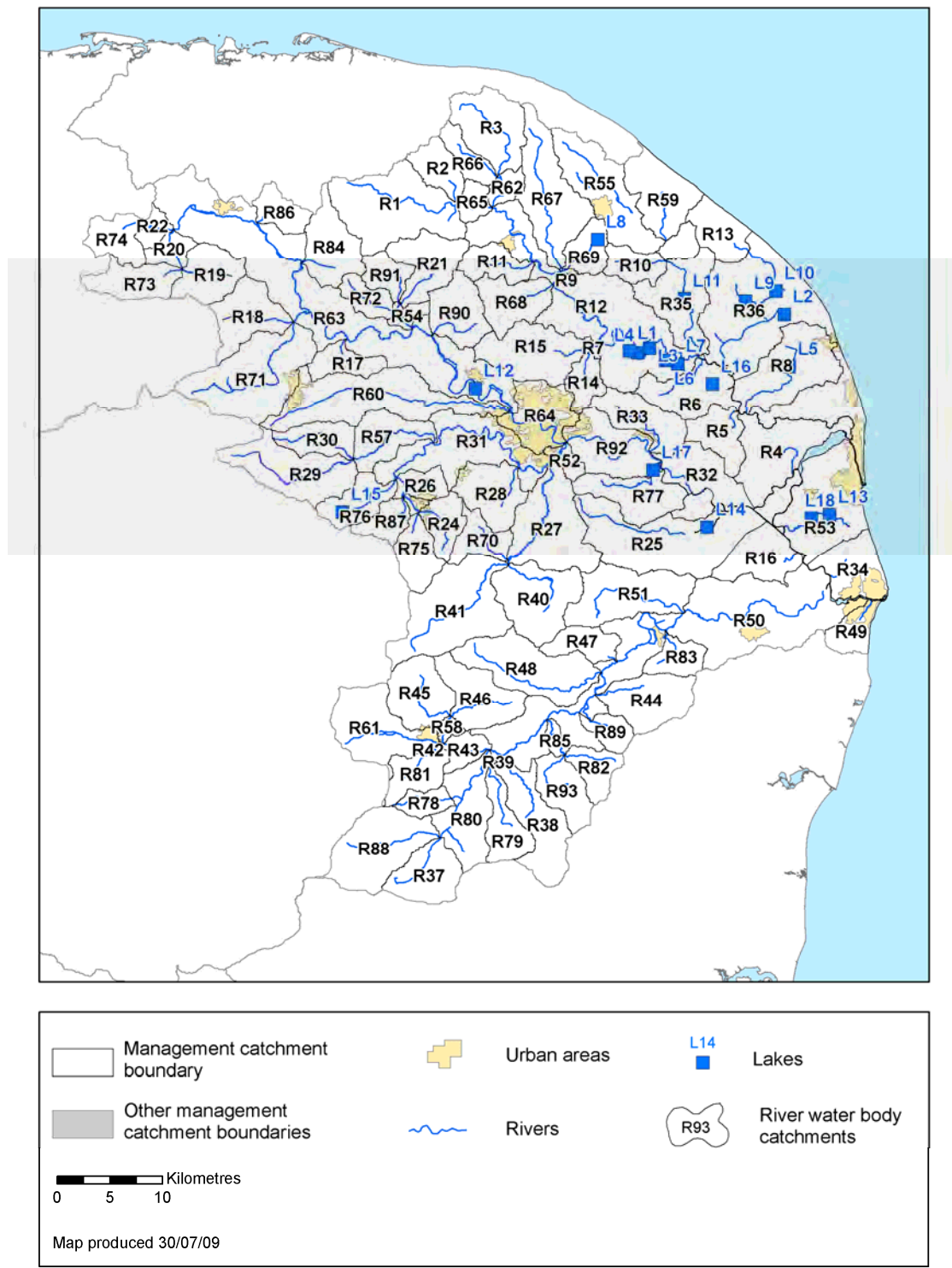
Rivers and lakes

There are 93 river water bodies (of which 55 are designated as heavily modified and 3 artificial) and 18 lake water bodies (of which 9 are designated as heavily modified and 1 artificial) within the Broadland Rivers river catchment.

Figure B.5.1 **Status objectives for rivers and lakes in the Broadland Rivers 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	8	8	35	27	35
Lakes	4	4	8	4	8
Heavily modified Water bodies	1	1	64	63	64
Artificial water bodies	0	0	4	4	4

Figure B.5.2 River and lake water bodies in the Broadland Rivers river catchment



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Water body tables for rivers and lakes in the Broadland Rivers 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site:	No
Waterbody ID and Name:	GB105034055690	Bure	
National Grid Reference:	TG 09799 30943		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034055660		

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)
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	
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

Waterbody Category and Map Code.:	River - R2	Surveillance site:	No
Waterbody ID and Name:	GB105034055700	Bure	
National Grid Reference:	TG 14321 31735		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034055660		

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	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	Moderate	Moderate	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R3	Surveillance site: No
Waterbody ID and Name:	GB105034055740	Scarrow Beck
National Grid Reference:	TG 18899 37224	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105034055680	

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	Disproportionately expensive (DO1a)
Dissolved Oxygen	Moderate (Uncertain)	Moderate	
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	Moderate	Moderate	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R4	Surveillance site:	No
Waterbody ID and Name:	GB105034050810	The Fleet	
National Grid Reference:	TG 46842 06912		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB510503410700		

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	
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	

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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R5	Surveillance site:	No
Waterbody ID and Name:	GB105034050830	Bure (Tidal) and Thurne	
National Grid Reference:	TG 40726 09929		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB510503410700		

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)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R6	Surveillance site:	No
Waterbody ID and Name:	GB105034050840	South Walsham Broad	
National Grid Reference:	TG 36094 13890		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB205034051470		

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 (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
Sediment management strategies (develop and revise)	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
Improve floodplain connectivity	In Place
Set-back embankments	In Place
Flood bunds (earth banks, in place of floodwalls)	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105034050850	Bure (Tidal) and Ant	
National Grid Reference:	TG 27967 16908		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034050930		

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	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	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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R8	Surveillance site: No
Waterbody ID and Name:	GB105034050860	Muck Fleet
National Grid Reference:	TG 45484 13133	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB510503410700	

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

Waterbody Category and Map Code.:	River - R9	Surveillance site:	No
Waterbody ID and Name:	GB105034050880	King's Brook	
National Grid Reference:	TG 24499 23941		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034050930		

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	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

Waterbody Category and Map Code.:	River - R10	Surveillance site:	No
Waterbody ID and Name:	GB105034050890	Smallburgh Watercourse	
National Grid Reference:	TG 32023 24709		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Navigation		
Downstream Waterbody ID:	GB105034051330		

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 (Uncertain)	Moderate	Disproportionately expensive (HR2a)
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	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)

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
Increase in-channel morphological diversity	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
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	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
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Sediment management	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Modify vessel design	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Bank rehabilitation / reprofiling	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R11	Surveillance site:	No
Waterbody ID and Name:	GB105034050900	Mermaid Stream	
National Grid Reference:	TG 19628 24654		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034050930		

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	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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current status (and certainty of 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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R12	Surveillance site: Yes
Waterbody ID and Name:	GB105034050930	Bure
National Grid Reference:	TG 29436 17532	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Navigation, Urbanisation	
Downstream Waterbody ID:	GB510503410700	

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)	Moderate	Not Required (MS)
Invertebrates	High	High	
Macrophytes	Good	Good	
Phytobenthos	Moderate (Very 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	Good	Good	
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	

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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Preserve and, where possible, restore historic aquatic habitats	In Place
Increase in-channel morphological diversity	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Set-back embankments	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
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Manage disturbance	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Awareness raising / information boards (invasive species)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Sediment management strategies (develop and revise)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Selective vegetation control regime	In Place
Alter timing of dredging / disposal	In Place
Vessel Management	In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Modify vessel design	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
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
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R13	Surveillance site:	No
Waterbody ID and Name:	GB105034050940	New Cut	
National Grid Reference:	TG 41692 26140		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105034051360		

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)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	High	High	
Temperature	Good	Good	
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)

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
Appropriate techniques (invasive species)	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
Set-back embankments	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Increase in-channel morphological diversity	In Place
Preserve and, where possible, restore historic aquatic habitats	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R14	Surveillance site:	No
Waterbody ID and Name:	GB105034050960	Spixworth Beck	
National Grid Reference:	TG 26868 15616		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034050850		

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)

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	
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
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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R15	Surveillance site:	No
Waterbody ID and Name:	GB105034050970	Spixworth Beck	
National Grid Reference:	TG 25520 16235		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034050850		

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	Moderate (Quite 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	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	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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R16	Surveillance site: No
Waterbody ID and Name:	GB105034050980	Landspring Beck
National Grid Reference:	TM 46344 96570	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB510503410700	

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

Waterbody Category and Map Code.:	River - R17	Surveillance site:	No
Waterbody ID and Name:	GB105034051010	Penny Spot Beck	
National Grid Reference:	TG 03611 17034		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034055881		

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)	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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R18	Surveillance site: Yes
Waterbody ID and Name:	GB105034051050 Blackwater	
National Grid Reference:	TF 95671 19240	
Current Overall Status	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB10503405581	

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 (B1a)
Invertebrates	High	High	
Macrophytes	Moderate (Uncertain)	Moderate	Technically infeasible (B2r)
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	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

Waterbody Category and Map Code.:	River - R19	Surveillance site: No
Waterbody ID and Name:	GB105034051100 Wensum	
National Grid Reference:	TF 90771 23945	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105034051110	

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 conditions

Element	Current status (and certainty of 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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R20	Surveillance site: No
Waterbody ID and Name:	GB105034051110 Wensum	
National Grid Reference:	TF 87396 26202	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105034055881	

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)

Supporting conditions

Element	Current status (and certainty of 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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R21	Surveillance site:	No
Waterbody ID and Name:	GB105034051120	Blackwater Drain	
National Grid Reference:	TG 10424 22265		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051030		

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	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	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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R22	Surveillance site:	No
Waterbody ID and Name:	GB105034051140	Tat	
National Grid Reference:	TF 85816 27864		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034055881		

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	

Supporting elements

Element	Current status (and 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)	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	Moderate	Moderate	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R23	Surveillance site:	No
Waterbody ID and Name:	GB105034051170	Tiffey	
National Grid Reference:	TG 10264 02007		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Land Drainage		
Downstream Waterbody ID:	GB105034051220		

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	Moderate (Uncertain)	Good	
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	

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)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R24	Surveillance site:	No
Waterbody ID and Name:	GB105034051180	Tiffey	
National Grid Reference:	TG 13467 00139		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051170		

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	Moderate (Uncertain)	Good	
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	

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R25	Surveillance site:	No
Waterbody ID and Name:	GB105034051190	River Chet	
National Grid Reference:	TM 30109 99912		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB510503410700		

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	Disproportionately expensive (P1d)
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1d)
Phytobenthos	Poor (Very Certain)	Moderate	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)	Good	Good	
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Poor (Very Certain)	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) 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	

Waterbody Category and Map Code.:	River - R26	Surveillance site:	No
Waterbody ID and Name:	GB105034051220	Tiffey	
National Grid Reference:	TG 09563 03757		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034051280		

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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (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

Waterbody Category and Map Code.:	River - R27	Surveillance site:	No
Waterbody ID and Name:	GB105034051230	Tas	
National Grid Reference:	TG 23174 04004		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Land Drainage, Urbanisation		
Downstream Waterbody ID:	GB105034051250		

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	

Supporting elements

Element	Current status (and 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)	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

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R28	Surveillance site:	No
Waterbody ID and Name:	GB105034051240	Intwood Stream	
National Grid Reference:	TG 19705 03513		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Land Drainage, Urbanisation		
Downstream Waterbody ID:	GB105034051280		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current status (and certainty of 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, M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R29	Surveillance site:	No
Waterbody ID and Name:	GB105034051260	River Blackwater	
National Grid Reference:	TF 97921 04086		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034051290		

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	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

Waterbody Category and Map Code.:	River - R30	Surveillance site:	No
Waterbody ID and Name:	GB105034051270	Yare	
National Grid Reference:	TF 99405 07964		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034051290		

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)

Supporting elements

Element	Current status (and 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

Waterbody Category and Map Code.:	River - R31	Surveillance site:	No
Waterbody ID and Name:	GB105034051280	Yare	
National Grid Reference:	TG 16383 08532		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105034051250		

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	High	High	
Invertebrates	High	High	
Phytobenthos	Poor (Very Certain)	Poor	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	Poor (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	

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 strategies (develop and revise)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R32	Surveillance site: Yes
Waterbody ID and Name:	GB105034051300 Yare (Tidal)	
National Grid Reference:	TG 36311 04257	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB510503410700	

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	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Good	
Temperature	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current 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
Sediment management strategies (develop and revise)	In Place
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
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Set-back embankments	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Increase in-channel morphological diversity	In Place
Preserve and, where possible, restore historic aquatic habitats	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

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	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	Moderate (Quite Certain)	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	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	River - R33	Surveillance site:	No
Waterbody ID and Name:	GB105034051310	Witton Run	
National Grid Reference:	TG 33050 08853		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051370		

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	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R34	Surveillance site:	No
Waterbody ID and Name:	GB105034051320	Waveney(Sth) (Tidal)	
National Grid Reference:	TM 51022 95366		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027		
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Not Designated		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB510503410700		

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 (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
Sediment management strategies (develop and revise)	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
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) Does not require assessment

Waterbody Category and Map Code.:	River - R35	Surveillance site: No
Waterbody ID and Name:	GB105034051330 Ant	
National Grid Reference:	TG 37033 20309	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Land Drainage, Navigation, Wider Environment	
Downstream Waterbody ID:	GB205034051480	

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	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
Zinc	High	High	
Ammonia (Annex 8)	High	High	
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	High	High	
Temperature	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
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, M3c, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Preserve and, where possible, restore historic aquatic habitats	In Place
Increase in-channel morphological diversity	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Set-back embankments	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
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Manage disturbance	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate techniques (invasive species)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Sediment management strategies (develop and revise)	In Place
Selective vegetation control regime	In Place
Lateral zoning to concentrate boats within a central track	In Place
Alter timing of dredging / disposal	In Place
Vessel Management	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Modify vessel design	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R36	Surveillance site: Yes
Waterbody ID and Name:	GB105034051360 Thurne	
National Grid Reference:	TG 41228 17498	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Land Drainage, Navigation, Wider Environment	
Downstream Waterbody ID:	GB510503410700	

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)
Macrophytes	Moderate (Very Certain)	Moderate	Not Required (MS)
Phytobenthos	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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	High	High	
Temperature	Good	Good	
Iron	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	Disproportionately expensive (M2c), Technically infeasible (M3a, M3c, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Preserve and, where possible, restore historic aquatic habitats	In Place
Increase in-channel morphological diversity	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Set-back embankments	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
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate techniques (invasive species)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Sediment management strategies (develop and revise)	In Place
Selective vegetation control regime	In Place
Lateral zoning to concentrate boats within a central track	In Place
Sediment management	In Place
Vessel Management	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Modify vessel design	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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R37	Surveillance site:	No
Waterbody ID and Name:	GB105034045650	Mendlesham Stream	
National Grid Reference:	TM 11324 67224		
Current Overall Status	Bad		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045710		

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 (P1c), 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)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Bad (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Iron	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

Waterbody Category and Map Code.:	River - R38	Surveillance site:	No
Waterbody ID and Name:	GB105034045690	Chickering Beck	
National Grid Reference:	TM 20962 75206		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045700		

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)	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

Waterbody Category and Map Code.:	River - R39	Surveillance site:	No
Waterbody ID and Name:	GB105034045700	Chickering Beck	
National Grid Reference:	TM 17598 77246		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045710		

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)	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

Waterbody Category and Map Code.:	River - R40	Surveillance site:	No
Waterbody ID and Name:	GB105034045720	Hempnall Beck	
National Grid Reference:	TM 21006 95028		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034051230		

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 (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	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	
Morphology	Supports Good	Supports Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R41	Surveillance site: No
Waterbody ID and Name:	GB105034045730	Tas
National Grid Reference:	TM 15452 91819	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105034051230	

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)	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	Moderate (Quite Certain)	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)	High	High	

Supporting conditions

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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R42	Surveillance site: No
Waterbody ID and Name:	GB105034045770 Waveney	
National Grid Reference:	TM 13131 78988	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105034045780	

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)

Supporting elements

Element	Current status (and 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 (Uncertain)	Bad	Disproportionately expensive (DO1a)
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	

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
Sediment management strategies (develop and revise)	In Place
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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R43	Surveillance site: No
Waterbody ID and Name:	GB105034045780 Waveney	
National Grid Reference:	TM 15550 78414	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105034045900	

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 (Quite Certain)	Poor	Not Required (MS)
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	Bad (Very Certain)	Bad	Technically infeasible (DO2a)
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	

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 strategies (develop and revise)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R44	Surveillance site:	No
Waterbody ID and Name:	GB105034045830	The Beck	
National Grid Reference:	TM 29889 84186		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045900		

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

Waterbody Category and Map Code.:	River - R45	Surveillance site:	No
Waterbody ID and Name:	GB105034045840	Frenze Beck	
National Grid Reference:	TM 10856 83629		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045800		

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 (DO2b)

Supporting elements

Element	Current status (and 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	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

Waterbody Category and Map Code.:	River - R46	Surveillance site:	No
Waterbody ID and Name:	GB105034045850	Dickleburgh Stream	
National Grid Reference:	TM 16801 82726		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045800		

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	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 (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

Waterbody Category and Map Code.:	River - R47	Surveillance site:	No
Waterbody ID and Name:	GB105034045870	Waveney	
National Grid Reference:	TM 29456 87220		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045900		

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)	Good	
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

Waterbody Category and Map Code.:	River - R48	Surveillance site:	No
Waterbody ID and Name:	GB105034045880	Starston Brook	
National Grid Reference:	TM 22101 84448		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045900		

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 (P1c)
Temperature	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R49	Surveillance site:	No
Waterbody ID and Name:	GB105034045890	Waveney(Sth) (Tidal)	
National Grid Reference:	TM 53492 91744		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB510503410700		

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

Waterbody Category and Map Code.:	River - R50	Surveillance site: Yes
Waterbody ID and Name:	GB105034045900 River Waveney	
National Grid Reference:	TM 42212 91482	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB510503410700	

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
Fish	Poor (Very Certain)	Poor	Not Required (MS)
Invertebrates	Good	Good	
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)	High	High	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
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	

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
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	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
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Manage disturbance	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Lateral zoning to concentrate boats within a central track	In Place
Alter timing of dredging / disposal	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Vessel Management	In Place
Sediment management strategies (develop and revise)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Appropriate techniques (invasive species)	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Modify vessel design	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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
Improve floodplain connectivity	Not In Place
Set-back embankments	Not In Place
Bank rehabilitation / reprofiling	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

Current Status (and certainty that status is less than good)	Fail (Uncertain)
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Chemical elements			
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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	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Isoproturon	Moderate (Uncertain)	High	
Lead And Its 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	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	River - R51	Surveillance site: No
Waterbody ID and Name:	GB105034045930	Broome Beck
National Grid Reference:	TM 33760 92669	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Land Drainage	
Downstream Waterbody ID:	GB105034045900	

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)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (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	Moderate	Moderate	Technically infeasible (M3a, M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R52	Surveillance site:	No
Waterbody ID and Name:	GB105034051250	Yare	
National Grid Reference:	TG 24453 07025		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105034051460		

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 (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)

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
Sediment management strategies (develop and revise)	In Place
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
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
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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R53	Surveillance site: No
Waterbody ID and Name:	GB105034050990	Fritton Lake
National Grid Reference:	TG 49650 00814	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Freshwater Fish Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB510503410700	

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

Waterbody Category and Map Code.:	River - R54	Surveillance site:	No
Waterbody ID and Name:	GB105034051040	Blackwater Drain	
National Grid Reference:	TG 09559 19367		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105034055881		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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)

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R55	Surveillance site:	No
Waterbody ID and Name:	GB105034055710	Ant	
National Grid Reference:	TG 26828 34698		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Land Drainage, Urbanisation, Wider Environment		
Downstream Waterbody ID:	GB105034050910		

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	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	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	Disproportionately expensive (M2c), Technically infeasible (M3a, M3b, M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	In Place
Increase in-channel morphological diversity	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
Manage disturbance	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Sediment management strategies (develop and revise)	In Place
Vessel Management	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Modify vessel design	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Bank rehabilitation / reprofiling	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R56	Surveillance site:	No
Waterbody ID and Name:	GB105034051030	Blackwater Drain	
National Grid Reference:	TG 08885 20444		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027		
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Not Designated		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051040		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R57	Surveillance site:	No
Waterbody ID and Name:	GB105034051290	Yare	
National Grid Reference:	TG 08514 08683		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034051280		

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	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

Waterbody Category and Map Code.:	River - R58	Surveillance site:	No
Waterbody ID and Name:	GB105034045800	Frenze Beck	
National Grid Reference:	TM 13412 80409		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045780		

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	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	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

Waterbody Category and Map Code.:	River - R59	Surveillance site: No
Waterbody ID and Name:	GB105034055670	East Ruston Stream
National Grid Reference:	TG 34407 29325	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105034050910	

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	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	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	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
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R60	Surveillance site:	No
Waterbody ID and Name:	GB105034051000	Tud	
National Grid Reference:	TG 02920 12420		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Land Drainage, Urbanisation		
Downstream Waterbody ID:	GB105034055882		

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 (HR4a)
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 (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 (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, M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R61	Surveillance site:	No
Waterbody ID and Name:	GB105034045820	Waveney	
National Grid Reference:	TM 10891 79345		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045770		

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 (DO2b)

Supporting elements

Element	Current status (and 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	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

Waterbody Category and Map Code.:	River - R62	Surveillance site: No
Waterbody ID and Name:	GB105034055680	Scarrow Beck
National Grid Reference:	TG 18980 31238	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105034050930	

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	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
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	

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R63	Surveillance site: Yes
Waterbody ID and Name:	GB105034055881	Wensum US Norwich
National Grid Reference:	TG 15871 13715	
Current Overall Potential	Bad	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:		
Downstream Waterbody ID:	GB105034055882	

Ecological Potential

Current Status (and certainty that status is less than good) Bad (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	Disproportionately expensive (HR2a)
Invertebrates	High	High	
Phytobenthos	Bad (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	
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	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 (M1k)

Chemical Status

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

Waterbody Category and Map Code.:	River - R64	Surveillance site: Yes
Waterbody ID and Name:	GB105034055882	Wensum DS Norwich
National Grid Reference:	TG 22647 08985	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105034051460	

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	Moderate (Uncertain)	Good	
Invertebrates	High	High	
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	
2,4-dichlorophenoxyacetic acid	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 (M1a)

Chemical Status

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

Waterbody Category and Map Code.:	River - R65	Surveillance site:	No
Waterbody ID and Name:	GB105034055660	Bure	
National Grid Reference:	TG 16235 30146		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034050930		

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 elements

Element	Current status (and 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	Moderate	Moderate	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R66	Surveillance site:	No
Waterbody ID and Name:	GB105034055720	Kings Beck	
National Grid Reference:	TG 16739 34622		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034055680		

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	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	Moderate	Moderate	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R67	Surveillance site:	No
Waterbody ID and Name:	GB105034055730	King's Beck	
National Grid Reference:	TG 22854 30641		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034050880		

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	Good	Good	
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	

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R68	Surveillance site:	No
Waterbody ID and Name:	GB105034050870	Hevingham Watercourse	
National Grid Reference:	TG 21540 21661		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Land Drainage		
Downstream Waterbody ID:	GB105034050930		

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 (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)	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	Moderate	Moderate	Technically infeasible (M3a, M3c)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R69	Surveillance site:	No
Waterbody ID and Name:	GB105034050920	Tributary of Bure	
National Grid Reference:	TG 26204 24963		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034050880		

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	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	
Morphology	Supports Good	Supports Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R70	Surveillance site:	No
Waterbody ID and Name:	GB105034050950	Tributary of Tas	
National Grid Reference:	TM 17588 97493		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051230		

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	

Supporting elements

Element	Current status (and 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)	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	Moderate	Moderate	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R71	Surveillance site: No
Waterbody ID and Name:	GB105034051020	Wending Beck
National Grid Reference:	TF 96926 14671	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Land Drainage	
Downstream Waterbody ID:	GB105034055881	

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 (Very Certain)	Moderate	Not Required (MS)
Invertebrates	High	High	
Macrophytes	Moderate (Uncertain)	Moderate	Not Required (MS)
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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
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	

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)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R72	Surveillance site:	No
Waterbody ID and Name:	GB105034051060	Tributary of Blackwater Drain	
National Grid Reference:	TG 06176 21244		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027		
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Not Designated		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051040		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R73	Surveillance site: No
Waterbody ID and Name:	GB105034051080	Tributary of Wensum
National Grid Reference:	TF 87495 24011	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105034051110	

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
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R74	Surveillance site:	No
Waterbody ID and Name:	GB105034051130	East Rudham Stream	
National Grid Reference:	TF 83869 28610		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034051140		

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

Waterbody Category and Map Code.:	River - R75	Surveillance site:	No
Waterbody ID and Name:	GB105034051150	Tiffey	
National Grid Reference:	TG 10552 00116		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Land Drainage, Urbanisation		
Downstream Waterbody ID:	GB105034051170		

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)

Supporting elements

Element	Current status (and 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)	Good	
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	

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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R76	Surveillance site:	No
Waterbody ID and Name:	GB105034051200	Tributary of Tiffey or Hackford Watercourse	
National Grid Reference:	TG 07599 03089		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051280		

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 (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	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
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	

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R77	Surveillance site:	No
Waterbody ID and Name:	GB105034051210	Hellington Beck	
National Grid Reference:	TG 31882 03838		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034051370		

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 (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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current 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

Waterbody Category and Map Code.:	River - R78	Surveillance site:	No
Waterbody ID and Name:	GB105034045670	Tributary of Waveney	
National Grid Reference:	TM 11720 73745		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045710		

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)	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

Waterbody Category and Map Code.:	River - R79	Surveillance site:	No
Waterbody ID and Name:	GB105034045680	Tributary of Dove	
National Grid Reference:	TM 18491 74180		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045700		

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)	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

Waterbody Category and Map Code.:	River - R80	Surveillance site: No
Waterbody ID and Name:	GB105034045710	Tributary of Dove
National Grid Reference:	TM 15156 74150	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Land Drainage	
Downstream Waterbody ID:	GB105034045900	

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	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 (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	

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)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R81	Surveillance site: No
Waterbody ID and Name:	GB105034045750	Tributary of Waveney
National Grid Reference:	TM 11082 77460	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105034045770	

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R82	Surveillance site:	No
Waterbody ID and Name:	GB105034045760	Tributary of Waveney	
National Grid Reference:	TM 26985 77843		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045790		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R83	Surveillance site:	No
Waterbody ID and Name:	GB105034045860	Tributary of Waveney	
National Grid Reference:	TM 35368 88236		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045900		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R84	Surveillance site:	No
Waterbody ID and Name:	GB105034055850	Foulsham Tributary	
National Grid Reference:	TG 01297 24692		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034055881		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R85	Surveillance site:	No
Waterbody ID and Name:	GB105034045790	Tributary of Waveney	
National Grid Reference:	TM 23800 79904		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045900		

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

Waterbody Category and Map Code.:	River - R86	Surveillance site:	No
Waterbody ID and Name:	GB105034055860	Little Ryburgh Tributary	
National Grid Reference:	TF 96076 29057		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034055881		

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)	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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R87	Surveillance site:	No
Waterbody ID and Name:	GB105034051160	Tiffey	
National Grid Reference:	TG 09559 01159		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051220		

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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	Good	Good	
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	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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R88	Surveillance site: No
Waterbody ID and Name:	GB105034045660	Tributary of Dove
National Grid Reference:	TM 07071 69544	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105034045710	

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R89	Surveillance site:	No
Waterbody ID and Name:	GB105034045810	Tributary of Waveney	
National Grid Reference:	TM 27462 81084		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105034045900		

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	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	

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R90	Surveillance site: Yes
Waterbody ID and Name:	GB105034051070	Swannington Beck
National Grid Reference:	TG 14264 18795	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105034055881	

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)
Macrophytes	Moderate (Very 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	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)

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R91	Surveillance site:	No
Waterbody ID and Name:	GB105034051090	Tributary of Blackwater Drain	
National Grid Reference:	TG 09229 22108		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051030		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R92	Surveillance site:	No
Waterbody ID and Name:	GB105034051370	River Yare (Tidal)	
National Grid Reference:	TG 30341 07144		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB510503410700		

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)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	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
Sediment management strategies (develop and revise)	In Place
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
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Set-back embankments	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Increase in-channel morphological diversity	In Place
Preserve and, where possible, restore historic aquatic habitats	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R93	Surveillance site:	No
Waterbody ID and Name:	GB105034045740	Tributary of Waveney	
National Grid Reference:	TM 22883 76266		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105034045790		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L1	Surveillance site: Yes
Waterbody ID and Name:	GB30535953	Wroxham Broad
National Grid Reference:	TG 30969 16555	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Recreation, Wider Environment	
Downstream Waterbody ID:		

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
Chironom Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)
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	Good	Good	
Total Phosphorus	Moderate (Very Certain)	Moderate	Technically infeasible (P2a)
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	Disproportionately expensive (M2c), Technically infeasible (M3h)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Vessel Management	In Place
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Alter timing of dredging / disposal	In Place
Reduce sediment resuspension	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Increase in-channel morphological diversity	In Place
Modify vessel design	Not In Place
Bank rehabilitation / reprofiling	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	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	Lake - L2	Surveillance site:	No
Waterbody ID and Name:	GB30535738	Martham Broad or Martham Broad (North and South)	
National Grid Reference:	TG 45758 19966		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:			

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
Phytoplankton	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	
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

Waterbody Category and Map Code.:	Lake - L3	Surveillance site:	No
Waterbody ID and Name:	GB30535959	Decoy Broad	
National Grid Reference:	TG 32884 16824		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:			

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

Waterbody Category and Map Code.:	Lake - L4	Surveillance site:	No
Waterbody ID and Name:	GB30535977	Hoveton Great Broad	
National Grid Reference:	TG 31752 16368		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:			

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
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
Total Phosphorus	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L5	Surveillance site:	No
Waterbody ID and Name:	GB30535981	Rollesby Broad or Ormesby Broad	
National Grid Reference:	TG 46231 15062		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Drinking Water, Wider Environment		
Downstream Waterbody ID:			

Ecological Potential

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 (Very Certain)	Moderate	Technically infeasible (B2a)
Phytobenthos	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1d)
Phytoplankton	Moderate (Quite Certain)	Moderate	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	
Total Phosphorus	Moderate (Very Certain)	Good	
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)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Vessel Management	In Place
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Alter timing of dredging / disposal	In Place
Reduce sediment resuspension	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Increase in-channel morphological diversity	In Place
Modify vessel design	Not In Place
Bank rehabilitation / reprofiling	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	Lake - L6	Surveillance site:	No
Waterbody ID and Name:	GB30536029	Cockshoot Broad	
National Grid Reference:	TG 34435 15667		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:			

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	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	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	Disproportionately expensive (M2c)

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L7	Surveillance site:	No
Waterbody ID and Name:	GB30536050	Ranworth Broad	
National Grid Reference:	TG 35573 15344		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Drinking Water Protected Area, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Navigation, Wider Environment		
Downstream Waterbody ID:			

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
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
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
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
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)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Vessel Management	In Place
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Alter timing of dredging / disposal	In Place
Reduce sediment resuspension	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Increase in-channel morphological diversity	In Place
Modify vessel design	Not In Place
Bank rehabilitation / reprofiling	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	Lake - L8	Surveillance site:	No
Waterbody ID and Name:	GB30535397	Captains Pond	
National Grid Reference:	TG 27975 27093		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:			

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

Waterbody Category and Map Code.:	Lake - L9	Surveillance site: Yes
Waterbody ID and Name:	GB30535640	Hickling Broad
National Grid Reference:	TG 42036 21230	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Recreation, Wider Environment	
Downstream Waterbody ID:		

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
Chironom Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)
Phytobenthos	Good	Good	
Phytoplankton	Poor (Very Certain)	Poor	Disproportionately expensive (B1a, P1d)

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)	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	Disproportionately expensive (M2c), Technically infeasible (M3h)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	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
Increase in-channel morphological diversity	In Place
Manage disturbance	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Vessel Management	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Modify vessel design	Not In Place
Bank rehabilitation / reprofiling	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
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	Lake - L10	Surveillance site: No
Waterbody ID and Name:	GB30535645	Horsey Mere
National Grid Reference:	TG 44936 22174	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Recreation, Wider Environment	
Downstream Waterbody ID:		

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 (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
Acid Neutralising Capacity	High	High	
Ammonia (Phys-Chem)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
Total Phosphorus	Good	Good	
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	Disproportionately expensive (M2c), Technically infeasible (M3h)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	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
Increase in-channel morphological diversity	In Place
Manage disturbance	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Vessel Management	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Modify vessel design	Not In Place
Bank rehabilitation / reprofiling	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L11	Surveillance site:	No
Waterbody ID and Name:	GB30535655	Barton Broad	
National Grid Reference:	TG 36212 21456		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Recreation, Wider Environment		
Downstream Waterbody ID:			

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 (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	
Total Phosphorus	Moderate (Quite Certain)	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

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 (M3h)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	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
Increase in-channel morphological diversity	In Place
Manage disturbance	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate vegetation control technique	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Vessel Management	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Modify vessel design	Not In Place
Bank rehabilitation / reprofiling	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L12	Surveillance site:	No
Waterbody ID and Name:	GB30536219	Costessey Pit No. 2	
National Grid Reference:	TG 16327 12980		
Current Overall Status	Fail		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Drinking Water Protected Area		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:			

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
Phenol	High	High	

Supporting conditions

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Quantity and 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
Isoproturon	Moderate (Quite Certain)	High	

Waterbody Category and Map Code.:	Lake - L13	Surveillance site:	No
Waterbody ID and Name:	GB30536980	Lound Mill Water	
National Grid Reference:	TG 50053 00971		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Drinking Water Protected Area		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:			

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 (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
Copper	High	High	
Iron	High	High	
Zinc	High	High	

Supporting conditions

Element	Current 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

Waterbody Category and Map Code.:	Lake - L14	Surveillance site:	No
Waterbody ID and Name:	GB30537033	Hardley Flood	
National Grid Reference:	TM 38361 99777		
Current Overall Status	Bad		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:			

Ecological Status

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
Macrophytes	Bad (Very Certain)	Bad	Disproportionately expensive (P1d), Technically infeasible (B2p)
Phytoplankton	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
Total Phosphorus	Bad (Very 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 (HL4a)
Morphology	Supports Good	Supports Good	

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L15	Surveillance site:	No
Waterbody ID and Name:	GB30536975	Sea Mere or Hingham	Sea Mere
National Grid Reference:	TG 03702 01228		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:			

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

Waterbody Category and Map Code.:	Lake - L16	Surveillance site: Yes
Waterbody ID and Name:	GB30536202	Upton Broad
National Grid Reference:	TG 38875 13392	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:		

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	Good	Good	
Macrophytes	Moderate (Quite Certain)	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	Good	Good	
Total Phosphorus	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
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	Lake - L17	Surveillance site:	No
Waterbody ID and Name:	GB30536730	Rockland Broad	
National Grid Reference:	TG 33231 05165		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Navigation, Wider Environment		
Downstream Waterbody ID:			

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	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)	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)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Vessel Management	In Place
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Alter timing of dredging / disposal	In Place
Reduce sediment resuspension	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Increase in-channel morphological diversity	In Place
Modify vessel design	Not In Place
Bank rehabilitation / reprofiling	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L18	Surveillance site:	No
Waterbody ID and Name:	GB30536989	Fritton Decoy	
National Grid Reference:	TG 48308 00622		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Recreation, Wider Environment		
Downstream Waterbody ID:			

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
Phytoplankton	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
Total Phosphorus	Moderate (Very Certain)	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 (M3h)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Vessel Management	In Place
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Alter timing of dredging / disposal	In Place
Reduce sediment resuspension	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place
Increase in-channel morphological diversity	In Place
Modify vessel design	Not In Place
Bank rehabilitation / reprofiling	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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B.6 Cam & Ely Ouse (Including South Level) river catchment

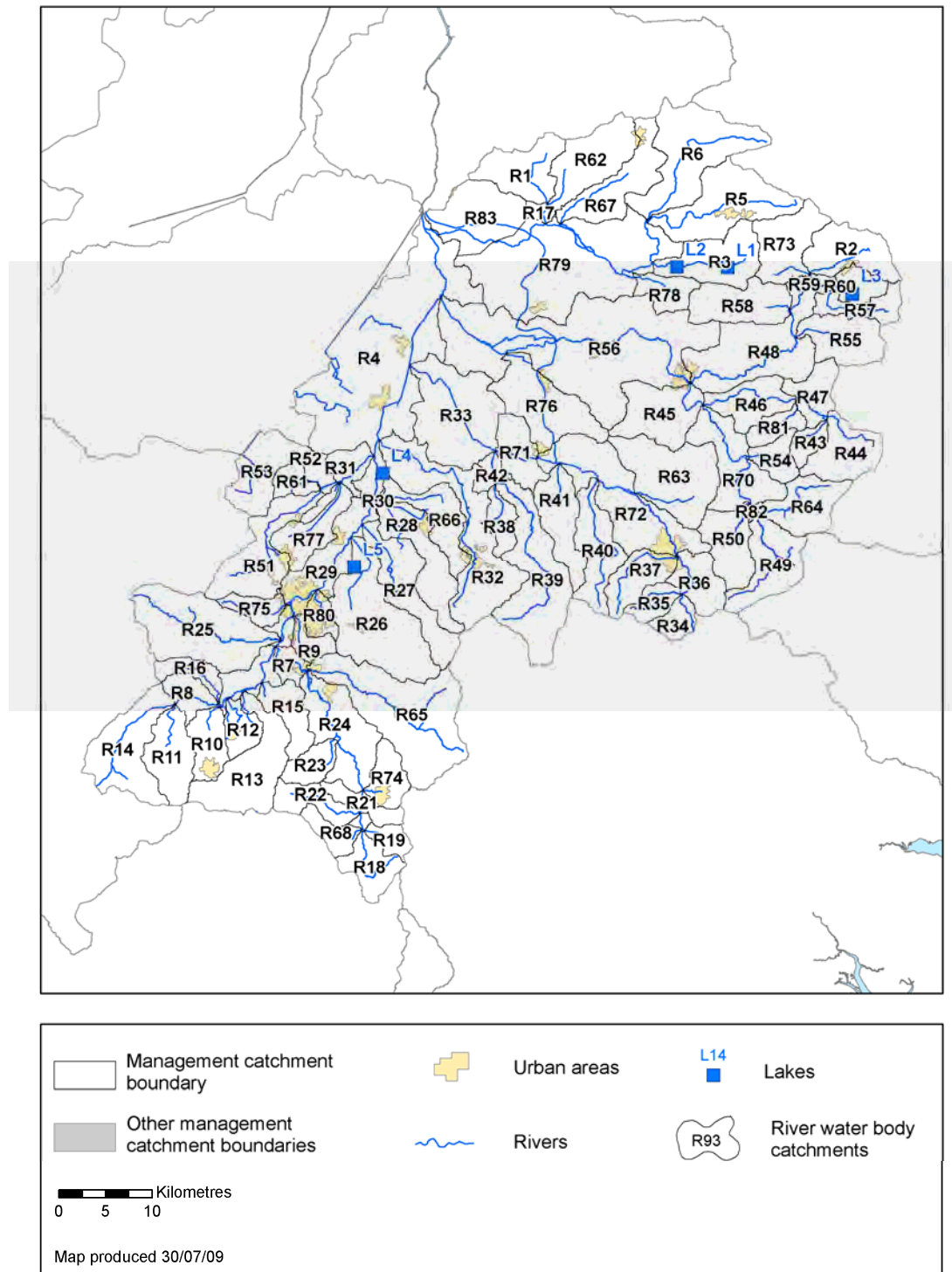
Rivers and lakes

There are 83 river water bodies (of which 61 are designated as heavily modified and 2 artificial) and 5 lake water bodies (of which 1 is designated as heavily modified and 2 artificial) within the Cam & Ely Ouse (Including South Level) river catchment.

Figure B.6.1 **Status objectives for rivers and lakes in the Cam & Ely Ouse (Including South Level) 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	8	8	20	12	20
Lakes	2	2	2	0	2
Heavily modified Water bodies	6	6	62	56	62
Artificial water bodies	0	0	4	4	4

Figure B.6.2 River and lake water bodies in the Cam & Ely Ouse (Including South Level) river catchment



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Water body tables for rivers and lakes in the Cam & Ely Ouse (Including South Level) river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site:	No
Waterbody ID and Name:	GB105033047810	Stringside Stream	
National Grid Reference:	TF 70322 04491		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047640		

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	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

Waterbody Category and Map Code.:	River - R2	Surveillance site:	No
Waterbody ID and Name:	GB105033047830	Thet	
National Grid Reference:	TM 03504 95457		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033043440		

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 (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)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
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	
Morphology	Supports Good	Supports Good	

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R3	Surveillance site:	No
Waterbody ID and Name:	GB105033047840	Thompson Stream	
National Grid Reference:	TL 89076 95242		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047650		

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

Waterbody Category and Map Code.:	River - R4	Surveillance site: Yes
Waterbody ID and Name:	GB105033047850	Ten Mile River
National Grid Reference:	TL 58493 88844	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Flood Protection, Land Drainage, Navigation, Urbanisation	
Downstream Waterbody ID:	GB530503300300	

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
Fish	High	High	
Invertebrates	High	High	
Macrophytes	Moderate (Quite Certain)	Moderate	Not Required (MS)
Phytobenthos	Moderate (Uncertain)	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	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	Good	Good	
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	

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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate techniques (invasive species)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Selective vegetation control regime	In Place
Appropriate timing (vegetation control)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Sediment management strategies (develop and revise)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate vegetation control technique	In Place
Bank rehabilitation / reprofiling	Not In Place
Manage disturbance	Not In Place
Increase in-channel morphological diversity	Not In Place
Prepare a dredging / disposal strategy	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
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Reduce impact of dredging	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Sediment management	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	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	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	
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	
DDT Total	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	River - R5	Surveillance site:	No
Waterbody ID and Name:	GB105033047870	Watton Brook	
National Grid Reference:	TF 89804 00830		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033047650		

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 (Very Certain)	Poor	Not Required (MS)
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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R6	Surveillance site:	No
Waterbody ID and Name:	GB105033047890	Wissey	
National Grid Reference:	TF 87288 07539		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047650		

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	Disproportionately expensive (DO1a, M5a)
Invertebrates	High	High	
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P5c)

Supporting elements

Element	Current status (and 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 (P5c)
Temperature	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105033037600	River Cam	
National Grid Reference:	TL 43378 52532		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033042750		

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)	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	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Mecoprop	High	High	
Phenol	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	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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Increase in-channel morphological diversity	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
1,2-dichloroethane	High	High	
Atrazine	High	High	
Simazine	High	High	
Trichloromethane	High	High	
Carbon Tetrachloride	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	River - R8	Surveillance site:	No
Waterbody ID and Name:	GB105033037610	River Rhee	
National Grid Reference:	TL 41450 51944		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033042750		

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	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 (P1c)
Temperature	Good	Good	
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 (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
Lead And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R9	Surveillance site:	No
Waterbody ID and Name:	GB105033037620	Hobson's Brook	
National Grid Reference:	TL 45499 55934		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation, Wider Environment		
Downstream Waterbody ID:	GB105033042750		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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)

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

Mitigation Measure	Status
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
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
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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R10	Surveillance site:	No
Waterbody ID and Name:	GB105033038020	Whaddon Brook	
National Grid Reference:	TL 35897 46659		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage, Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105033037610		

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)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a, A5c)
Dissolved Oxygen	Good	Good	
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, A5c)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R11	Surveillance site: No
Waterbody ID and Name:	GB105033038030 Mill River	
National Grid Reference:	TL 31943 45826	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105033037610	

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
Morphology	Supports Good	Supports Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R12	Surveillance site:	No
Waterbody ID and Name:	GB105033038060	Rhee	
National Grid Reference:	TL 38750 47066		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage, Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105033037610		

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	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	Poor (Quite Certain)	Poor	Disproportionately expensive (P1a)
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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R13	Surveillance site:	No
Waterbody ID and Name:	GB105033038080	Shep	
National Grid Reference:	TL 39749 47231		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033037610		

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)

Supporting elements

Element	Current status (and 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	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	

Chemical Status

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

Waterbody Category and Map Code.:	River - R14	Surveillance site:	No
Waterbody ID and Name:	GB105033038100	River Rhee	
National Grid Reference:	TL 27662 45877		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105033037610		

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 (Quite 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	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	

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
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
Lead And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R15	Surveillance site:	No
Waterbody ID and Name:	GB105033038120	Rhee	
National Grid Reference:	TL 41731 49466		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105033037610		

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)	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	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
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	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)

Does not require assessment

Waterbody Category and Map Code.:	River - R16	Surveillance site:	No
Waterbody ID and Name:	GB105033038150	Rhee	
National Grid Reference:	TL 35402 50568		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage, Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105033037610		

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 elements

Element	Current status (and 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	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	Moderate	Moderate	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R17	Surveillance site: No
Waterbody ID and Name:	GB105033047640	Stringside Stream
National Grid Reference:	TF 71592 00632	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105033047650	

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	Moderate (Quite 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	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	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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R18	Surveillance site:	No
Waterbody ID and Name:	GB105033037480	River Cam or Granta	
National Grid Reference:	TL 52633 31909		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033037520		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R19	Surveillance site:	No
Waterbody ID and Name:	GB105033037490	Debden Water	
National Grid Reference:	TL 53629 34099		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Regulation (impoundment release), Wider Environment		
Downstream Waterbody ID:	GB105033037520		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	

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
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

Waterbody Category and Map Code.:	River - R20	Surveillance site:	No
Waterbody ID and Name:	GB105033037520	River Cam	
National Grid Reference:	TL 51982 35221		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033037550		

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	Moderate (Uncertain)	Moderate	Not Required (MS)
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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current status (and certainty of 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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R21	Surveillance site: No
Waterbody ID and Name:	GB105033037550	River Cam
National Grid Reference:	TL 52120 36958	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:	GB105033037590	

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
Invertebrates	Moderate (Uncertain)	Moderate	Not Required (MS)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)

Supporting conditions

Element	Current status (and certainty of 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

Waterbody Category and Map Code.:	River - R22	Surveillance site:	No
Waterbody ID and Name:	GB105033037560	Wendon Brook	
National Grid Reference:	TL 48339 37050		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033037550		

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	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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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	

Waterbody Category and Map Code.:	River - R23	Surveillance site:	No
Waterbody ID and Name:	GB105033037570	Cam	
National Grid Reference:	TL 49020 42423		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033037590		

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 elements

Element	Current status (and 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	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	

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R24	Surveillance site:	No
Waterbody ID and Name:	GB105033037590	River Cam	
National Grid Reference:	TL 50405 42674		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033037600		

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)	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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	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

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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Increase in-channel morphological diversity	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
1,2-dichloroethane	High	High	
Atrazine	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Simazine	High	High	
Trichloromethane	High	High	
Carbon Tetrachloride	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	River - R25	Surveillance site:	No
Waterbody ID and Name:	GB105033042690	Bourn Brook	
National Grid Reference:	TL 30537 57889		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033042750		

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	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	

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R26	Surveillance site: No
Waterbody ID and Name:	GB105033042700	Bottisham Lode-Quy Water
National Grid Reference:	TL 53005 62440	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033042750	

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 (P1a)
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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R27	Surveillance site:	No
Waterbody ID and Name:	GB105033042710	Swaffham-Bulbeck Lode	
National Grid Reference:	TL 54899 64365		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033042750		

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	
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

Waterbody Category and Map Code.:	River - R28	Surveillance site:	No
Waterbody ID and Name:	GB105033042720	Burwell Lode	
National Grid Reference:	TL 56277 66876		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Navigation, Water Storage - non-specific		
Downstream Waterbody ID:	GB105033047850		

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	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	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	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	Moderate	Moderate	Technically infeasible (M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Bank rehabilitation / reprofiling	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Sediment management	Not In Place
Increase in-channel morphological diversity	Not In Place
Manage disturbance	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R29	Surveillance site:	No
Waterbody ID and Name:	GB105033042750	River Cam	
National Grid Reference:	TL 46959 59980		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Navigation, Urbanisation, Wider Environment		
Downstream Waterbody ID:	GB105033047850		

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	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	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	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	

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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate vegetation control technique	In Place
Appropriate techniques (invasive species)	In Place
Selective vegetation control regime	In Place
Sediment management strategies (develop and revise)	In Place
Vessel Management	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Bank rehabilitation / reprofiling	Not In Place
Increase in-channel morphological diversity	Not In Place
Reduce impact of dredging	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
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Sediment management	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Manage disturbance	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Modify vessel design	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	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
Trichloromethane	High	High	
Carbon Tetrachloride	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	
1,2-dichloroethane	High	High	
Atrazine	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Simazine	High	High	

Waterbody Category and Map Code.:	River - R30	Surveillance site:	No
Waterbody ID and Name:	GB105033042760	Burwell Lode	
National Grid Reference:	TL 53885 69796		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Navigation		
Downstream Waterbody ID:	GB105033047850		

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	Poor (Very Certain)	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	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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Sediment management strategies (develop and revise)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Increase in-channel morphological diversity	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place
Sediment management	Not In Place
Alter timing of dredging / disposal	Not In Place
Reduce sediment resuspension	Not In Place
Reduce impact of dredging	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Manage disturbance	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R31	Surveillance site:	No
Waterbody ID and Name:	GB105033042850	Old West River	
National Grid Reference:	TL 51243 72719		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Navigation		
Downstream Waterbody ID:	GB105033047850		

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	High	High	
Invertebrates	Moderate (Uncertain)	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	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
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	

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
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	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
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Manage disturbance	Not In Place
Increase in-channel morphological diversity	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Sediment management	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R32	Surveillance site:	No
Waterbody ID and Name:	GB105033042860	Soham Lode	
National Grid Reference:	TL 60615 72786		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033047850		

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	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)	Moderate (Quite Certain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Good	Good	
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)	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	Technically infeasible (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Increase in-channel morphological diversity	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
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R33	Surveillance site:	No
Waterbody ID and Name:	GB105033042900	River Lark	
National Grid Reference:	TL 62105 80405		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Navigation		
Downstream Waterbody ID:	GB105033047850		

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	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)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	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	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 (M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Bank rehabilitation / reprofiling	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Sediment management	Not In Place
Increase in-channel morphological diversity	Not In Place
Manage disturbance	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R34	Surveillance site:	No
Waterbody ID and Name:	GB105033042920	River Lark	
National Grid Reference:	TL 86955 58251		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033042940		

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	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

Waterbody Category and Map Code.:	River - R35	Surveillance site:	No
Waterbody ID and Name:	GB105033042930	Lark	
National Grid Reference:	TL 83123 59593		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033042940		

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 (P5c)
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

Waterbody Category and Map Code.:	River - R36	Surveillance site:	No
Waterbody ID and Name:	GB105033042940	River Lark	
National Grid Reference:	TL 87275 61880		
Current Overall Potential	Bad		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043051		

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 (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	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P5c)
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 (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R37	Surveillance site:	No
Waterbody ID and Name:	GB105033042950	River Linnet	
National Grid Reference:	TL 80968 62679		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Urbanisation		
Downstream Waterbody ID:	GB105033043051		

Ecological Potential

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	Good	Good	
pH	High	High	
Phosphate	Moderate (Quite 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	Moderate	Moderate	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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	River - R38	Surveillance site: No
Waterbody ID and Name:	GB105033042970 Lee Brook	
National Grid Reference:	TL 67233 69635	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033043020	

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)	Poor	Disproportionately expensive (P1a)
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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R39	Surveillance site:	No
Waterbody ID and Name:	GB105033042990	River Kennett-Lee Brook	
National Grid Reference:	TL 72217 60482		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043020		

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	

Supporting conditions

Element	Current 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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R40	Surveillance site:	No
Waterbody ID and Name:	GB105033043000	Cavenham Stream	
National Grid Reference:	TL 78997 64909		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033043051		

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)	Moderate	Disproportionately expensive (HR4a)
Invertebrates	Poor (Quite 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	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	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

Waterbody Category and Map Code.:	River - R41	Surveillance site:	No
Waterbody ID and Name:	GB105033043010	Tuddenham Stream	
National Grid Reference:	TL 73260 72002		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033043051		

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 (HR4a)

Supporting conditions

Element	Current 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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R42	Surveillance site:	No
Waterbody ID and Name:	GB105033043020	River Kennett-Lee Brook	
National Grid Reference:	TL 66221 73272		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033042900		

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	Good	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)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Quite Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current 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 (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R43	Surveillance site:	No
Waterbody ID and Name:	GB105033043040	Little Ouse	
National Grid Reference:	TM 00959 77121		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033043110		

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	Bad (Uncertain)	Bad	Disproportionately expensive (DO1a)
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

Waterbody Category and Map Code.:	River - R44	Surveillance site: No
Waterbody ID and Name:	GB105033043060 Little Ouse	
National Grid Reference:	TM 04236 76603	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033043110	

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)	Good	Good	
Dissolved Oxygen	Bad (Uncertain)	Bad	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	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) Does not require assessment

Waterbody Category and Map Code.:	River - R45	Surveillance site:	No
Waterbody ID and Name:	GB105033043090	Little Ouse	
National Grid Reference:	TL 86633 80235		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043400		

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	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)	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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R46	Surveillance site:	No
Waterbody ID and Name:	GB105033043100	Little Ouse	
National Grid Reference:	TL 93881 81769		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043090		

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)	Good	Good	
Dissolved Oxygen	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	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 (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R47	Surveillance site:	No
Waterbody ID and Name:	GB105033043110	Little Ouse	
National Grid Reference:	TL 99956 80463		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043100		

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)	Poor (Very Certain)	Poor	Technically infeasible (A2b)
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Ammonia (Annex 8)	Poor (Very Certain)	Poor	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	Moderate	Moderate	Technically infeasible (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R48	Surveillance site:	No
Waterbody ID and Name:	GB105033043190	Thet	
National Grid Reference:	TL 95399 84422		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033043400		

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 elements

Element	Current status (and 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	

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
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)

Does not require assessment

Waterbody Category and Map Code.:	River - R49	Surveillance site: No
Waterbody ID and Name:	GB105033043280 Black Bourn	
National Grid Reference:	TL 94797 60948	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105033043290	

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)	Moderate (Uncertain)	Good	
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)	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)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R50	Surveillance site:	No
Waterbody ID and Name:	GB105033043300	Pakenham Stream	
National Grid Reference:	TL 92318 66274		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043070		

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 (Quite Certain)	Moderate	Not Required (MS)
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	Moderate (Quite Certain)	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	

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R51	Surveillance site:	No
Waterbody ID and Name:	GB105033043320	Cottenham Lode	
National Grid Reference:	TL 43863 68359		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Water Storage - non-specific		
Downstream Waterbody ID:	GB105033043360		

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)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Quite 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	Moderate	Moderate	Technically infeasible (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R52	Surveillance site: No
Waterbody ID and Name:	GB105033043360	Old West River
National Grid Reference:	TL 48737 71439	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation	
Downstream Waterbody ID:	GB105033042850	

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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
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	

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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate techniques (invasive species)	In Place
Sediment management strategies (develop and revise)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Improve floodplain connectivity	Not In Place
Manage disturbance	Not In Place
Set-back embankments	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Bank rehabilitation / reprofiling	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
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Reduce impact of dredging	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Increase in-channel morphological diversity	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Sediment management	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R53	Surveillance site: Yes
Waterbody ID and Name:	GB105033043370 Old West River	
National Grid Reference:	TL 40231 71259	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Navigation	
Downstream Waterbody ID:	GB105033043350	

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
Fish	Good	Good	
Invertebrates	Good	Good	
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)	Good	Good	
Dissolved Oxygen	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1c)
Temperature	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	

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
Selective vegetation control regime	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Bank rehabilitation / reprofiling	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Sediment management	Not In Place
Increase in-channel morphological diversity	Not In Place
Manage disturbance	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R54	Surveillance site:	No
Waterbody ID and Name:	GB105033043380	Stanton Tributary	
National Grid Reference:	TL 94828 74630		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033043070		

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)	Poor (Quite Certain)	Poor	Disproportionately expensive (A1a)
Dissolved Oxygen	Moderate (Quite Certain)	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 (Quite Certain)	Poor	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

Waterbody Category and Map Code.:	River - R55	Surveillance site:	No
Waterbody ID and Name:	GB105033043390	Whittle	
National Grid Reference:	TM 00665 88084		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Drinking Water, Land Drainage, Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105033043190		

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	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	
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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R56	Surveillance site:	No
Waterbody ID and Name:	GB105033043400	Little Ouse River	
National Grid Reference:	TL 81489 88161		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Navigation, Urbanisation		
Downstream Waterbody ID:	GB105033047850		

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	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P5c)
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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate vegetation control technique	In Place
Appropriate techniques (invasive species)	In Place
Selective vegetation control regime	In Place
Sediment management strategies (develop and revise)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Increase in-channel morphological diversity	Not In Place
Reduce sediment resuspension	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Alter timing of dredging / disposal	Not In Place
Sediment management	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Manage disturbance	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	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	

Waterbody Category and Map Code.:	River - R57	Surveillance site: No
Waterbody ID and Name:	GB105033043410	Buckenham Stream
National Grid Reference:	TM 04478 90221	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Drinking Water, Water Regulation (strategic transfer)	
Downstream Waterbody ID:	GB105033043430	

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

Waterbody Category and Map Code.:	River - R58	Surveillance site: No
Waterbody ID and Name:	GB105033043420	Larling Brook
National Grid Reference:	TL 97323 90670	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033043190	

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	

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

Waterbody Category and Map Code.:	River - R59	Surveillance site: No
Waterbody ID and Name:	GB105033043430	Buckenham Stream
National Grid Reference:	TM 01371 92983	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105033043190	

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
Morphology	Supports Good	Supports Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R60	Surveillance site:	No
Waterbody ID and Name:	GB105033043460	Buckenham Stream	
National Grid Reference:	TM 03028 92717		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033043430		

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	
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)	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	

Waterbody Category and Map Code.:	River - R61	Surveillance site: No
Waterbody ID and Name:	GB105033043350 Old West River	
National Grid Reference:	TL 46380 71709	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Navigation	
Downstream Waterbody ID:	GB105033043360	

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	

Supporting elements

Element	Current status (and 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	Bad (Very Certain)	Moderate	Disproportionately expensive (P1c)
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	

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
Selective vegetation control regime	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Bank rehabilitation / reprofiling	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Sediment management	Not In Place
Increase in-channel morphological diversity	Not In Place
Manage disturbance	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R62	Surveillance site:	No
Waterbody ID and Name:	GB105033047820	Old Carr Stream	
National Grid Reference:	TF 73776 02992		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047640		

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	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	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

Waterbody Category and Map Code.:	River - R63	Surveillance site: No
Waterbody ID and Name:	GB105033043030	Culford Stream
National Grid Reference:	TL 85109 69523	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105033043051	

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	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 (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 (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R64	Surveillance site:	No
Waterbody ID and Name:	GB105033043340	Stowlangtoft Stream	
National Grid Reference:	TL 99441 71154		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033043290		

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 (DO2b)
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	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
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

Waterbody Category and Map Code.:	River - R65	Surveillance site:	No
Waterbody ID and Name:	GB105033037810	River Granta	
National Grid Reference:	TL 52841 48938		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033037600		

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 (HR4a), 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 (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P5c)
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) Good

Chemical elements

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

Waterbody Category and Map Code.:	River - R66	Surveillance site:	No
Waterbody ID and Name:	GB105033042780	New River	
National Grid Reference:	TL 57796 69820		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Navigation		
Downstream Waterbody ID:	GB105033047850		

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 (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	High	High	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current 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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Sediment management strategies (develop and revise)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Increase in-channel morphological diversity	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place
Sediment management	Not In Place
Alter timing of dredging / disposal	Not In Place
Reduce sediment resuspension	Not In Place
Reduce impact of dredging	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Manage disturbance	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R67	Surveillance site:	No
Waterbody ID and Name:	GB105033047880	River Gadder	
National Grid Reference:	TF 77748 03252		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047650		

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)	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

Waterbody Category and Map Code.:	River - R68	Surveillance site:	No
Waterbody ID and Name:	GB105033037540	Wicken Water	
National Grid Reference:	TL 51520 34123		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033037520		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current 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

Waterbody Category and Map Code.:	River - R69	Surveillance site: No
Waterbody ID and Name:	GB105033043440	Buckenham Stream
National Grid Reference:	TM 00442 93834	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105033043190	

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	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	Moderate	Moderate	Technically infeasible (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R70	Surveillance site:	No
Waterbody ID and Name:	GB105033043070	Sapiston River	
National Grid Reference:	TL 91116 76799		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043090		

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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (P1a), 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	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	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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R71	Surveillance site:	No
Waterbody ID and Name:	GB105033043052	River Lark DS Mill St Bridge	
National Grid Reference:	TL 68724 74539		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033042900		

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 (P5c)
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 (M1a)

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	
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	

Waterbody Category and Map Code.:	River - R72	Surveillance site:	No
Waterbody ID and Name:	GB105033043051	River Lark US Mill St Bridge	
National Grid Reference:	TL 77250 72663		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Navigation, Wider Environment		
Downstream Waterbody ID:	GB105033043052		

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	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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P5c)
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 (M1a, M1g, M1h)

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	
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	

Waterbody Category and Map Code.:	River - R73	Surveillance site: No
Waterbody ID and Name:	GB105033047860	Stow Bedon Stream
National Grid Reference:	TL 98399 94913	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105033043440	

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 (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

Waterbody Category and Map Code.:	River - R74	Surveillance site:	No
Waterbody ID and Name:	GB105033037580	Slade	
National Grid Reference:	TL 53298 38512		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033037590		

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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1c)
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	

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R75	Surveillance site:	No
Waterbody ID and Name:	GB105033042680	Bin Brook	
National Grid Reference:	TL 41331 58461		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105033042750		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	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
Sediment management strategies (develop and revise)	In Place
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
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
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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R76	Surveillance site:	No
Waterbody ID and Name:	GB105033043120	Twelve Foot Drain/ Cut-off Channel	
National Grid Reference:	TL 71820 80817		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033043400		

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 elements

Element	Current status (and 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	

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

Waterbody Category and Map Code.:	River - R77	Surveillance site:	No
Waterbody ID and Name:	GB105033043330	Beach Ditch	
National Grid Reference:	TL 47708 67871		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033042850		

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	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
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	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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R78	Surveillance site: No
Waterbody ID and Name:	GB105033043450 West Tofts Stream	
National Grid Reference:	TL 82747 93665	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105033047650	

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	Disproportionately expensive (DO1a)
Dissolved Oxygen	Moderate (Uncertain)	Moderate	
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

Waterbody Category and Map Code.:	River - R79	Surveillance site:	No
Waterbody ID and Name:	GB105033047630	River Wissey & Cut-off Channel	
National Grid Reference:	TL 82766 94962		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033047650		

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 (Uncertain)	Moderate	Disproportionately expensive (HR4a)
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	
Copper	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
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 (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

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	
Simazine	High	High	

Waterbody Category and Map Code.:	River - R80	Surveillance site:	No
Waterbody ID and Name:	GB105033042670	Cherry Hinton Brook	
National Grid Reference:	TL 47814 58487		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105033042750		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	

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
Sediment management strategies (develop and revise)	In Place
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
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
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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R81	Surveillance site: No
Waterbody ID and Name:	GB105033043080	Hopton Brook
National Grid Reference:	TL 98616 79126	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033043100	

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	

Supporting elements

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	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	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) Does not require assessment

Waterbody Category and Map Code.:	River - R82	Surveillance site:	No
Waterbody ID and Name:	GB105033043290	Sapiston River	
National Grid Reference:	TL 94042 68953		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043070		

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)

Supporting elements

Element	Current status (and 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	

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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R83	Surveillance site:	No
Waterbody ID and Name:	GB105033047650	River Wissey & Cut-off Channel	
National Grid Reference:	TL 64423 99396		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Navigation		
Downstream Waterbody ID:	GB105033047850		

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 (Uncertain)	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	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)	High	High	

Supporting conditions

Element	Current 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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Selective vegetation control regime	In Place
Appropriate vegetation control technique	In Place
Appropriate techniques (invasive species)	In Place
Sediment management strategies (develop and revise)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Improve floodplain connectivity	Not In Place
Manage disturbance	Not In Place
Set-back embankments	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Bank rehabilitation / reprofiling	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
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Reduce impact of dredging	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Increase in-channel morphological diversity	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Sediment management	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	Lake - L1	Surveillance site: No
Waterbody ID and Name:	GB30537306	Thompson Water
National Grid Reference:	TL 91524 94912	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:		

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
Macrophytes	High	High	
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
Dissolved Oxygen	Good	Good	
Total Phosphorus	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 (HL2a)

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

Waterbody Category and Map Code.:	Lake - L2	Surveillance site: No
Waterbody ID and Name:	GB30537309	Stanford Water
National Grid Reference:	TL 86050 94985	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Recreation, Wider Environment	
Downstream Waterbody ID:		

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	

Supporting conditions

Element	Current status (and certainty of 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)

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L3	Surveillance site:	No
Waterbody ID and Name:	GB30537461	Old Buckenham Fen Mere	
National Grid Reference:	TM 04943 92116		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:			

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 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

Waterbody Category and Map Code.:	Lake - L4	Surveillance site:	No
Waterbody ID and Name:	GB30538167	Upware North Pit	
National Grid Reference:	TL 54441 72769		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:			

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 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

Waterbody Category and Map Code.:	Lake - L5	Surveillance site:	No
Waterbody ID and Name:	GB30538633	Stow Cum Quy Fen	
National Grid Reference:	TL 51396 62662		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:			

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.7 Combined Essex river catchment

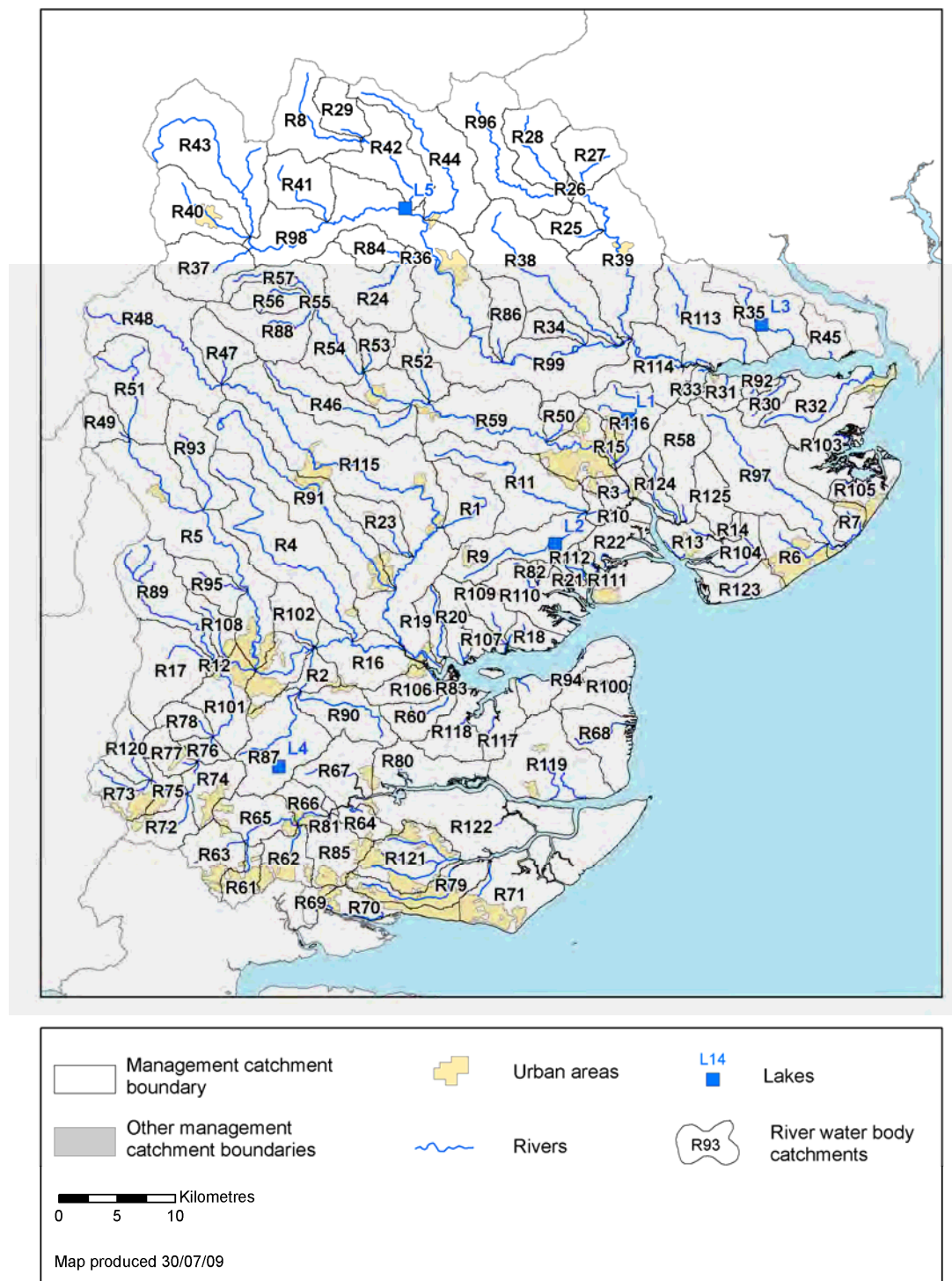
Rivers and Lakes

There are 125 river water bodies (of which 77 are designated as heavily modified) and 5 lake water bodies (of which 5 are designated as artificial) within the Combined Essex river catchment.

Figure B.7.1 **Status objectives for rivers and lakes in the Combined Essex 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	48	43	48
Lakes	0	0	0	0	0
Heavily modified Water bodies	4	4	77	73	77
Artificial water bodies	0	0	5	5	5

Figure B.7.2 River and lake water bodies in the Combined Essex river catchment



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Water body tables for rivers and lakes in the Combined Essex river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site: No
Waterbody ID and Name:	GB105037033870	Domsey Brook
National Grid Reference:	TL 89862 19858	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105037041160	

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current status (and certainty of 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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R2	Surveillance site:	No
Waterbody ID and Name:	GB105037033890	Sandon Brook	
National Grid Reference:	TL 75928 07336		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037033530		

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 (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

Waterbody Category and Map Code.:	River - R3	Surveillance site: No
Waterbody ID and Name:	GB105037033930 Birch Brook	
National Grid Reference:	TM 01818 21938	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503713900	

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

Waterbody Category and Map Code.:	River - R4	Surveillance site:	No
Waterbody ID and Name:	GB105037033940	Ter	
National Grid Reference:	TL 71585 17877		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037033530		

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

Waterbody Category and Map Code.:	River - R5	Surveillance site:	No
Waterbody ID and Name:	GB105037033950	Chelmer	
National Grid Reference:	TL 67010 19015		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037033530		

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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
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)

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
Sediment management strategies (develop and revise)	In Place
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
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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R6	Surveillance site:	No
Waterbody ID and Name:	GB105037033960	Picker's Ditch	
National Grid Reference:	TM 18234 16740		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037077810		

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	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	

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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105037033970	Holland and Hamford	
National Grid Reference:	TM 22972 18299		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037077810		

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R8	Surveillance site: No
Waterbody ID and Name:	GB105036046400	Glem
National Grid Reference:	TL 76056 53310	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105036040970	

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

Waterbody Category and Map Code.:	River - R9	Surveillance site:	No
Waterbody ID and Name:	GB105037034130	Layer Brook	
National Grid Reference:	TL 93979 16522		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific, Wider Environment		
Downstream Waterbody ID:	GB105037034140		

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	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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
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 (M3d)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure

Status

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.

Not In Place

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.

Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R10	Surveillance site: No
Waterbody ID and Name:	GB105037034140 Roman River	
National Grid Reference:	TM 00377 20243	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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
Sediment management strategies (develop and revise)	In Place
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
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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R11	Surveillance site: No
Waterbody ID and Name:	GB105037034150	Roman River
National Grid Reference:	TL 95632 21361	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105037034140	

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 (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)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R12	Surveillance site:	No
Waterbody ID and Name:	GB105037034160	Can	
National Grid Reference:	TL 68177 07251		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037033900		

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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	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

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 strategies (develop and revise)	In Place
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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R13	Surveillance site:	No
Waterbody ID and Name:	GB105037034180	Tendring Streams	
National Grid Reference:	TM 07173 16752		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503713900		

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)	Moderate (Very Certain)	Moderate	Technically infeasible (A2b)
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Moderate (Very Certain)	Moderate	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)

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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R14	Surveillance site: No
Waterbody ID and Name:	GB105037034190	Martins Farm Tributary
National Grid Reference:	TM 12210 18204	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503713900	

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 (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

Waterbody Category and Map Code.:	River - R15	Surveillance site: No
Waterbody ID and Name:	GB105037034210	Tendring Streams
National Grid Reference:	TM 01432 25367	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Urbanisation	
Downstream Waterbody ID:	GB105037041320	

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)	Good	Good	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1b)
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 (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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R16	Surveillance site: Yes
Waterbody ID and Name:	GB105037033530	River Chelmer
National Grid Reference:	TL 72743 06493	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation	
Downstream Waterbody ID:	GB520503713900	

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
Fish	Good	Good	
Invertebrates	Good	Good	
Macrophytes	Poor (Very Certain)	Poor	Not Required (MS)
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (B2a, P2b)

Supporting elements

Element	Current status (and certainty of less than good)	Predicted 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	Technically infeasible (P2b)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	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
Manage disturbance	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	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
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Vessel Management	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Modify vessel design	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R17	Surveillance site:	No
Waterbody ID and Name:	GB105037033540	Roxwell Brook	
National Grid Reference:	TL 65374 08593		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037034160		

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	Good	Good	
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

Waterbody Category and Map Code.:	River - R18	Surveillance site: No
Waterbody ID and Name:	GB105037033640	Blackwater Estuary
National Grid Reference:	TL 93580 09640	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503713900	

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

Waterbody Category and Map Code.:	River - R19	Surveillance site:	No
Waterbody ID and Name:	GB105037033670	Spickets Brook	
National Grid Reference:	TL 87225 10676		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503713900		

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)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	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)

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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R20	Surveillance site: No
Waterbody ID and Name:	GB105037033780	Blackwater Estuary
National Grid Reference:	TL 88780 08218	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R21	Surveillance site: No
Waterbody ID and Name:	GB105037033810	Blackwater Estuary
National Grid Reference:	TL 97814 14482	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R22	Surveillance site: No
Waterbody ID and Name:	GB105037033850	Blackwater Estuary
National Grid Reference:	TM 00904 16201	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R23	Surveillance site:	No
Waterbody ID and Name:	GB105037033860	Blackwater Pant	
National Grid Reference:	TL 83066 17571		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037041160		

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 (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R24	Surveillance site:	No
Waterbody ID and Name:	GB105036040710	Belchamp Brook	
National Grid Reference:	TL 82220 39675		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105036040900		

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, HR2a), Technically infeasible (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	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

Waterbody Category and Map Code.:	River - R25	Surveillance site:	No
Waterbody ID and Name:	GB105036040730	Brett	
National Grid Reference:	TL 99858 44039		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105036040930		

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	Good	Good	
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)

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R26	Surveillance site:	No
Waterbody ID and Name:	GB105036040740	Brett	
National Grid Reference:	TL 98427 48007		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105036040930		

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 (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

Waterbody Category and Map Code.:	River - R27	Surveillance site:	No
Waterbody ID and Name:	GB105036040750	Bildeston Brook	
National Grid Reference:	TM 00375 50135		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105036040930		

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 (Quite Certain)	Poor	Disproportionately expensive (B1a), Technically infeasible (B2l)
Invertebrates	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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R28	Surveillance site:	No
Waterbody ID and Name:	GB105036040760	Old River Brett	
National Grid Reference:	TL 94079 52171		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105036040740		

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	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
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R29	Surveillance site: No
Waterbody ID and Name:	GB105036040780	Glem
National Grid Reference:	TL 79662 52782	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105036040970	

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

Waterbody Category and Map Code.:	River - R30	Surveillance site:	No
Waterbody ID and Name:	GB105036040800	Stour Estuary (Suffk)	
National Grid Reference:	TM 15441 30349		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503613600		

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 (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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R31	Surveillance site: No
Waterbody ID and Name:	GB105036040810	Stour Estuary (Suffk)
National Grid Reference:	TM 11571 30888	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB520503613600	

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 (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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R32	Surveillance site:	No
Waterbody ID and Name:	GB105036040830	Ramsey River	
National Grid Reference:	TM 20776 29258		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503613600		

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	Moderate (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	Bad (Quite Certain)	Bad	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	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R33	Surveillance site: No
Waterbody ID and Name:	GB105036040850	Stour Estuary (Suffk)
National Grid Reference:	TM 09663 32342	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503613600	

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

Waterbody Category and Map Code.:	River - R34	Surveillance site:	No
Waterbody ID and Name:	GB105036040860	Stour (Suffk.Lower)	
National Grid Reference:	TL 98566 35550		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105036040942		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R35	Surveillance site: No
Waterbody ID and Name:	GB105036040880	Holbrook
National Grid Reference:	TM 14886 36276	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB520503613600	

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	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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Iron	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 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.

Not In Place

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.

Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R36	Surveillance site:	No
Waterbody ID and Name:	GB105036040900	Belchamp Brook	
National Grid Reference:	TL 85331 42299		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105036040941		

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)	Moderate	Disproportionately expensive (HR4a)
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)	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)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R37	Surveillance site:	No
Waterbody ID and Name:	GB105036040910	Bumpstead Brook	
National Grid Reference:	TL 69312 41980		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105036040941		

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	Moderate (Uncertain)	Moderate	Disproportionately expensive (HR4a)
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)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	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	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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R38	Surveillance site:	No
Waterbody ID and Name:	GB105036040920	River Box	
National Grid Reference:	TL 93726 41950		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105036040942		

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	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	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	

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R39	Surveillance site:	No
Waterbody ID and Name:	GB105036040930	Brett	
National Grid Reference:	TM 03176 38638		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105036041000		

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	Good	Good	
pH	High	High	
Phosphate	Poor (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)

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 strategies (develop and revise)	In Place
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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R40	Surveillance site:	No
Waterbody ID and Name:	GB105036040950	Stour Brook	
National Grid Reference:	TL 67946 44849		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105036040941		

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	Good	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	Good	Good	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	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)

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
Sediment management strategies (develop and revise)	In Place
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
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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R41	Surveillance site: No
Waterbody ID and Name:	GB105036040960	Chilton Brook
National Grid Reference:	TL 74796 46980	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105036040941	

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	

Supporting elements

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	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Bad (Very Certain)	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	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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R42	Surveillance site: No
Waterbody ID and Name:	GB105036040970	Glem
National Grid Reference:	TL 81922 51600	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105036040941	

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 conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R43	Surveillance site:	No
Waterbody ID and Name:	GB105036040980	River Stour	
National Grid Reference:	TL 66107 53953		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105036040941		

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	Disproportionately expensive (HR2a)
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	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	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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R44	Surveillance site:	No
Waterbody ID and Name:	GB105036040990	Chad Brook	
National Grid Reference:	TL 85591 51612		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105036040941		

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 (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	
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	Technically infeasible (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R45	Surveillance site: No
Waterbody ID and Name:	GB105036041060	Stour Estuary (Suffk)
National Grid Reference:	TM 20759 33823	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503613600	

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

Waterbody Category and Map Code.:	River - R46	Surveillance site:	No
Waterbody ID and Name:	GB105037041150	Bourne Brook	
National Grid Reference:	TL 78624 29073		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037041330		

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	Disproportionately expensive (P1a), Technically infeasible (B2j, 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	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
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

Waterbody Category and Map Code.:	River - R47	Surveillance site:	No
Waterbody ID and Name:	GB105037041170	Blackwater Pant	
National Grid Reference:	TL 68635 32534		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105037041160		

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	

Supporting elements

Element	Current status (and certainty of less than good)	Predicted 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 (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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R48	Surveillance site:	No
Waterbody ID and Name:	GB105037041180	Pant	
National Grid Reference:	TL 63488 35837		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105037041160		

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	High	High	
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)
Phytobenthos	Moderate (Very Certain)	Moderate	Disproportionately expensive (HR1a, P1a), Technically infeasible (M3a)

Supporting elements

Element	Current status (and 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	Disproportionately expensive (P1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
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	Technically infeasible (M3a, M3d)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	In Place
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	Not In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place
Re-engineering of the river where the flow regime cannot be modified.	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R49	Surveillance site:	No
Waterbody ID and Name:	GB105037041200	Chelmer (Upper)	
National Grid Reference:	TL 60033 26656		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105037033950		

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
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)

Supporting conditions

Element	Current status (and certainty of 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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R50	Surveillance site:	No
Waterbody ID and Name:	GB105037041210	St Botolph's Brook	
National Grid Reference:	TL 97208 27023		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037041330		

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

Waterbody Category and Map Code.:	River - R51	Surveillance site: No
Waterbody ID and Name:	GB105037041220 Chelmer	
National Grid Reference:	TL 60984 29782	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105037033950	

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	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	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

Waterbody Category and Map Code.:	River - R52	Surveillance site: No
Waterbody ID and Name:	GB105037041230	Colne (Essex.Lower)
National Grid Reference:	TL 85482 31893	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105037041330	

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	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	

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

Waterbody Category and Map Code.:	River - R53	Surveillance site:	No
Waterbody ID and Name:	GB105037041240	Colne (Essex.Upper)	
National Grid Reference:	TL 80945 32958		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037041260		

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	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 (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

Waterbody Category and Map Code.:	River - R54	Surveillance site:	No
Waterbody ID and Name:	GB105037041260	Colne	
National Grid Reference:	TL 78243 34826		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037041330		

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)
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	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R55	Surveillance site:	No
Waterbody ID and Name:	GB105037041270	Colne	
National Grid Reference:	TL 76227 38098		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037041260		

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	Moderate (Very Certain)	Moderate	Technically infeasible (DO2b)
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)

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

Waterbody Category and Map Code.:	River - R56	Surveillance site: No
Waterbody ID and Name:	GB105037041280	Stambourne Brook
National Grid Reference:	TL 73270 39087	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105037041270	

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	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

Waterbody Category and Map Code.:	River - R57	Surveillance site:	No
Waterbody ID and Name:	GB105037041290	Colne	
National Grid Reference:	TL 72060 40486		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037041270		

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	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

Waterbody Category and Map Code.:	River - R58	Surveillance site:	No
Waterbody ID and Name:	GB105037041310	Tenpenny Brook	
National Grid Reference:	TM 07956 20195		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503713900		

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)

Supporting elements

Element	Current status (and 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	Bad (Very Certain)	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	

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R59	Surveillance site: Yes
Waterbody ID and Name:	GB105037041330 Colne	
National Grid Reference:	TL 97916 25868	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

Ecological Potential

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
Fish	High	High	
Invertebrates	Good	Good	
Macrophytes	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a)
Phytobenthos	Moderate (Very Certain)	Moderate	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	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	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	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Fail (Uncertain)
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Chemical elements			
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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)	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	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	

Waterbody Category and Map Code.:	River - R60	Surveillance site: No
Waterbody ID and Name:	GB105037028440	Mundon Wash
National Grid Reference:	TL 86563 03260	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105037034340	

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

Waterbody Category and Map Code.:	River - R61	Surveillance site: No
Waterbody ID and Name:	GB105037028480	Crouch (Upper)
National Grid Reference:	TQ 70480 90593	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Urbanisation	
Downstream Waterbody ID:	GB105037028540	

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	Good	Good	
pH	High	High	
Phosphate	Bad (Uncertain)	Bad	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 (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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R62	Surveillance site:	No
Waterbody ID and Name:	GB105037028490	Crouch (Upper)	
National Grid Reference:	TQ 74420 91978		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105037028550		

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	

Supporting elements

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	Bad (Uncertain)	Bad	Disproportionately expensive (P1b)
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 (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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R63	Surveillance site:	No
Waterbody ID and Name:	GB105037028500	Crouch	
National Grid Reference:	TQ 68258 90990		
Current Overall Status	Bad		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037028540		

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	Technically infeasible (B2h)

Supporting elements

Element	Current status (and certainty of less than good)	Predicted 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

Waterbody Category and Map Code.:	River - R64	Surveillance site: No
Waterbody ID and Name:	GB105037028520	Crouch Estuary
National Grid Reference:	TQ 79925 94569	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503704100	

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

Waterbody Category and Map Code.:	River - R65	Surveillance site:	No
Waterbody ID and Name:	GB105037028540	Crouch	
National Grid Reference:	TQ 71433 93190		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037028550		

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 (B2h)

Supporting elements

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	Bad (Very Certain)	Bad	Disproportionately expensive (P1b)
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

Waterbody Category and Map Code.:	River - R66	Surveillance site:	No
Waterbody ID and Name:	GB105037028550	River Crouch	
National Grid Reference:	TQ 75775 94338		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503704100		

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 (B1a), Technically infeasible (B2a, B2h)

Supporting elements

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	Bad (Very Certain)	Bad	Disproportionately expensive (P1b)
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	
Morphology	Supports Good	Supports Good	

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R67	Surveillance site:	No
Waterbody ID and Name:	GB105037028560	Crouch Estuary	
National Grid Reference:	TQ 77625 97796		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503704100		

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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R68	Surveillance site: No
Waterbody ID and Name:	GB105037028580	Asheldham Brook
National Grid Reference:	TM 01119 00977	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB650503520001	

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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R69	Surveillance site:	No
Waterbody ID and Name:	GB105037028600	Roach and Canvey	
National Grid Reference:	TQ 76222 86192		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027		
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Not Designated		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB530603911400		

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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R70	Surveillance site:	No
Waterbody ID and Name:	GB105037028610	Roach and Canvey	
National Grid Reference:	TQ 81587 85215		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Bathing Water Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB530603911400		

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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R71	Surveillance site: No
Waterbody ID and Name:	GB105037028620	Roach and Canvey
National Grid Reference:	TQ 91312 88433	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503704100	

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

Waterbody Category and Map Code.:	River - R72	Surveillance site:	No
Waterbody ID and Name:	GB105037028650	Haverings Grove Brook	
National Grid Reference:	TQ 64830 93599		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037028670		

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)

Supporting conditions

Element	Current status (and certainty of 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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R73	Surveillance site:	No
Waterbody ID and Name:	GB105037028660	Chainbridge Tributary	
National Grid Reference:	TQ 59510 96758		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037028680		

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 (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	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	

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R74	Surveillance site:	No
Waterbody ID and Name:	GB105037028670	Wid	
National Grid Reference:	TQ 66331 97228		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037028690		

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	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)	Moderate (Quite Certain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	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	Technically infeasible (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R75	Surveillance site:	No
Waterbody ID and Name:	GB105037028680	Wid	
National Grid Reference:	TQ 63709 96199		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037028670		

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 (B2h, B2j, B2l, INNS2a)

Supporting elements

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	
Iron	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	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

Waterbody Category and Map Code.:	River - R76	Surveillance site:	No
Waterbody ID and Name:	GB105037028690	Wid	
National Grid Reference:	TQ 66964 99715		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037033900		

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)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Iron	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

Waterbody Category and Map Code.:	River - R77	Surveillance site:	No
Waterbody ID and Name:	GB105037028700	Wid	
National Grid Reference:	TQ 65508 98446		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037028690		

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
Phosphate	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

Waterbody Category and Map Code.:	River - R78	Surveillance site:	No
Waterbody ID and Name:	GB105037028710	Wid	
National Grid Reference:	TL 66579 01676		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037033900		

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
Phosphate	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

Waterbody Category and Map Code.:	River - R79	Surveillance site: No
Waterbody ID and Name:	GB105037028730	Prittle Brook
National Grid Reference:	TQ 85572 86933	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Urbanisation	
Downstream Waterbody ID:	GB520503704100	

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	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	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	

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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R80	Surveillance site: No
Waterbody ID and Name:	GB105037028780	Crouch Estuary
National Grid Reference:	TQ 83471 98056	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503704100	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R81	Surveillance site: No
Waterbody ID and Name:	GB105037028850	Crouch Estuary
National Grid Reference:	TQ 77753 94588	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Not Designated	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503704100	

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

Waterbody Category and Map Code.:	River - R82	Surveillance site: No
Waterbody ID and Name:	GB105037033790	Blackwater Estuary
National Grid Reference:	TL 95471 14340	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R83	Surveillance site: No
Waterbody ID and Name:	GB105037028450	Mundon Wash
National Grid Reference:	TL 87881 05228	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R84	Surveillance site: No
Waterbody ID and Name:	GB105036040720	Belchamp Brook
National Grid Reference:	TL 83395 42538	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105036040900	

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 (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

Waterbody Category and Map Code.:	River - R85	Surveillance site:	No
Waterbody ID and Name:	GB105037028510	Crouch Estuary	
National Grid Reference:	TQ 77594 93615		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027		
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Not Designated		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503704100		

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

Waterbody Category and Map Code.:	River - R86	Surveillance site:	No
Waterbody ID and Name:	GB105036040870	Stour (Suffk.Lower)	
National Grid Reference:	TL 92182 34051		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105036040942		

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	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R87	Surveillance site:	No
Waterbody ID and Name:	GB105037028630	Sandon Brook	
National Grid Reference:	TL 74196 01081		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037033890		

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, B2j)
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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R88	Surveillance site:	No
Waterbody ID and Name:	GB105037041250	Toppesfield Brook	
National Grid Reference:	TL 74484 36094		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037041260		

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 (HR4a)
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	Technically infeasible (DO2b)
Dissolved Oxygen	Poor (Very Certain)	Poor	
pH	High	High	Disproportionately expensive (P1a)
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	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	Good	Good	

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R89	Surveillance site:	No
Waterbody ID and Name:	GB105037033840	Can	
National Grid Reference:	TL 64599 10953		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037034160		

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	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

Waterbody Category and Map Code.:	River - R90	Surveillance site:	No
Waterbody ID and Name:	GB105037028640	East Tributary Of Sandon Brook	
National Grid Reference:	TL 81116 02690		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037033890		

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	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

Waterbody Category and Map Code.:	River - R91	Surveillance site:	No
Waterbody ID and Name:	GB105037041140	Brain	
National Grid Reference:	TL 71867 25141		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037041160		

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), Technically infeasible (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)	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	

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
Sediment management strategies (develop and revise)	In Place
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
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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R92	Surveillance site: No
Waterbody ID and Name:	GB105036040790	Stour Estuary (Suffk)
National Grid Reference:	TM 13930 30991	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503613600	

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

Waterbody Category and Map Code.:	River - R93	Surveillance site:	No
Waterbody ID and Name:	GB105037041190	Stebbing Brook	
National Grid Reference:	TL 66130 23732		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037033950		

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

Waterbody Category and Map Code.:	River - R94	Surveillance site: No
Waterbody ID and Name:	GB105037033510	Blackwater Estuary
National Grid Reference:	TL 94289 05377	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R95	Surveillance site: No
Waterbody ID and Name:	GB105037033920	Chelmer (Upper)
National Grid Reference:	TL 68344 13928	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105037033950	

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
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R96	Surveillance site:	No
Waterbody ID and Name:	GB105036040770	Lavenham Brook	
National Grid Reference:	TL 91996 49317		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105036040740		

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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
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	

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R97	Surveillance site: No
Waterbody ID and Name:	GB105037077810	Holland Brook
National Grid Reference:	TM 15709 22489	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB650503520001	

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	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	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
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	

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 strategies (develop and revise)	In Place
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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R98	Surveillance site: No
Waterbody ID and Name:	GB105036040941	Stour US Lamarsh
National Grid Reference:	TL 81867 46190	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Water Regulation (strategic transfer)	
Downstream Waterbody ID:	GB105036040942	

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	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
2,4-dichlorophenol	High	High	
2,4-dichlorophenoxyacetic acid	High	High	
Arsenic	High	High	
Copper	High	High	
Dimethoate	High	High	
Iron	High	High	
Linuron	High	High	
Mecoprop	High	High	
Permethrin	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	

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 (M1a, M1f)

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	
Benzene	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	
Napthalene	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	

Waterbody Category and Map Code.:	River - R99	Surveillance site:	No
Waterbody ID and Name:	GB105036040942	Stour DS Lamarsh	
National Grid Reference:	TL 96016 33214		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105036041000		

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 (P1c)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	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 (M1a, M1f)

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	
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	

Waterbody Category and Map Code.:	River - R100	Surveillance site: No
Waterbody ID and Name:	GB105037033880 Bradwell Brook	
National Grid Reference:	TM 01711 05531	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB650503200000	

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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R101	Surveillance site:	No
Waterbody ID and Name:	GB105037033900	Wid	
National Grid Reference:	TL 69028 04953		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037033530		

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	Technically infeasible (B2a, B2h, B2j, INNS2a)

Supporting elements

Element	Current status (and 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	Does not Support Good	Does not Support Good	Technically infeasible (M1a)

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R102	Surveillance site:	No
Waterbody ID and Name:	GB105037033910	Boreham Tributary	
National Grid Reference:	TL 75425 09229		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037033530		

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	Poor (Uncertain)	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

Waterbody Category and Map Code.:	River - R103	Surveillance site: No
Waterbody ID and Name:	GB105037034050	Hamford
National Grid Reference:	TM 21524 26870	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503713700	

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

Waterbody Category and Map Code.:	River - R104	Surveillance site: No
Waterbody ID and Name:	GB105037034170	St Psyth Drains
National Grid Reference:	TM 13695 16434	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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

Waterbody Category and Map Code.:	River - R105	Surveillance site: No
Waterbody ID and Name:	GB105037034240	Hamford
National Grid Reference:	TM 21417 22181	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713700	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R106	Surveillance site:	No
Waterbody ID and Name:	GB105037033520	Limbourne Creek Tributary	
National Grid Reference:	TL 86925 05509		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037034340		

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R107	Surveillance site:	No
Waterbody ID and Name:	GB105037033630	Bowstead Brook (Borrow Dyke)	
National Grid Reference:	TL 92658 08508		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503713900		

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
Sediment management strategies (develop and revise)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R108	Surveillance site:	No
Waterbody ID and Name:	GB105037033650	Chignall Brook	
National Grid Reference:	TL 68101 09899		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105037033900		

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	Good	Good	
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 (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R109	Surveillance site: No
Waterbody ID and Name:	GB105037033730	Bowstead Brook
National Grid Reference:	TL 92224 10185	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R110	Surveillance site: No
Waterbody ID and Name:	GB105037033800 Virley Brook	
National Grid Reference:	TL 94568 14835	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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	Bad (Very Certain)	Bad	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	

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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R111	Surveillance site: No
Waterbody ID and Name:	GB105037033820	Ray Channel Borrow Dyke
National Grid Reference:	TM 00215 14924	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB520503713900	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R112	Surveillance site: No
Waterbody ID and Name:	GB105037033830	Sampson's Creek
National Grid Reference:	TL 98763 15298	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105037033820	

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

Waterbody Category and Map Code.:	River - R113	Surveillance site:	No
Waterbody ID and Name:	GB105036040890	Stutton Brook	
National Grid Reference:	TM 11446 35440		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503613600		

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)

Supporting elements

Element	Current status (and 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	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 (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

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

Waterbody Category and Map Code.:	River - R114	Surveillance site: Yes
Waterbody ID and Name:	GB105036041000 Lower Stour	
National Grid Reference:	TM 07802 32892	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation	
Downstream Waterbody ID:	GB520503613600	

Ecological Potential

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
Fish	Good	Good	
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)
Macrophytes	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 (P1d)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	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
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Manage disturbance	In Place
Selective vegetation control regime	In Place
Vessel Management	In Place
Alter timing of dredging / disposal	In Place
Lateral zoning to concentrate boats within a central track	In Place
Appropriate vegetation control technique	In Place
Sediment management strategies (develop and revise)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Awareness raising / information boards (invasive species)	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Modify vessel design	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
Improve floodplain connectivity	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Good
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Chemical elements			
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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	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	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	
para - para DDT	High	High	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	River - R115	Surveillance site: Yes
Waterbody ID and Name:	GB105037041160	River Blackwater
National Grid Reference:	TL 71227 30398	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation	
Downstream Waterbody ID:	GB520503713900	

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	Good	Good	
Macrophytes	Moderate (Very Certain)	Moderate	Disproportionately expensive (HR2a)
Phytobenthos	Poor (Very Certain)	Poor	Disproportionately expensive (HR2a), 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
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Technically infeasible (P2b)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	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
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Manage disturbance	In Place
Selective vegetation control regime	In Place
Vessel Management	In Place
Alter timing of dredging / disposal	In Place
Lateral zoning to concentrate boats within a central track	In Place
Appropriate vegetation control technique	In Place
Sediment management strategies (develop and revise)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Awareness raising / information boards (invasive species)	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Modify vessel design	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
Improve floodplain connectivity	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R116	Surveillance site:	No
Waterbody ID and Name:	GB105037041320	Salary Brook	
National Grid Reference:	TM 03045 25990		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB520503713900		

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)	Good	Good	
Dissolved Oxygen	Moderate (Uncertain)	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Good	
Temperature	High	High	
Iron	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

Mitigation Measure	Status
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.	Not In Place
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.	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R117	Surveillance site:	No
Waterbody ID and Name:	GB105037028410	Mayland Creek Tributary	
National Grid Reference:	TL 91479 01495		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503713900		

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

Waterbody Category and Map Code.:	River - R118	Surveillance site: No
Waterbody ID and Name:	GB105037028430	Mundon Creek Tributary
National Grid Reference:	TL 88885 01949	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503713900	

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

Waterbody Category and Map Code.:	River - R119	Surveillance site: No
Waterbody ID and Name:	GB105037028570	Southminster Ditches
National Grid Reference:	TQ 97497 97089	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503704100	

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)	Moderate	Not Required (MS)
Phytobenthos	Moderate (Very Certain)	Moderate	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)	Bad (Very Certain)	Bad	Disproportionately expensive (A5c)
Dissolved Oxygen	Bad (Very Certain)	Moderate	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1b)
Temperature	High	High	
Ammonia (Annex 8)	Bad (Very Certain)	Bad	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	

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R120	Surveillance site:	No
Waterbody ID and Name:	GB105037028720	Doddinghurst Brook	
National Grid Reference:	TQ 60623 98891		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105037028680		

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	Disproportionately expensive (A1b), Technically infeasible (B2h, B2j, 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)	Poor (Very Certain)	Moderate	Disproportionately expensive (A1b)
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Iron	High	High	
Ammonia (Annex 8)	Poor (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	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

Waterbody Category and Map Code.:	River - R121	Surveillance site:	No
Waterbody ID and Name:	GB105037028740	River Roach, Nobles Ditch and Eastwood Brook	
National Grid Reference:	TQ 84312 88749		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503704100		

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)	Poor (Very Certain)	Moderate	Technically infeasible (A2b)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1b)
Temperature	High	High	
Copper	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Poor (Very Certain)	Moderate	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	Moderate	Moderate	Technically infeasible (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R122	Surveillance site:	No
Waterbody ID and Name:	GB105037028750	Paglesham Creek Tributary	
National Grid Reference:	TQ 92157 93396		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503704100		

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

Waterbody Category and Map Code.:	River - R123	Surveillance site: No
Waterbody ID and Name:	GB105037034940	Jaywick
National Grid Reference:	TM 14208 13136	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB650503520001	

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

Waterbody Category and Map Code.:	River - R124	Surveillance site: No
Waterbody ID and Name:	GB105037034200 Sixpenny Brook	
National Grid Reference:	TM 05395 21807	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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 conditions

Element	Current 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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R125	Surveillance site: No
Waterbody ID and Name:	GB105037034220	Bentley Brook & Saltwater Brook
National Grid Reference:	TM 10948 18860	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503713900	

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 conditions

Element	Current 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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Lake - L1	Surveillance site: No
Waterbody ID and Name:	GB30539944	Ardleigh Reservoir
National Grid Reference:	TM 03190 28294	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Drinking Water	
Downstream Waterbody ID:		

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
Chironom Invertebrates	Poor (Very Certain)	Poor	Technically infeasible (B2a)
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	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	Moderate	Moderate	Technically infeasible (M3d)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
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.	Not In Place
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.	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Lake - L2	Surveillance site:	No
Waterbody ID and Name:	GB30540418	Abberton Reservoir	
National Grid Reference:	TL 96979 17544		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Drinking Water		
Downstream Waterbody ID:			

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	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	Bad (Very Certain)	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 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.	Not In Place
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.	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
Isoproturon	High	High	

Waterbody Category and Map Code.:	Lake - L3	Surveillance site:	No
Waterbody ID and Name:	GB30539601	Alton Water Reservoir	
National Grid Reference:	TM 14724 36401		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Drinking Water		
Downstream Waterbody ID:			

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 (Very Certain)	Moderate	Disproportionately expensive (B1a), 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	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	Moderate	Moderate	Technically infeasible (M3d)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
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.	Not In Place
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.	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Lake - L4	Surveillance site:	No
Waterbody ID and Name:	GB30541427	Hanningfield Reservoir	
National Grid Reference:	TQ 73189 98320		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	Yes		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Drinking Water		
Downstream Waterbody ID:			

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	Bad (Very Certain)	Poor	Not Required (MS)
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (P2b)
Phytoplankton	Poor (Very Certain)	Poor	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	

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 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.

Not In Place

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.

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
Isoproturon	High	High	
Pentachlorophenol	High	High	

Waterbody Category and Map Code.:	Lake - L5	Surveillance site: No
Waterbody ID and Name:	GB30539264	Glemsford pits
National Grid Reference:	TL 84052 46391	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:		

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 East Suffolk river catchment

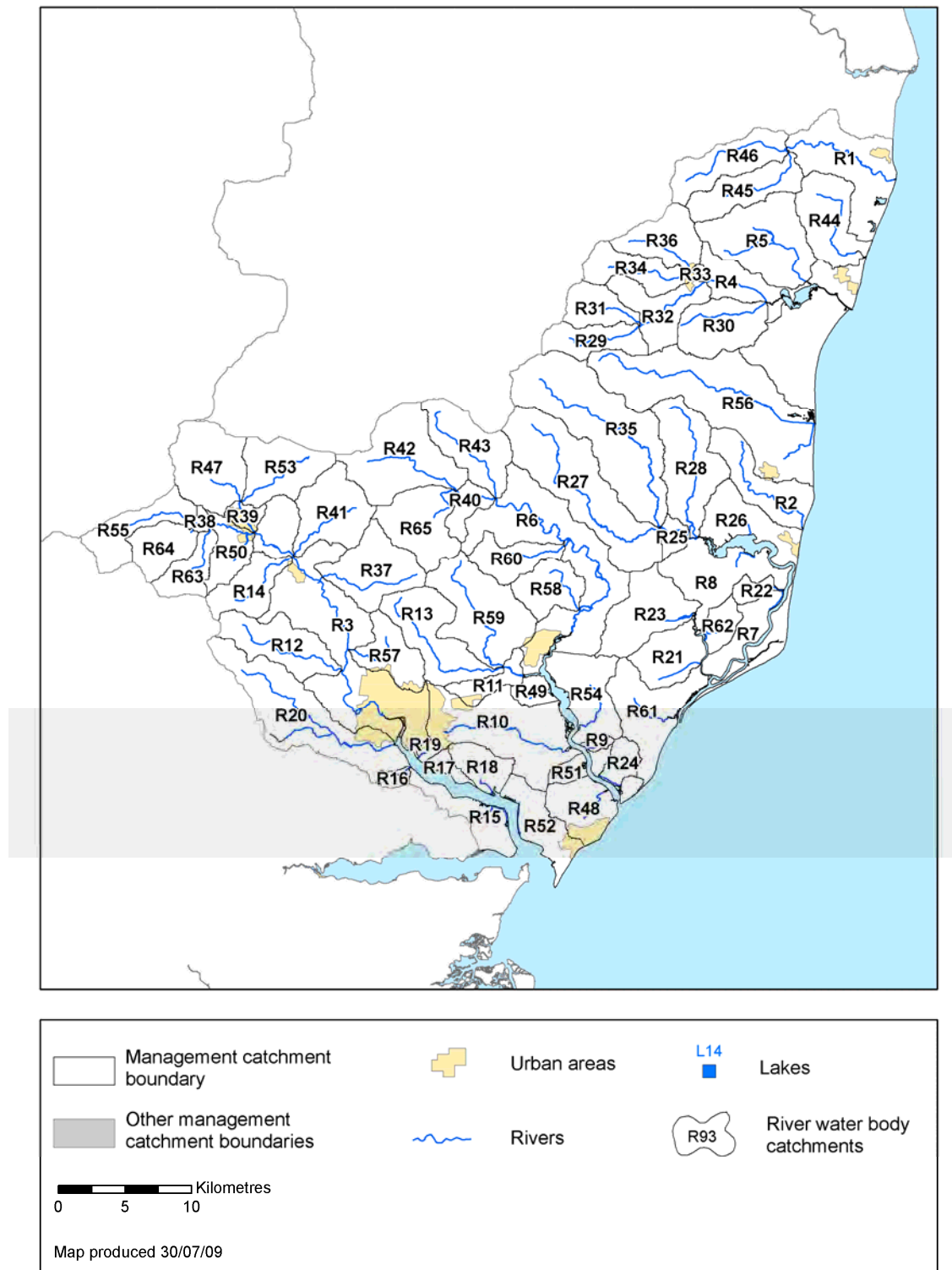
Rivers and Lakes

There are 65 river water bodies (of which 27 are designated as heavily modified and 1 artificial) and 0 lake water bodies within the East Suffolk river catchment.

Figure B.8.1 **Status objectives for rivers and lakes in the East Suffolk 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	4	4	37	33	37
Heavily modified Water bodies	7	7	27	20	27
Artificial water bodies	0	0	1	1	1

Figure B.8.2 River and lake water bodies in the East Suffolk river catchment



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Water body tables for rivers and lakes in the East Suffolk river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site: No
Waterbody ID and Name:	GB105035046250	Lothingland Hundred
National Grid Reference:	TM 48656 87142	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB650503520002	

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	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	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
Sediment management strategies (develop and revise)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R2	Surveillance site: No
Waterbody ID and Name:	GB105035046260 Hundred River	
National Grid Reference:	TM 43839 60859	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB650503520002	

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)
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)	Good	Good	
Dissolved Oxygen	Poor (Very Certain)	Moderate	Technically infeasible (DO2a)
pH	High	High	
Phosphate	Moderate (Quite Certain)	Good	
Temperature	High	High	
Iron	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 (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R3	Surveillance site: Yes
Waterbody ID and Name:	GB105035046280	River Gipping
National Grid Reference:	TM 12312 50914	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503613600	

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
Fish	High	High	
Invertebrates	Good	Good	
Macrophytes	Moderate (Very Certain)	Moderate	Not Required (MS)
Phytobenthos	Poor (Very Certain)	Poor	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
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Technically infeasible (P2b)
Temperature	Good	Good	
2,4-dichlorophenoxyacetic acid	High	High	
Copper	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
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
Sediment management strategies (develop and revise)	In Place
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
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
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
Increase in-channel morphological diversity	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
1,2-dichloroethane	High	High	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Nickel And Its 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	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	River - R4	Surveillance site:	No
Waterbody ID and Name:	GB105035046290	Blyth	
National Grid Reference:	TM 42043 76665		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB510503503700		

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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
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	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
Sediment management strategies (develop and revise)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R5	Surveillance site:	No
Waterbody ID and Name:	GB105035046300	Wang	
National Grid Reference:	TM 46530 78546		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB510503503700		

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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
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	

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

Waterbody Category and Map Code.:	River - R6	Surveillance site:	No
Waterbody ID and Name:	GB105035046310	Deben	
National Grid Reference:	TM 26735 59250		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503503900		

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	Disproportionately expensive (HR4a)
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 (Uncertain)	Moderate	Disproportionately expensive (DO1a)
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	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 (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105035077790	Alde and Ore (Tidal)	
National Grid Reference:	TM 45062 52728		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB520503503800		

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 (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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R8	Surveillance site:	No
Waterbody ID and Name:	GB105035077800	Alde and Ore (Tidal)	
National Grid Reference:	TM 42201 56446		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB520503503800		

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 (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
Sediment management strategies (develop and revise)	In Place
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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R9	Surveillance site:	No
Waterbody ID and Name:	GB105035040260	Deben (Tidal)	
National Grid Reference:	TM 30922 41717		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027		
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Not Designated		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB520503503900		

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 (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
Sediment management strategies (develop and revise)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R10	Surveillance site: No
Waterbody ID and Name:	GB105035040280	Bucklesham Mill River
National Grid Reference:	TM 26869 42005	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503503900	

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)	Moderate	Disproportionately expensive (B1a), Technically infeasible (B2r, 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 (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
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)
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	

Waterbody Category and Map Code.:	River - R11	Surveillance site: No
Waterbody ID and Name:	GB105035040300	Lark/Fynn
National Grid Reference:	TM 25645 47264	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB520503503900	

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	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)	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	Moderate	Moderate	Technically infeasible (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R12	Surveillance site: No
Waterbody ID and Name:	GB105035040310	Somersham Watercourse
National Grid Reference:	TM 08240 48858	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105035046280	

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
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	Bad (Very Certain)	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	

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 channel maintenance strategies and techniques - woody debris	In Place
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R13	Surveillance site:	No
Waterbody ID and Name:	GB105035040330	Fynn	
National Grid Reference:	TM 19268 48638		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035040300		

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, B2l, 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	Poor (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	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

Waterbody Category and Map Code.:	River - R14	Surveillance site:	No
Waterbody ID and Name:	GB105035040350	Wattisham Watercourse	
National Grid Reference:	TM 06456 54379		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035046280		

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

Waterbody Category and Map Code.:	River - R15	Surveillance site: No
Waterbody ID and Name:	GB105035040380	Orwell (Tidal)
National Grid Reference:	TM 23717 37315	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB520503613600	

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

Waterbody Category and Map Code.:	River - R16	Surveillance site: No
Waterbody ID and Name:	GB105035040400	Orwell (Tidal)
National Grid Reference:	TM 16940 39947	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503613600	

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 (HR4a)
Morphology	Supports Good	Supports Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R17	Surveillance site: No
Waterbody ID and Name:	GB105035040410	Orwell (Tidal)
National Grid Reference:	TM 19746 40246	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503613600	

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 (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

Waterbody Category and Map Code.:	River - R18	Surveillance site: No
Waterbody ID and Name:	GB105035040420	Orwell (Tidal)
National Grid Reference:	TM 23225 38851	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503613600	

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

Waterbody Category and Map Code.:	River - R19	Surveillance site: No
Waterbody ID and Name:	GB105035040430	Orwell (Tidal)
National Grid Reference:	TM 18158 41235	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Not Designated	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Urbanisation	
Downstream Waterbody ID:	GB520503613600	

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

Waterbody Category and Map Code.:	River - R20	Surveillance site:	No
Waterbody ID and Name:	GB105035040440	Belstead Brook	
National Grid Reference:	TM 08298 45506		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503613600		

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	Disproportionately expensive (B1a)
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	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

Waterbody Category and Map Code.:	River - R21	Surveillance site:	No
Waterbody ID and Name:	GB105035040160	Tang	
National Grid Reference:	TM 37687 47532		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503503800		

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	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	High	High	
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	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

Waterbody Category and Map Code.:	River - R22	Surveillance site: No
Waterbody ID and Name:	GB105035040180	Alde and Ore (Tidal)
National Grid Reference:	TM 44803 53757	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503503800	

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

Waterbody Category and Map Code.:	River - R23	Surveillance site: Yes
Waterbody ID and Name:	GB105035040190 Butley River	
National Grid Reference:	TM 36209 51353	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB520503503800	

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)	Moderate	Disproportionately expensive (HR2a)
Macrophytes	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a)
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)	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	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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R24	Surveillance site:	No
Waterbody ID and Name:	GB105035040250	Deben (Tidal)	
National Grid Reference:	TM 32404 39207		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503503900		

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

Waterbody Category and Map Code.:	River - R25	Surveillance site:	No
Waterbody ID and Name:	GB105035045950	Alde	
National Grid Reference:	TM 37447 58110		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035077800		

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 (DO1a, HR2a), 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	Disproportionately expensive (DO1a)
Dissolved Oxygen	Moderate (Uncertain)	Moderate	
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	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

Waterbody Category and Map Code.:	River - R26	Surveillance site:	No
Waterbody ID and Name:	GB105035045960	Alde and Ore (Tidal)	
National Grid Reference:	TM 42773 58535		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB520503503800		

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 (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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R27	Surveillance site:	No
Waterbody ID and Name:	GB105035045970	Ore	
National Grid Reference:	TM 29994 61084		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035045950		

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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a), 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	Bad (Very Certain)	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	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

Waterbody Category and Map Code.:	River - R28	Surveillance site:	No
Waterbody ID and Name:	GB105035045980	Fromus	
National Grid Reference:	TM 38662 63568		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503503800		

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	Disproportionately expensive (DO1a, P1a)
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)	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	
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

Waterbody Category and Map Code.:	River - R29	Surveillance site:	No
Waterbody ID and Name:	GB105035046000	Blyth (Suffk)	
National Grid Reference:	TM 31984 72613		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105035046030		

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)	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	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

Waterbody Category and Map Code.:	River - R30	Surveillance site:	No
Waterbody ID and Name:	GB105035046010	Wenhaston Watercourse	
National Grid Reference:	TM 41006 74426		
Current Overall Status	Bad		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB510503503700		

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
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a), Technically infeasible (DO2b)
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)	Good	Good	
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2b)
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

Waterbody Category and Map Code.:	River - R31	Surveillance site:	No
Waterbody ID and Name:	GB105035046020	Blyth (Suffk)	
National Grid Reference:	TM 33332 74565		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105035046030		

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)	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	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

Waterbody Category and Map Code.:	River - R32	Surveillance site: No
Waterbody ID and Name:	GB105035046030	Blyth (Suffk)
National Grid Reference:	TM 37283 75182	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105035046290	

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 elements

Element	Current status (and 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	
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	

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

Waterbody Category and Map Code.:	River - R33	Surveillance site:	No
Waterbody ID and Name:	GB105035046040	Blyth	
National Grid Reference:	TM 38963 77368		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105035046290		

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
Invertebrates	Poor (Very Certain)	Poor	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)

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
Educate landowners on sensitive management practices (urbanisation)	In Place
Appropriate techniques (invasive species)	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R34	Surveillance site: No
Waterbody ID and Name:	GB105035046050	Chediston Watercourse
National Grid Reference:	TM 35431 77556	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105035046040	

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

Waterbody Category and Map Code.:	River - R35	Surveillance site:	No
Waterbody ID and Name:	GB105035046060	Alde	
National Grid Reference:	TM 35304 62873		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035045950		

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 (DO1a, HR2a), 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	Poor (Quite Certain)	Poor	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

Waterbody Category and Map Code.:	River - R36	Surveillance site:	No
Waterbody ID and Name:	GB105035046070	Blyth	
National Grid Reference:	TM 36500 79345		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105035046040		

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	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	

Chemical Status

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

Waterbody Category and Map Code.:	River - R37	Surveillance site:	No
Waterbody ID and Name:	GB105035046100	Coddenham Watercourse	
National Grid Reference:	TM 13966 53679		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035046280		

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	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

Waterbody Category and Map Code.:	River - R38	Surveillance site: No
Waterbody ID and Name:	GB105035046120	Rattlesden River
National Grid Reference:	TM 01316 58647	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046110	

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	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

Waterbody Category and Map Code.:	River - R39	Surveillance site:	No
Waterbody ID and Name:	GB105035046130	Gipping	
National Grid Reference:	TM 04751 59471		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105035046280		

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	Good	Good	
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	

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
Sediment management strategies (develop and revise)	In Place
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
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
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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R40	Surveillance site:	No
Waterbody ID and Name:	GB105035046160	Deben	
National Grid Reference:	TM 22218 60687		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035046310		

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 (DO1a, M5a)
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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R41	Surveillance site: No
Waterbody ID and Name:	GB105035046170 Jordan	
National Grid Reference:	TM 10501 58309	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046280	

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)	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

Waterbody Category and Map Code.:	River - R42	Surveillance site:	No
Waterbody ID and Name:	GB105035046200	Deben	
National Grid Reference:	TM 17663 62929		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105035046160		

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	Moderate (Quite Certain)	Moderate	Not Required (MS)
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	Good	Good	
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	

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 strategies (develop and revise)	In Place
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
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
Appropriate channel maintenance strategies and techniques - woody debris	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
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Waterbody Category and Map Code.:	River - R43	Surveillance site:	No
Waterbody ID and Name:	GB105035046210	Earl Soham Watercourse	
National Grid Reference:	TM 21766 64100		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105035046310		

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	Poor (Very Certain)	Poor	Not Required (MS)
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	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	

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

Waterbody Category and Map Code.:	River - R44	Surveillance site: No
Waterbody ID and Name:	GB105035046220	Easton Broad
National Grid Reference:	TM 49293 81112	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB650503520002	

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 (P1c), 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	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
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	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

Waterbody Category and Map Code.:	River - R45	Surveillance site: No
Waterbody ID and Name:	GB105035046230	Lothingland Hundred
National Grid Reference:	TM 44472 84094	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046250	

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	Disproportionately expensive (DO1a)
Dissolved Oxygen	Poor (Uncertain)	Poor	
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

Waterbody Category and Map Code.:	River - R46	Surveillance site:	No
Waterbody ID and Name:	GB105035046240	Lothingland Hundred	
National Grid Reference:	TM 41435 86631		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105035046250		

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	Disproportionately expensive (DO1a)
Dissolved Oxygen	Poor (Uncertain)	Poor	
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	Technically infeasible (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R47	Surveillance site: No
Waterbody ID and Name:	GB105035046190	Haughley Watercourse
National Grid Reference:	TM 03887 61532	
Current Overall Status	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046130	

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 (B1a)
Invertebrates	Moderate (Quite Certain)	Moderate	Disproportionately expensive (B1a)

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R48	Surveillance site: No
Waterbody ID and Name:	GB105035040200 King's Fleet	
National Grid Reference:	TM 31360 37461	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503503900	

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

Waterbody Category and Map Code.:	River - R49	Surveillance site: No
Waterbody ID and Name:	GB105035040270	Deben (Tidal)
National Grid Reference:	TM 26373 45513	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503503900	

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

Waterbody Category and Map Code.:	River - R50	Surveillance site: No
Waterbody ID and Name:	GB105035046110	Rattlesden River
National Grid Reference:	TM 03591 58331	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046280	

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 (B2p, INNS2a)

Supporting elements

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	
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

Waterbody Category and Map Code.:	River - R51	Surveillance site: No
Waterbody ID and Name:	GB105035040240	Deben (Tidal)
National Grid Reference:	TM 30243 40375	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503503900	

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

Waterbody Category and Map Code.:	River - R52	Surveillance site: No
Waterbody ID and Name:	GB105035040390	Orwell (Tidal)
National Grid Reference:	TM 25431 36371	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB520503613600	

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 (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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R53	Surveillance site:	No
Waterbody ID and Name:	GB105035046180	Gipping	
National Grid Reference:	TM 06237 61309		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035046130		

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	Disproportionately expensive (B1a), Technically infeasible (B2m)
Invertebrates	Poor (Quite Certain)	Poor	Technically infeasible (B2h, B2p, S2b)
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	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

Waterbody Category and Map Code.:	River - R54	Surveillance site:	No
Waterbody ID and Name:	GB105035040290	Shottisham Mill River	
National Grid Reference:	TM 31635 44749		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB520503503900		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current 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

Waterbody Category and Map Code.:	River - R55	Surveillance site: No
Waterbody ID and Name:	GB105035046150	Rattlesden River
National Grid Reference:	TL 98055 59261	
Current Overall Status	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046120	

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)	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

Waterbody Category and Map Code.:	River - R56	Surveillance site:	No
Waterbody ID and Name:	GB105035046270	Leiston Beck and Minsmere Old River	
National Grid Reference:	TM 36213 69620		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB650503520002		

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	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	Moderate (Quite Certain)	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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

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

Waterbody Category and Map Code.:	River - R57	Surveillance site: No
Waterbody ID and Name:	GB105035040320	Tributary of Gipping
National Grid Reference:	TM 14725 48327	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046280	

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	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	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

Waterbody Category and Map Code.:	River - R58	Surveillance site: No
Waterbody ID and Name:	GB105035040340	Tributary of Deben
National Grid Reference:	TM 29037 53881	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046310	

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	Disproportionately expensive (DO1a)
Dissolved Oxygen	Moderate (Uncertain)	Moderate	
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

Waterbody Category and Map Code.:	River - R59	Surveillance site:	No
Waterbody ID and Name:	GB105035040360	Lark	
National Grid Reference:	TM 22832 51021		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035040300		

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, B2m, 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)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	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	
Morphology	Supports Good	Supports Good	

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R60	Surveillance site: No
Waterbody ID and Name:	GB105035040370	Tributary of Deben
National Grid Reference:	TM 27027 56341	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046310	

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

Waterbody Category and Map Code.:	River - R61	Surveillance site: No
Waterbody ID and Name:	GB205035040150 Black Ditch	
National Grid Reference:	TM 35173 44127	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503503800	

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	Poor (Very Certain)	Poor	Technically infeasible (DO2a)
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

Waterbody Category and Map Code.:	River - R62	Surveillance site:	No
Waterbody ID and Name:	GB105035040170	Tributary of Butley River	
National Grid Reference:	TM 39702 50386		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB520503503800		

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 (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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R63	Surveillance site: No
Waterbody ID and Name:	GB105035046080	Great Finborough Watercourse
National Grid Reference:	TM 01807 56669	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105035046120	

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	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

Waterbody Category and Map Code.:	River - R64	Surveillance site:	No
Waterbody ID and Name:	GB105035046090	Tributary of Rattlesden River	
National Grid Reference:	TM 01000 58285		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035046120		

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	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

Waterbody Category and Map Code.:	River - R65	Surveillance site:	No
Waterbody ID and Name:	GB105035046140	Framsden Watercourse	
National Grid Reference:	TM 19955 60332		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105035046160		

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	Moderate (Uncertain)	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	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.9 Nene river catchment

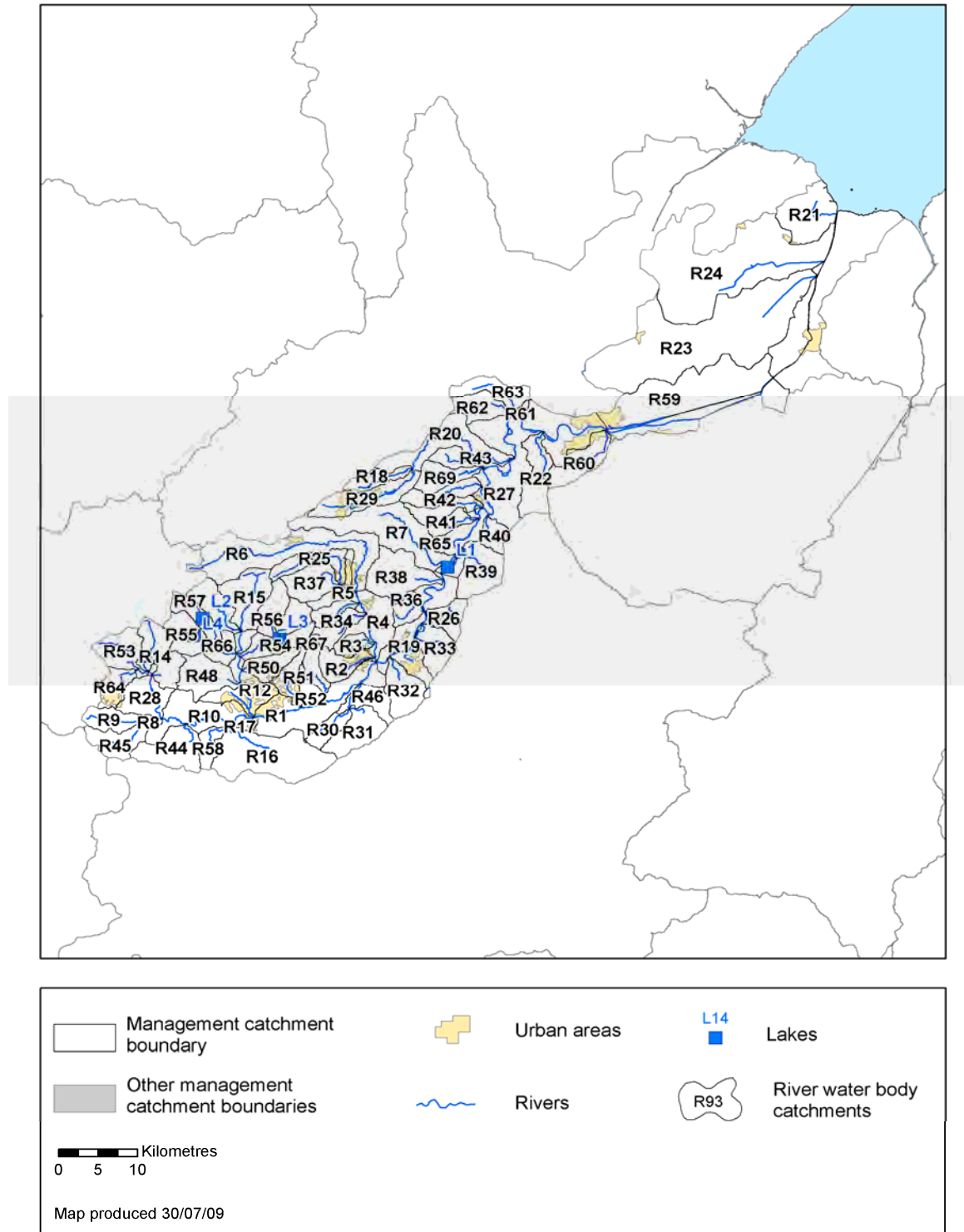
Rivers and Lakes

There are 69 river water bodies (of which 34 are designated as heavily modified and 4 artificial) and 4 lake water bodies (of which 2 are designated as heavily modified and 2 artificial) within the Nene river catchment.

Figure B.9.1 **Status objectives for rivers and lakes in the Nene 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	12	12	31	19	31
Lakes	0	0	0	0	0
Heavily modified Water bodies	2	2	36	34	36
Artificial water bodies	2	2	6	4	6

Figure B.9.2 River and lake water bodies in the Nene river catchment



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Water body tables for rivers and lakes in the Nene river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site:	No
Waterbody ID and Name:	GB105032045050	Nene	
National Grid Reference:	SP 77444 59539		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032050383		

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)	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	
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)

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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	

Waterbody Category and Map Code.:	River - R2	Surveillance site: No
Waterbody ID and Name:	GB105032045070	Swanspool Brook
National Grid Reference:	SP 88236 66942	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032045140	

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

Waterbody Category and Map Code.:	River - R3	Surveillance site:	No
Waterbody ID and Name:	GB105032045080	Harrowden Brook	
National Grid Reference:	SP 88582 69883		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032045140		

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)	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	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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

Waterbody Category and Map Code.:	River - R4	Surveillance site:	No
Waterbody ID and Name:	GB105032045140	Ise	
National Grid Reference:	SP 90563 68514		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032050383		

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	Good	Good	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R5	Surveillance site: No
Waterbody ID and Name:	GB105032045160	Slade Brook
National Grid Reference:	SP 87126 76425	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105032045140	

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)	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	

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 vegetation control technique	In Place
Selective vegetation control regime	In Place
Educate landowners on sensitive management practices (urbanisation)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	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
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
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
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
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Waterbody Category and Map Code.:	River - R6	Surveillance site:	No
Waterbody ID and Name:	GB105032045200	Ise	
National Grid Reference:	SP 79154 81835		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	Yes		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045140		

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	Good	Good	
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

Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105032045230	Harpers Brook	
National Grid Reference:	SP 95801 82840		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032050381		

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	

Supporting elements

Element	Current status (and certainty of less than good)	Predicted 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	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current status (and certainty of 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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R8	Surveillance site:	No
Waterbody ID and Name:	GB105032045300	Nene	
National Grid Reference:	SP 62266 59378		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032045320		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current status (and certainty of 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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R9	Surveillance site:	No
Waterbody ID and Name:	GB105032045310	Nene	
National Grid Reference:	SP 57287 59378		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045300		

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

Waterbody Category and Map Code.:	River - R10	Surveillance site:	No
Waterbody ID and Name:	GB105032045320	Nene	
National Grid Reference:	SP 67334 58812		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032045050		

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	Bad (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	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	

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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	

Waterbody Category and Map Code.:	River - R11	Surveillance site:	No
Waterbody ID and Name:	GB105032045370	Whilton Branch	
National Grid Reference:	SP 62210 65612		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105032045340		

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	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Waterbody Category and Map Code.:	River - R12	Surveillance site:	No
Waterbody ID and Name:	GB105032045390	Brampton Branch	
National Grid Reference:	SP 74531 62898		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032045050		

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	

Supporting elements

Element	Current status (and certainty of less than good)	Predicted 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	
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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R13	Surveillance site:	No
Waterbody ID and Name:	GB105032045450	Brampton Branch	
National Grid Reference:	SP 73482 69471		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045390		

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)	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	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

Waterbody Category and Map Code.:	River - R14	Surveillance site:	No
Waterbody ID and Name:	GB105032045480	Whilton Branch	
National Grid Reference:	SP 62472 69040		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045370		

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	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

Waterbody Category and Map Code.:	River - R15	Surveillance site:	No
Waterbody ID and Name:	GB105032045540	Brampton Branch	
National Grid Reference:	SP 74737 74630		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045450		

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 (B2j, INNS2a, 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	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

Waterbody Category and Map Code.:	River - R16	Surveillance site:	No
Waterbody ID and Name:	GB105032045550	Wootton Brook	
National Grid Reference:	SP 74325 56905		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045570		

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

Waterbody Category and Map Code.:	River - R17	Surveillance site:	No
Waterbody ID and Name:	GB105032045570	Wootton Brook	
National Grid Reference:	SP 72167 58818		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032045320		

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	Good	Good	
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	

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R18	Surveillance site:	No
Waterbody ID and Name:	GB105032045590	Northern Stream	
National Grid Reference:	SP 92539 91763		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105032050290		

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	Technically infeasible (A2b)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Moderate (Very Certain)	Moderate	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	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)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R19	Surveillance site:	No
Waterbody ID and Name:	GB105032050383	Nene	
National Grid Reference:	SP 96609 72316		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105032050381		

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)	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	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	

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
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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	

Waterbody Category and Map Code.:	River - R20	Surveillance site:	No
Waterbody ID and Name:	GB105032050290	Willow Brook	
National Grid Reference:	TL 03680 93958		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032050381		

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)	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

Waterbody Category and Map Code.:	River - R21	Surveillance site: No
Waterbody ID and Name:	GB105032050310 Lutton Leam	
National Grid Reference:	TF 46796 25976	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503311300	

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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R22	Surveillance site: No
Waterbody ID and Name:	GB105032050330 Billing Brook	
National Grid Reference:	TL 11712 94854	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105032050381	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Waterbody Category and Map Code.:	River - R23	Surveillance site:	No
Waterbody ID and Name:	GB105032050390	North Level Main Drain	
National Grid Reference:	TF 43040 15993		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB530503311300		

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	High	High	

Supporting conditions

Element	Current status (and certainty of 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

Waterbody Category and Map Code.:	River - R24	Surveillance site:	No
Waterbody ID and Name:	GB105032050400	South Holland Main Drain	
National Grid Reference:	TF 42871 19675		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB530503311300		

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	Good	Good	
Invertebrates	Moderate (Quite Certain)	Moderate	Not Required (MS)
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	Good	Good	
pH	High	High	
Phosphate	Moderate (Quite 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	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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R25	Surveillance site:	No
Waterbody ID and Name:	GB105032045170	Slade Brook	
National Grid Reference:	SP 83488 80588		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105032045160		

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)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	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	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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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

Waterbody Category and Map Code.:	River - R26	Surveillance site:	No
Waterbody ID and Name:	GB105032045120	Hog Dyke	
National Grid Reference:	SP 99416 72462		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105032050383		

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 (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) 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	

Waterbody Category and Map Code.:	River - R27	Surveillance site:	No
Waterbody ID and Name:	GB105032050381	Nene	
National Grid Reference:	TL 15899 97206		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032050382		

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	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)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	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	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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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

Waterbody Category and Map Code.:	River - R28	Surveillance site:	No
Waterbody ID and Name:	GB105032045340	Whilton Branch	
National Grid Reference:	SP 63207 61064		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105032045320		

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)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	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 (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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
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
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R29	Surveillance site: No
Waterbody ID and Name:	GB105032045580	Southern Stream
National Grid Reference:	SP 88529 88117	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Urbanisation	
Downstream Waterbody ID:	GB105032050290	

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	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	Poor (Very Certain)	Poor	
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	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)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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	

Waterbody Category and Map Code.:	River - R30	Surveillance site:	No
Waterbody ID and Name:	GB105032045030	Castle Ashby Arm (Grendon Brook)	
National Grid Reference:	SP 85495 59221		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105032045330		

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)	Poor	Disproportionately expensive (P1a)
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	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.	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.	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R31	Surveillance site: No
Waterbody ID and Name:	GB105032045040	Grendon Brook
National Grid Reference:	SP 88510 60658	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105032045330	

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)	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	

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R32	Surveillance site:	No
Waterbody ID and Name:	GB105032045060	Knuston Brook	
National Grid Reference:	SP 93128 66309		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032050383		

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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

Does not require assessment

Waterbody Category and Map Code.:	River - R33	Surveillance site:	No
Waterbody ID and Name:	GB105032045090	Chelveston Brook	
National Grid Reference:	SP 96317 70022		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105032050383		

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	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	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current status (and certainty of 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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R34	Surveillance site: No
Waterbody ID and Name:	GB105032045100	Hardwick Brook
National Grid Reference:	SP 87411 72880	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032045140	

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	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

Waterbody Category and Map Code.:	River - R35	Surveillance site: No
Waterbody ID and Name:	GB105032045110 Pytchley Brook	
National Grid Reference:	SP 86578 74301	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032045140	

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	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

Waterbody Category and Map Code.:	River - R36	Surveillance site: No
Waterbody ID and Name:	GB105032045130	Addington Brook
National Grid Reference:	SP 94966 73633	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050383	

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

Waterbody Category and Map Code.:	River - R37	Surveillance site: No
Waterbody ID and Name:	GB105032045150	Loddington Arm (Ise)
National Grid Reference:	SP 84983 78659	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105032045160	

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)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	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

Mitigation Measure	Status
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.	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R38	Surveillance site: No
Waterbody ID and Name:	GB105032045180 Alledge Brook	
National Grid Reference:	SP 97508 77671	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050383	

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

Waterbody Category and Map Code.:	River - R39	Surveillance site:	No
Waterbody ID and Name:	GB105032045190	Thorpe Waterville Brook	
National Grid Reference:	TL 03203 80807		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032050381		

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

Waterbody Category and Map Code.:	River - R40	Surveillance site: No
Waterbody ID and Name:	GB105032045210	Barnwell Brook
National Grid Reference:	TL 04820 85154	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050381	

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

Waterbody Category and Map Code.:	River - R41	Surveillance site: No
Waterbody ID and Name:	GB105032045240 Lyveden Brook	
National Grid Reference:	TL 02547 88119	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050381	

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

Waterbody Category and Map Code.:	River - R42	Surveillance site: No
Waterbody ID and Name:	GB105032045250	Glaphorn Brook
National Grid Reference:	TL 01312 90152	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050381	

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

Waterbody Category and Map Code.:	River - R43	Surveillance site: No
Waterbody ID and Name:	GB105032045270	Stonepit Dyke
National Grid Reference:	TL 01995 93721	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050381	

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

Waterbody Category and Map Code.:	River - R44	Surveillance site:	No
Waterbody ID and Name:	GB105032045280	Bugbrooke	
National Grid Reference:	SP 67102 57874		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045320		

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	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

Waterbody Category and Map Code.:	River - R45	Surveillance site:	No
Waterbody ID and Name:	GB105032045290	Everdon Brook	
National Grid Reference:	SP 59748 56763		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045300		

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	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

Waterbody Category and Map Code.:	River - R46	Surveillance site: No
Waterbody ID and Name:	GB105032045330	Wollaston Brook
National Grid Reference:	SP 87771 62738	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105032045050	

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)	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	

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R47	Surveillance site:	No
Waterbody ID and Name:	GB105032045350	Watford Arm of the Whilton Branch of the R. Nene	
National Grid Reference:	SP 61124 65668		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105032045370		

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	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 (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	

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R48	Surveillance site:	No
Waterbody ID and Name:	GB105032045380	Church Brampton Arm	
National Grid Reference:	SP 72677 64370		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032045390		

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	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	

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Waterbody Category and Map Code.:	River - R49	Surveillance site:	No
Waterbody ID and Name:	GB105032045400	Tributary of Whilton Branch	
National Grid Reference:	SP 62867 65391		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045340		

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

Waterbody Category and Map Code.:	River - R50	Surveillance site:	No
Waterbody ID and Name:	GB105032045410	Malton Arm of the Brampton Branch	
National Grid Reference:	SP 74227 66367		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045390		

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

Waterbody Category and Map Code.:	River - R51	Surveillance site: No
Waterbody ID and Name:	GB105032045420	Billing Brook (Northampton)
National Grid Reference:	SP 80051 62912	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Urbanisation	
Downstream Waterbody ID:	GB105032045050	

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)	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	

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
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
Educate landowners on sensitive management practices (urbanisation)	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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

Waterbody Category and Map Code.:	River - R52	Surveillance site: No
Waterbody ID and Name:	GB105032045430 Sywell Brook	
National Grid Reference:	SP 84378 63602	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105032045050	

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)	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	

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	Not In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	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
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Waterbody Category and Map Code.:	River - R53	Surveillance site:	No
Waterbody ID and Name:	GB105032045460	Grove Farm Feeder Stream	
National Grid Reference:	SP 57571 69377		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032045350		

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 (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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Waterbody Category and Map Code.:	River - R54	Surveillance site:	No
Waterbody ID and Name:	GB105032045470	Pitsford Arm of the Brampton Branch	
National Grid Reference:	SP 75863 69391		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032045390		

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	
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	Not 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
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
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Waterbody Category and Map Code.:	River - R55	Surveillance site:	No
Waterbody ID and Name:	GB105032045490	Ravensthopre arm of Spratton Brook	
National Grid Reference:	SP 68492 70119		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105032045440		

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	

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 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
Isoproturon	High	High	

Waterbody Category and Map Code.:	River - R56	Surveillance site: No
Waterbody ID and Name:	GB105032045520	Scaldwell Stream
National Grid Reference:	SP 77553 72275	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032045470	

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

Waterbody Category and Map Code.:	River - R57	Surveillance site:	No
Waterbody ID and Name:	GB105032045530	Cottesbrooke Brook	
National Grid Reference:	SP 71717 72300		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045450		

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	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

Waterbody Category and Map Code.:	River - R58	Surveillance site:	No
Waterbody ID and Name:	GB105032045560	Kislingbury Arm of Wootton Brook	
National Grid Reference:	SP 70233 58156		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105032045570		

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)	Bad (Very Certain)	Bad	Technically infeasible (A2a)
pH	High	High	
Phosphate	High	High	
Arsenic	High	High	
Copper	High	High	
Cyanide	High	High	
Iron	High	High	
Zinc	High	High	
Ammonia (Annex 8)	Bad (Very Certain)	Bad	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

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	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	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	

Waterbody Category and Map Code.:	River - R59	Surveillance site: Yes
Waterbody ID and Name:	GB105032050382	Mortons Leam
National Grid Reference:	TL 25427 98332	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503311300	

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	Good	Good	
Invertebrates	Moderate (Quite Certain)	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)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Cyanide	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
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

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

Waterbody Category and Map Code.:	River - R60	Surveillance site:	No
Waterbody ID and Name:	GB105032050340	Stanground Lode	
National Grid Reference:	TL 19112 94691		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105032050381		

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 elements

Element	Current 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	
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 (M3a)

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	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	

Waterbody Category and Map Code.:	River - R61	Surveillance site: No
Waterbody ID and Name:	GB105032050350 Wittering Brook	
National Grid Reference:	TL 08865 99844	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050381	

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

Waterbody Category and Map Code.:	River - R62	Surveillance site: No
Waterbody ID and Name:	GB105032050360 Wittering Brook	
National Grid Reference:	TF 07065 00607	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050350	

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 conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R63	Surveillance site: No
Waterbody ID and Name:	GB105032050370	Southorpe Brook
National Grid Reference:	TF 06379 03051	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050350	

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

Waterbody Category and Map Code.:	River - R64	Surveillance site:	No
Waterbody ID and Name:	GB105032045360	Welton Village Trib, Whilton branch of R. Nene	
National Grid Reference:	SP 58327 65336		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105032045350		

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)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	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

Mitigation Measure	Status
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.	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R65	Surveillance site: No
Waterbody ID and Name:	GB105032045220	Stoke Doyle Brook
National Grid Reference:	TL 01849 85803	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050381	

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

Waterbody Category and Map Code.:	River - R66	Surveillance site: No
Waterbody ID and Name:	GB105032045510	Hollowell Arm of Spratton Brook
National Grid Reference:	SP 69094 72614	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105032045440	

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	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
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) Does not require assessment

Waterbody Category and Map Code.:	River - R67	Surveillance site: No
Waterbody ID and Name:	GB105032045500 Walgrove Stream	
National Grid Reference:	SP 78448 71335	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032045470	

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

Waterbody Category and Map Code.:	River - R68	Surveillance site:	No
Waterbody ID and Name:	GB105032045440	Holdenby Arm of Spratton Brook	
National Grid Reference:	SP 71417 68307		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105032045390		

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	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	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.	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.	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R69	Surveillance site: No
Waterbody ID and Name:	GB105032045260 Southwick Brook	
National Grid Reference:	TL 02900 92266	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105032050381	

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

Waterbody Category and Map Code.:	Lake - L1	Surveillance site:	No
Waterbody ID and Name:	GB30537913	Thrapston Lake	
National Grid Reference:	SP 99891 79684		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Recreation		
Downstream Waterbody ID:			

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
Macrophytes	Moderate (Quite Certain)	Moderate	Not Required (MS)
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
Dissolved Oxygen	Good	Good	
Total Phosphorus	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Copper	High	High	
Zinc	High	High	

Supporting conditions

Element	Current status (and certainty of 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

Waterbody Category and Map Code.:	Lake - L2	Surveillance site:	No
Waterbody ID and Name:	GB30538132	Hollowell Reservoir	
National Grid Reference:	SP 68758 72900		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:			

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
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
Total Phosphorus	Moderate (Uncertain)	Moderate	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	Moderate	Moderate	Technically infeasible (M3d)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
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.	Not In Place
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.	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Lake - L3	Surveillance site: No
Waterbody ID and Name:	GB30538199	Pitsford Water
National Grid Reference:	SP 78538 70221	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	Yes	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Drinking Water	
Downstream Waterbody ID:		

Ecological Potential

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 (Very Certain)	Moderate	Technically infeasible (B2a)
Phytoplankton	Moderate (Uncertain)	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
Total Phosphorus	Moderate (Quite Certain)	Moderate	Technically infeasible (P2b)

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	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.	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Lake - L4	Surveillance site: No
Waterbody ID and Name:	GB30538230	Ravensthorpe Reservoir
National Grid Reference:	SP 67669 70731	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:		

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
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) Does not require assessment

B.10 North Norfolk river catchment

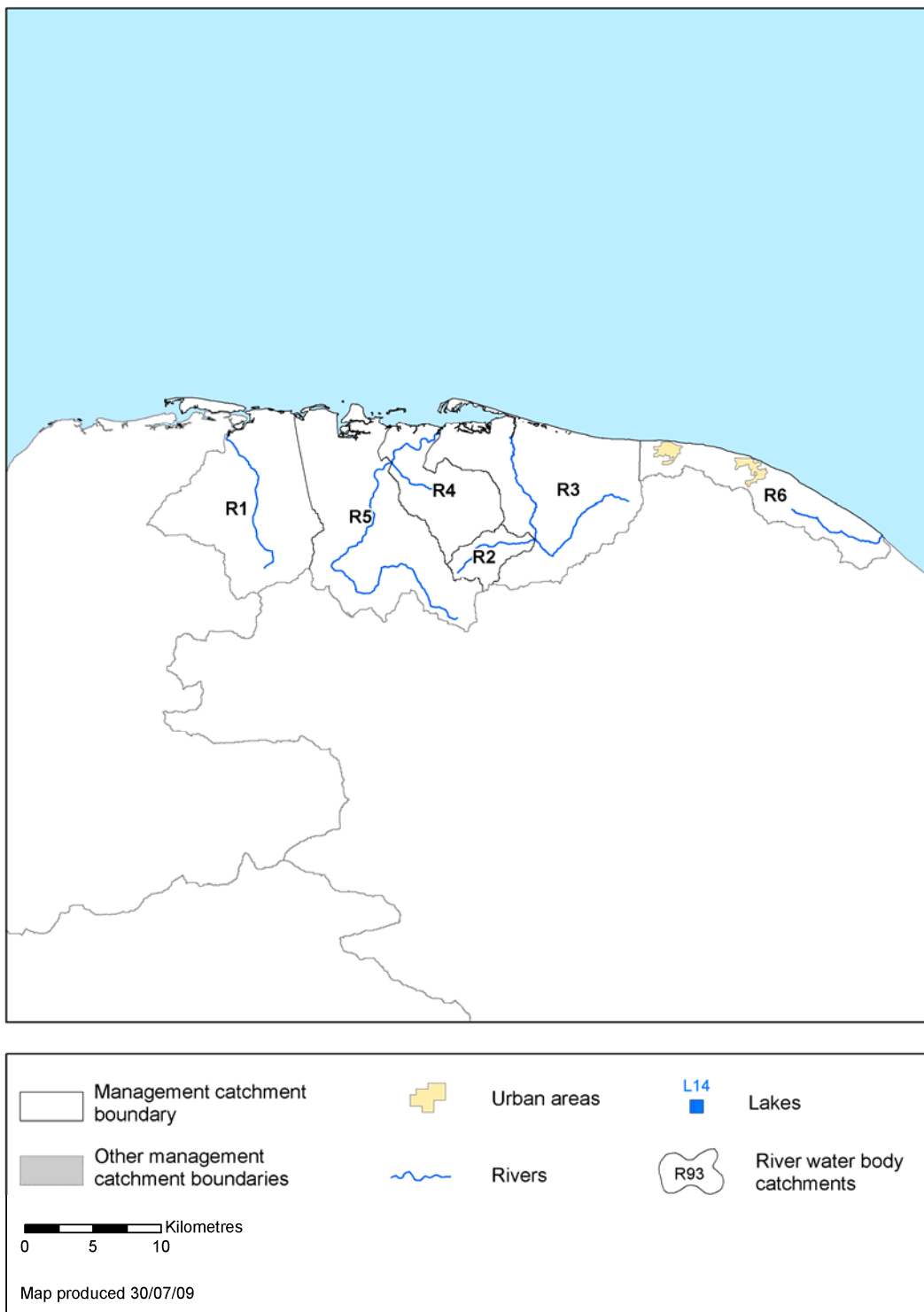
Rivers and Lakes

There are 6 river water bodies (of which 3 are designated as heavily modified) and 0 lake water bodies within the North Norfolk river catchment.

Figure B.10.1 **Status objectives for rivers in the North Norfolk 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	0	0	3	3	3
Heavily modified Water bodies	0	0	3	3	3
Artificial water bodies	0	0	0	0	0

Figure B.10.2 River and lake water bodies in the North Norfolk river catchment



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Water body tables for rivers and lakes in the North Norfolk river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site:	No
Waterbody ID and Name:	GB105034055750	Burn	
National Grid Reference:	TF 85628 39168		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB510503403500		

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)	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	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	

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 strategies (develop and revise)	In Place
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
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Set-back embankments	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Increase in-channel morphological diversity	In Place
Preserve and, where possible, restore historic aquatic habitats	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R2	Surveillance site:	No
Waterbody ID and Name:	GB105034055770	Gunthorpe Stream	
National Grid Reference:	TG 02753 35751		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB205034055790		

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)
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

Waterbody Category and Map Code.:	River - R3	Surveillance site: No
Waterbody ID and Name:	GB105034055780 Glaven	
National Grid Reference:	TG 09121 37493	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB520503403600	

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)
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	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

Waterbody Category and Map Code.:	River - R4	Surveillance site:	No
Waterbody ID and Name:	GB105034055830	Binham Tributary	
National Grid Reference:	TF 95688 42672		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Land Drainage		
Downstream Waterbody ID:	GB520503403600		

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	

Supporting elements

Element	Current status (and 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)	Good	
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	

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)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R5	Surveillance site: Yes
Waterbody ID and Name:	GB105034055840 Stiffkey	
National Grid Reference:	TF 92441 33334	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Freshwater Fish Directive, Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB205034055790	

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	High	High	
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	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

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

Waterbody Category and Map Code.:	River - R6	Surveillance site:	No
Waterbody ID and Name:	GB105034055900	Mun	
National Grid Reference:	TG 28340 36774		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB650503520003		

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	Good	Good	
Temperature	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

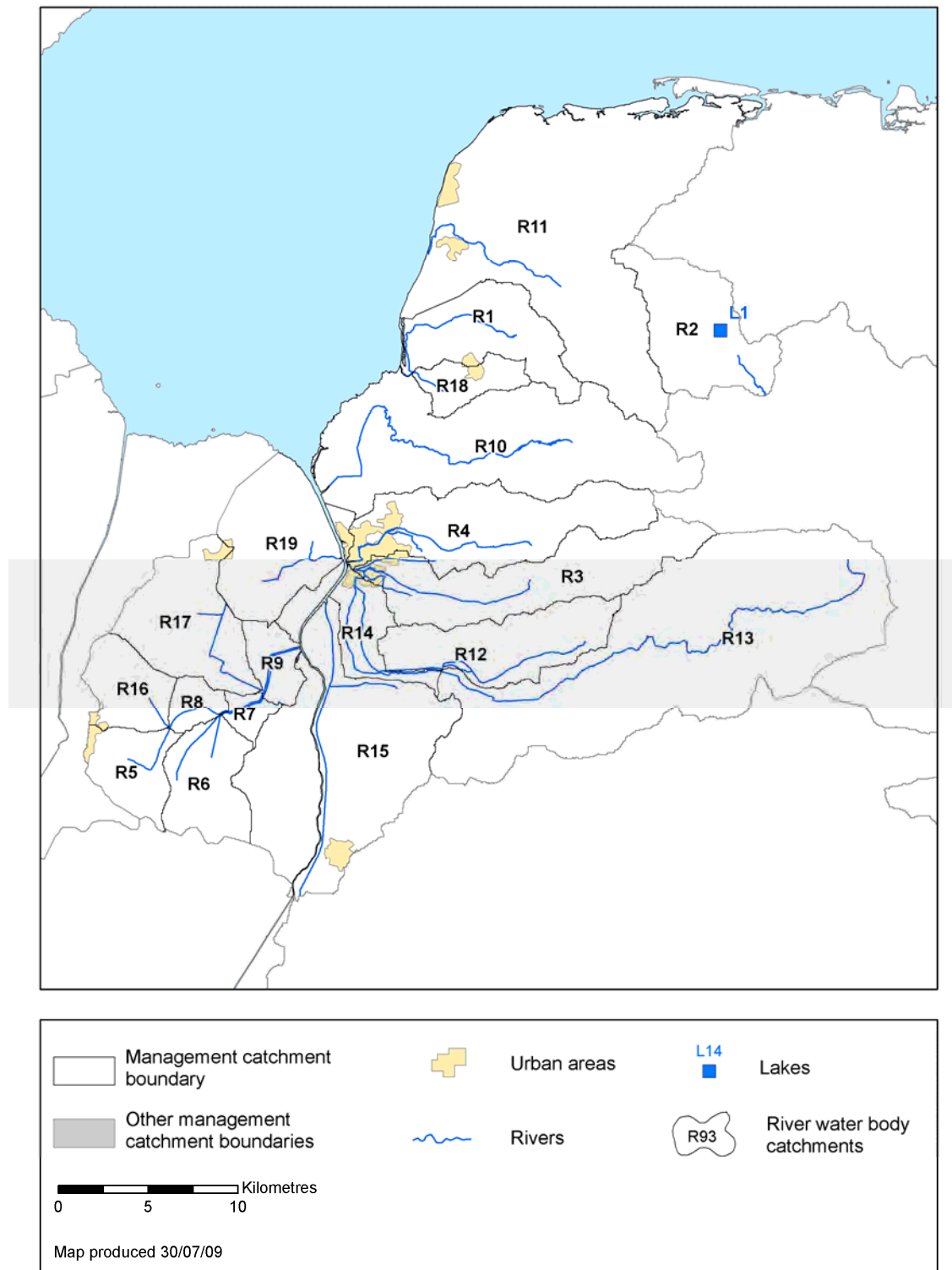
Rivers and Lakes

There are 19 river water bodies (of which 7 are designated as heavily modified and 8 artificial) and 1 lake water bodies (of which 0 are designated as heavily modified or artificial) within the North West Norfolk river catchment.

Figure B.11.1 **Status objectives for rivers and lakes in the North West Norfolk 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	4	1	4
Lakes	0	0	1	1	1
Heavily modified Water bodies	0	0	7	7	7
Artificial water bodies	0	0	8	8	8

Figure B.11.2 River and lake water bodies in the North West Norfolk river catchment



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Water body tables for rivers and lakes in the North West Norfolk river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site:	No
Waterbody ID and Name:	GB105033053470	Ingol	
National Grid Reference:	TF 66636 32702		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB530503311300		

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	Technically infeasible (B2a)
Invertebrates	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	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	

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 strategies (develop and revise)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R2	Surveillance site:	No
Waterbody ID and Name:	GB105034055870	Tat	
National Grid Reference:	TF 84404 29965		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105034051140		

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	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	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
Sediment management strategies (develop and revise)	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R3	Surveillance site: No
Waterbody ID and Name:	GB105033047670	Mintlyn Stream
National Grid Reference:	TF 67901 17529	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Urbanisation, Water Storage - non-specific	
Downstream Waterbody ID:	GB530503300300	

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	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)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	High	High	
Temperature	High	High	
Iron	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)
Ammonia (Annex 8)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)

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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R4	Surveillance site:	No
Waterbody ID and Name:	GB105033047680	Gaywood River	
National Grid Reference:	TF 68221 20649		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB530503300300		

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	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

Waterbody Category and Map Code.:	River - R5	Surveillance site:	No
Waterbody ID and Name:	GB105033047720	Smeeth Lode	
National Grid Reference:	TF 51046 08507		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033047740		

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	Poor (Uncertain)	Poor	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

Mitigation Measure	Status
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R6	Surveillance site: No
Waterbody ID and Name:	GB105033047730 Mill Basin	
National Grid Reference:	TF 53889 10254	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105033047740	

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	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)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1c)
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

Mitigation Measure	Status
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105033047740	Smeeth Lode	
National Grid Reference:	TF 56931 11899		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033047910		

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	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1c)
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

Mitigation Measure	Status
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R8	Surveillance site:	No
Waterbody ID and Name:	GB105033047750	Smeeth Lode	
National Grid Reference:	TF 54444 11100		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033047740		

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	Poor (Uncertain)	Poor	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

Mitigation Measure	Status
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R9	Surveillance site:	No
Waterbody ID and Name:	GB105033047910	Smeeth Lode	
National Grid Reference:	TF 57290 13418		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB530503300300		

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)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
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

Mitigation Measure	Status
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R10	Surveillance site:	No
Waterbody ID and Name:	GB105033047620	Babingley River	
National Grid Reference:	TF 64426 26805		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB530503311300		

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)	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	

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 strategies (develop and revise)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R11	Surveillance site: No
Waterbody ID and Name:	GB105033053480	Heacham River
National Grid Reference:	TF 69396 37182	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB640523160000	

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	

Supporting conditions

Element	Current status (and certainty of 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 strategies (develop and revise)	In Place
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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R12	Surveillance site:	No
Waterbody ID and Name:	GB105033047770	Country Drain	
National Grid Reference:	TF 71683 14202		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047790		

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

Waterbody Category and Map Code.:	River - R13	Surveillance site:	No
Waterbody ID and Name:	GB105033047791	Nar to confl with Blackborough Drain	
National Grid Reference:	TF 80271 15129		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033047792		

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	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	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	High	High	
2,4-dichlorophenol	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 (M1g)

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R14	Surveillance site:	No
Waterbody ID and Name:	GB105033047792	Nar DS Blackborough Drain	
National Grid Reference:	TF 62234 13624		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB530503300300		

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) 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)	Good	Good	
Dissolved Oxygen	Good	Good	
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)
Morphology	Supports Good	Supports Good	

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R15	Surveillance site: No
Waterbody ID and Name:	GB105033047660	Relief Channel
National Grid Reference:	TF 60472 06115	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB530503300300	

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	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	Poor (Very Certain)	Poor	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

Waterbody Category and Map Code.:	River - R16	Surveillance site:	No
Waterbody ID and Name:	GB105033047760	Smeeth Lode	
National Grid Reference:	TF 51174 11134		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033047740		

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	Poor (Uncertain)	Poor	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

Mitigation Measure	Status
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R17	Surveillance site:	No
Waterbody ID and Name:	GB105033047780	Smeeth Lode	
National Grid Reference:	TF 54833 14018		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033047910		

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	Poor (Uncertain)	Poor	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

Mitigation Measure	Status
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R18	Surveillance site: No
Waterbody ID and Name:	GB105033047800	Boat House Creek
National Grid Reference:	TF 66333 29697	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB530503311300	

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

Waterbody Category and Map Code.:	River - R19	Surveillance site:	No
Waterbody ID and Name:	GB105033047900	West Lynn Drain	
National Grid Reference:	TF 58121 19326		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB530503300300		

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	In Place
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
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
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
Remove obsolete structure	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Lake - L1	Surveillance site: No
Waterbody ID and Name:	GB30547028	Syderstone Common
National Grid Reference:	TF 82570 32630	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Not Designated	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:		

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.12 Old Bedford Including the Middle Level river catchment

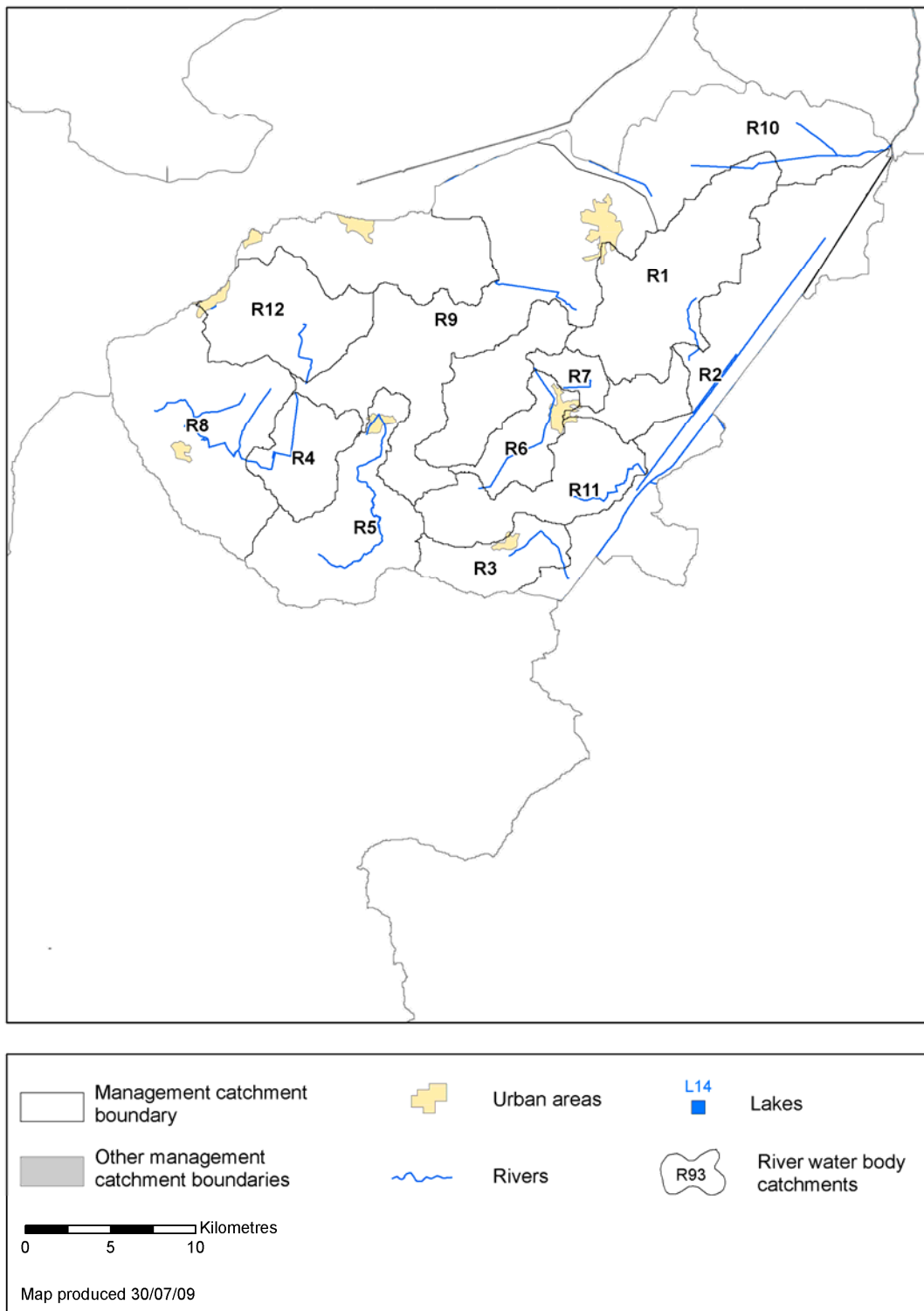
Rivers and Lakes

There are 12 river water bodies (of which 1 is designated as heavily modified and 9 artificial) and 0 lake water bodies within the Old Bedford Including the Middle Level river catchment.

Figure B.12.1 **Status objectives for rivers and lakes in the Old Bedford Including the Middle Level 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	2	0	2
Heavily modified Water bodies	0	0	1	1	1
Artificial water bodies	1	1	9	8	9

Figure B.12.2 River and lake water bodies in the Old Bedford Including the Middle Level river catchment



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Water body tables for rivers and lakes in the Old Bedford Including the Middle Level river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site:	No
Waterbody ID and Name:	GB105033047700	Well Creek	
National Grid Reference:	TF 51134 00550		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033047710		

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)	Good	Good	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
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	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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R2	Surveillance site:	No
Waterbody ID and Name:	GB105033047922	Counter Drain	
National Grid Reference:	TL 49255 88702		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Flood Protection, Water Storage - non-specific		
Downstream Waterbody ID:	GB530503300300		

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	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
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	Moderate	Moderate	Technically infeasible (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	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

Waterbody Category and Map Code.:	River - R3	Surveillance site:	No
Waterbody ID and Name:	GB105033042880	Cranbrook Drain	
National Grid Reference:	TL 38386 78482		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033047922		

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	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)	Good	Good	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Bad (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	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) Does not require assessment

Waterbody Category and Map Code.:	River - R4	Surveillance site:	No
Waterbody ID and Name:	GB105033043130	Great Raveley Drain	
National Grid Reference:	TL 23465 84664		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033043170		

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	

Supporting elements

Element	Current status (and 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)	Moderate	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Moderate (Quite Certain)	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	

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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R5	Surveillance site: No
Waterbody ID and Name:	GB105033043140	High Lode
National Grid Reference:	TL 28102 80719	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Navigation	
Downstream Waterbody ID:	GB105033047710	

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	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	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
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)	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 (M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	In Place
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Bank rehabilitation / reprofiling	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Reduce sediment resuspension	Not In Place
Alter timing of dredging / disposal	Not In Place
Sediment management	Not In Place
Increase in-channel morphological diversity	Not In Place
Manage disturbance	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R6	Surveillance site:	No
Waterbody ID and Name:	GB105033043150	Twenty Foot Drain	
National Grid Reference:	TL 38090 84086		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033043160		

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)	Poor (Very Certain)	Good	
Dissolved Oxygen	Bad (Very Certain)	Moderate	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Poor (Very 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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105033043160	Forty Foot Drain	
National Grid Reference:	TL 40356 87329		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033042910		

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	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)	Poor (Uncertain)	Poor	Disproportionately expensive (A1a)
Dissolved Oxygen	Bad (Quite Certain)	Bad	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Iron	High	High	
Ammonia (Annex 8)	Poor (Uncertain)	Poor	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
Sediment management strategies (develop and revise)	In Place
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R8	Surveillance site:	No
Waterbody ID and Name:	GB105033043170	New Dyke	
National Grid Reference:	TL 17774 85563		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033043200		

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)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
Iron	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

Waterbody Category and Map Code.:	River - R9	Surveillance site: Yes
Waterbody ID and Name:	GB105033047711	Floods Drain
National Grid Reference:	TL 38099 93055	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105033047712	

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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1c)
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	

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 (M1b)

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R10	Surveillance site: Yes
Waterbody ID and Name:	GB105033047712 Well Creek	
National Grid Reference:	TF 55426 01034	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503300300	

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	High	High	
Invertebrates	High	High	
Phytobenthos	Moderate (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)	Good	Good	
Dissolved Oxygen	Moderate (Quite Certain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	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	

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 (M1b)

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
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	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
para - para DDT	High	High	

Waterbody Category and Map Code.:	River - R11	Surveillance site: No
Waterbody ID and Name:	GB105033042890	Crooked Drain
National Grid Reference:	TL 42511 81152	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Flood Protection, Land Drainage	
Downstream Waterbody ID:	GB105033047922	

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

Waterbody Category and Map Code.:	River - R12	Surveillance site:	No
Waterbody ID and Name:	GB105033043200	Old Course River Nene	
National Grid Reference:	TL 23759 89149		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047690		

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)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
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.13 Upper & Bedford Ouse river catchment

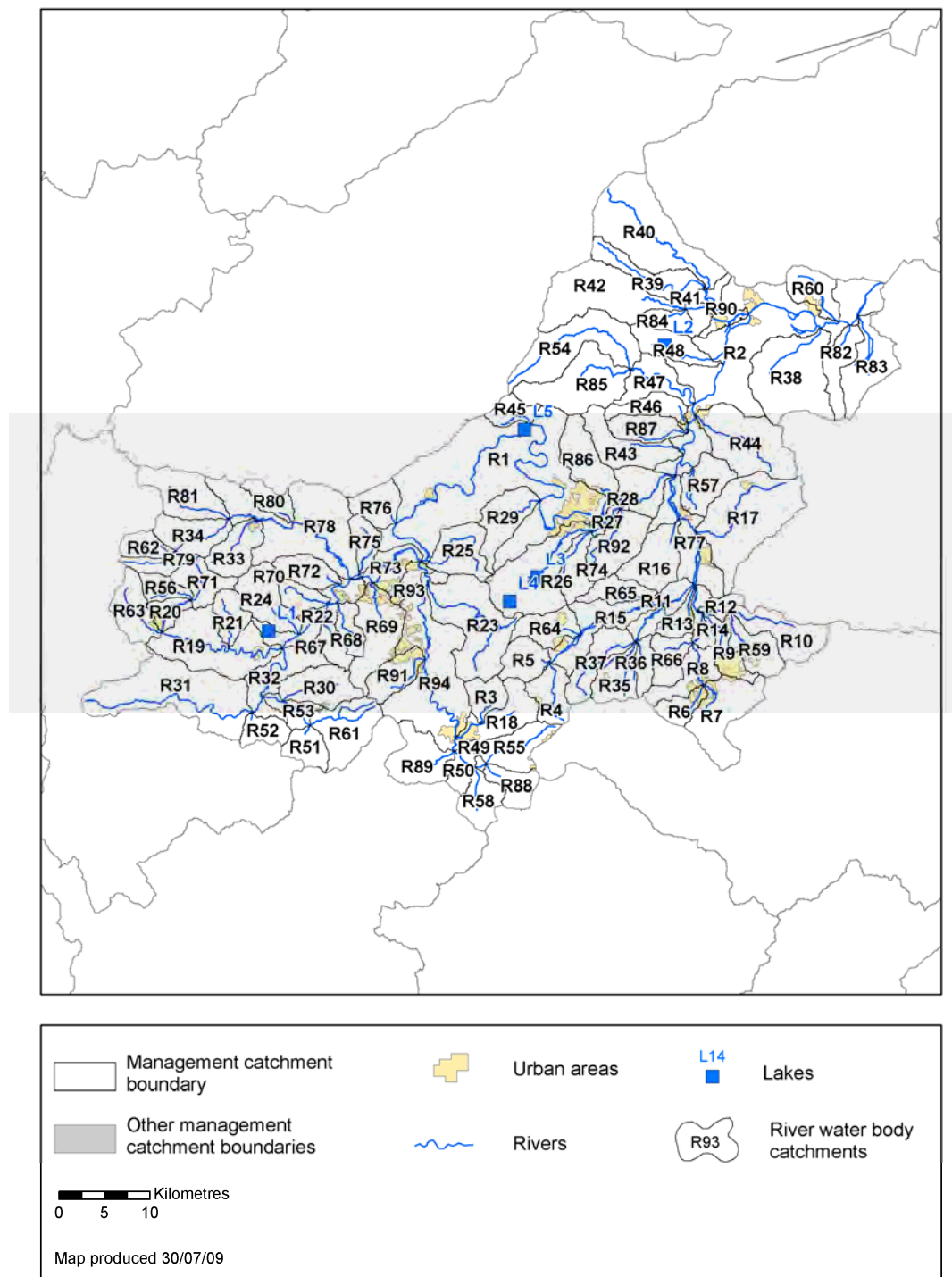
Rivers and Lakes

There are 94 river water bodies (of which 80 are designated as heavily modified and 2 artificial) and 5 lake water bodies (of which 4 are designated as heavily modified and 1 artificial) within the Upper & Bedford Ouse river catchment.

Figure B.13.1 **Status objectives for rivers and lakes in the Upper & Bedford Ouse 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	7	7	12	5	12
Lakes	0	0	0	0	0
Heavily modified Water bodies	20	20	81	61	81
Artificial water bodies	2	2	6	4	6

Figure B.13.2 River and lake water bodies in the Upper & Bedford Ouse river catchment



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Water body tables for rivers and lakes in the Upper & Bedford Ouse river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site:	No
Waterbody ID and Name:	GB105033047923	Ouse	
National Grid Reference:	TL 03557 51283		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Navigation, Urbanisation		
Downstream Waterbody ID:	GB105033047921		

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	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
2,4-dichlorophenoxyacetic acid	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
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate vegetation control technique	In Place
Appropriate techniques (invasive species)	In Place
Selective vegetation control regime	In Place
Sediment management strategies (develop and revise)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Increase in-channel morphological diversity	Not In Place
Reduce sediment resuspension	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Alter timing of dredging / disposal	Not In Place
Sediment management	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Manage disturbance	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	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
1,2-dichloroethane	High	High	
Atrazine	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	
Simazine	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
DDT Total	High	High	
para - para DDT	High	High	

Waterbody Category and Map Code.:	River - R2	Surveillance site:	No
Waterbody ID and Name:	GB105033047921	Ouse	
National Grid Reference:	TL 36040 70967		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Navigation		
Downstream Waterbody ID:	GB105033047922		

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	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	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
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, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Appropriate vegetation control technique	In Place
Appropriate techniques (invasive species)	In Place
Selective vegetation control regime	In Place
Sediment management strategies (develop and revise)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Increase in-channel morphological diversity	Not In Place
Reduce sediment resuspension	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Alter timing of dredging / disposal	Not In Place
Sediment management	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Manage disturbance	Not In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	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
1,2-dichloroethane	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	
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	

Waterbody Category and Map Code.:	River - R3	Surveillance site: No
Waterbody ID and Name:	GB105033037630	Clipstone Brook Tributary
National Grid Reference:	SP 94764 27446	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:	GB105033037970	

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	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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R4	Surveillance site: Yes
Waterbody ID and Name:	GB105033037640 River Flit	
National Grid Reference:	TL 02578 30492	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:	GB105033037790	

Ecological Potential

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
Fish	Poor (Quite Certain)	Poor	Not Required (MS)
Invertebrates	Good	Good	
Macrophytes	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	Technically infeasible (P2b)
Temperature	High	High	
Arsenic	High	High	
Copper	High	High	
Iron	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	Good	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	
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Simazine	High	High	
Tributyltin Compounds	High	High	
Trichlorobenzenes	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
Carbon Tetrachloride	High	High	
DDT Total	High	High	
para - para DDT	High	High	

Waterbody Category and Map Code.:	River - R5	Surveillance site:	No
Waterbody ID and Name:	GB105033037650	Flit	
National Grid Reference:	TL 01715 32916		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033037790		

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)	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

Waterbody Category and Map Code.:	River - R6	Surveillance site:	No
Waterbody ID and Name:	GB105033037680	Hiz	
National Grid Reference:	TL 18444 28853		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation, Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105033037700		

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	Good	Good	
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	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
Sediment management strategies (develop and revise)	In Place
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
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
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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105033037690	Purwell	
National Grid Reference:	TL 19600 28205		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105033037700		

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)	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)

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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R8	Surveillance site:	No
Waterbody ID and Name:	GB105033037700	Hiz	
National Grid Reference:	TL 18629 33354		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Water Regulation (strategic transfer)		
Downstream Waterbody ID:	GB105033037780		

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	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	Moderate (Very Certain)	Good	
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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R9	Surveillance site:	No
Waterbody ID and Name:	GB105033037730	Pix Brook	
National Grid Reference:	TL 21256 36042		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037780		

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)	Good	Good	
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)	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)	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	

Waterbody Category and Map Code.:	River - R10	Surveillance site: No
Waterbody ID and Name:	GB105033037740 Cat Ditch	
National Grid Reference:	TL 25444 37720	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:	GB105033037760	

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	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	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	

Chemical Status

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

Waterbody Category and Map Code.:	River - R11	Surveillance site: No
Waterbody ID and Name:	GB105033037750	Campton Brook
National Grid Reference:	TL 12332 36729	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:	GB105033037790	

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	Bad (Very Certain)	Bad	Not Required (MS)
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	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	

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

Waterbody Category and Map Code.:	River - R12	Surveillance site:	No
Waterbody ID and Name:	GB105033037760	level	
National Grid Reference:	TL 20254 38378		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037780		

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
Invertebrates	Good	Good	
Phytobenthos	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	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

Waterbody Category and Map Code.:	River - R13	Surveillance site:	No
Waterbody ID and Name:	GB105033037770	Henlow Brook	
National Grid Reference:	TL 17541 38109		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033038170		

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 (Quite Certain)	Moderate	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	
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	Good	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
Lead And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R14	Surveillance site:	No
Waterbody ID and Name:	GB105033037780	lvel	
National Grid Reference:	TL 18705 38311		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033038170		

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	High	High	
Invertebrates	Good	Good	
Phytobenthos	Moderate (Very Certain)	Moderate	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	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	

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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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	

Waterbody Category and Map Code.:	River - R15	Surveillance site: No
Waterbody ID and Name:	GB105033037790	Ivel Navigation
National Grid Reference:	TL 06452 36689	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:	GB105033038170	

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	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 (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	Good	Good	

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R16	Surveillance site:	No
Waterbody ID and Name:	GB105033037800	level	
National Grid Reference:	TL 15821 47521		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033038170		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R17	Surveillance site:	No
Waterbody ID and Name:	GB105033037820	Millbridge-Common Brooks	
National Grid Reference:	TL 24200 51878		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033038170		

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
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)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Bad (Very Certain)	Moderate	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	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	Good	Good	

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R18	Surveillance site:	No
Waterbody ID and Name:	GB105033037830	Clipstone Brook	
National Grid Reference:	SP 95132 26317		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037971		

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
Invertebrates	Poor (Very 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	Good	Good	
Temperature	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	Good	Good	

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R19	Surveillance site:	No
Waterbody ID and Name:	GB105033037860	Ouse	
National Grid Reference:	SP 67075 34242		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033037920		

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	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 (Quite Certain)	Good	
Temperature	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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R20	Surveillance site:	No
Waterbody ID and Name:	GB105033037880	Ouse	
National Grid Reference:	SP 60637 39147		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033037860		

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	
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

Waterbody Category and Map Code.:	River - R21	Surveillance site:	No
Waterbody ID and Name:	GB105033037890	Ouse (Beds)	
National Grid Reference:	SP 66694 37182		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033037860		

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	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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R22	Surveillance site:	No
Waterbody ID and Name:	GB105033037920	Ouse	
National Grid Reference:	SP 78908 41322		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033038000		

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	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	

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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Increase in-channel morphological diversity	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	

Waterbody Category and Map Code.:	River - R23	Surveillance site:	No
Waterbody ID and Name:	GB105033037930	Broughton Brook	
National Grid Reference:	SP 90798 38996		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033037971		

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 (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	High	High	
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) Does not require assessment

Waterbody Category and Map Code.:	River - R24	Surveillance site:	No
Waterbody ID and Name:	GB105033037960	Ouse	
National Grid Reference:	SP 72980 38006		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033037920		

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

Waterbody Category and Map Code.:	River - R25	Surveillance site:	No
Waterbody ID and Name:	GB105033038040	Chicheley Brook	
National Grid Reference:	SP 93165 46713		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047923		

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)	Moderate (Quite Certain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	High	High	
Copper	High	High	
Iron	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	
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	

Waterbody Category and Map Code.:	River - R26	Surveillance site:	No
Waterbody ID and Name:	GB105033038050	Elstow Brook	
National Grid Reference:	TL 01880 43318		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033038110		

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	Moderate (Uncertain)	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	Good	Good	
pH	Moderate (Quite Certain)	Moderate	Disproportionately expensive (PH1a)
Phosphate	Poor (Quite Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Arsenic	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	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
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R27	Surveillance site: No
Waterbody ID and Name:	GB105033038110	Elstow Brook
National Grid Reference:	TL 08646 48643	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033038130	

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	

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

Waterbody Category and Map Code.:	River - R28	Surveillance site:	No
Waterbody ID and Name:	GB105033038130	Elstow Brook	
National Grid Reference:	TL 10451 50230		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033047923		

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	

Supporting elements

Element	Current status (and certainty of less than good)	Predicted 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	

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

Waterbody Category and Map Code.:	River - R29	Surveillance site: No
Waterbody ID and Name:	GB105033038140	Ouse (Beds)
National Grid Reference:	SP 99798 50032	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105033047923	

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

Waterbody Category and Map Code.:	River - R30	Surveillance site:	No
Waterbody ID and Name:	GB105033038200	Horwood Tributary	
National Grid Reference:	SP 75475 29820		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033030580		

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	Moderate (Uncertain)	Moderate	Not Required (MS)
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	

Chemical Status

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

Waterbody Category and Map Code.:	River - R31	Surveillance site:	No
Waterbody ID and Name:	GB105033038210	Padbury Brook (The Twins)	
National Grid Reference:	SP 57773 28583		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033038220		

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)	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	

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R32	Surveillance site: No
Waterbody ID and Name:	GB105033038220	Padbury Brook
National Grid Reference:	SP 72177 32823	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:	GB105033037920	

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 (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	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
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R33	Surveillance site: No
Waterbody ID and Name:	GB105033038250	Silverstone Brook
National Grid Reference:	SP 67409 45865	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Urbanisation	
Downstream Waterbody ID:	GB105033038180	

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)	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	

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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R34	Surveillance site:	No
Waterbody ID and Name:	GB105033038260	Tove	
National Grid Reference:	SP 62555 46160		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033038180		

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)	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

Waterbody Category and Map Code.:	River - R35	Surveillance site:	No
Waterbody ID and Name:	GB105033037500	Barton Brook	
National Grid Reference:	TL 10477 31461		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037750		

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	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	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) 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	

Waterbody Category and Map Code.:	River - R36	Surveillance site:	No
Waterbody ID and Name:	GB105033037510	Hexton Brook	
National Grid Reference:	TL 12083 33238		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037750		

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	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	

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

Waterbody Category and Map Code.:	River - R37	Surveillance site:	No
Waterbody ID and Name:	GB105033037530	Campton Brook	
National Grid Reference:	TL 06307 32178		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037750		

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)	Good	Good	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Quite 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	

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

Waterbody Category and Map Code.:	River - R38	Surveillance site: No
Waterbody ID and Name:	GB105033042730	West Brook
National Grid Reference:	TL 29413 67243	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105033047921	

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
Copper	High	High	
Zinc	High	High	

Supporting conditions

Element	Current status (and certainty of 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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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	

Waterbody Category and Map Code.:	River - R39	Surveillance site:	No
Waterbody ID and Name:	GB105033042810	Cock Brook	
National Grid Reference:	TL 13254 74514		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033042790		

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 (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	

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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R40	Surveillance site:	No
Waterbody ID and Name:	GB105033042820	Alconbury Brook	
National Grid Reference:	TL 13095 80310		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033042790		

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	Disproportionately expensive (DO1a)
Dissolved Oxygen	Bad (Uncertain)	Moderate	
pH	High	High	
Phosphate	Bad (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	

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 strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R41	Surveillance site: No
Waterbody ID and Name:	GB105033042840	Ellington Brook
National Grid Reference:	TL 18600 71979	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105033042790	

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	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	Moderate	Moderate	Technically infeasible (M3a)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R42	Surveillance site:	No
Waterbody ID and Name:	GB105033042870	Ellington Brook	
National Grid Reference:	TL 13651 72717		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033042840		

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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R43	Surveillance site: No
Waterbody ID and Name:	GB105033043230	Begwary Brook
National Grid Reference:	TL 14720 56672	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033047921	

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

Waterbody Category and Map Code.:	River - R44	Surveillance site:	No
Waterbody ID and Name:	GB105033043240	Abbotsley & Hen Brooks	
National Grid Reference:	TL 23143 57769		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105033047921		

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 conditions

Element	Current status (and certainty of 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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R45	Surveillance site:	No
Waterbody ID and Name:	GB105033043250	Sharn Brook	
National Grid Reference:	SP 98520 60135		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033047923		

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
Phytobenthos	Poor (Very Certain)	Poor	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	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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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	

Waterbody Category and Map Code.:	River - R46	Surveillance site: No
Waterbody ID and Name:	GB105033043260 Duloe Brook	
National Grid Reference:	TL 16708 60075	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105033047921	

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

Waterbody Category and Map Code.:	River - R47	Surveillance site:	No
Waterbody ID and Name:	GB105033043270	Kym	
National Grid Reference:	TL 15085 64154		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033047921		

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	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 (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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R48	Surveillance site:	No
Waterbody ID and Name:	GB105033043310	Diddington Brook	
National Grid Reference:	TL 17247 66849		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047921		

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 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	

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
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.	In Place
Enable access to relevant feeder-streams draining into the reservoir at appropriate times for spawning and migration.	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
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

Waterbody Category and Map Code.:	River - R49	Surveillance site:	No
Waterbody ID and Name:	GB105033030510	Ouzel	
National Grid Reference:	SP 94535 21307		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033030520		

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	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	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	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	

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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R50	Surveillance site: No
Waterbody ID and Name:	GB105033030520 Ouzel	
National Grid Reference:	SP 92547 22064	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105033037971	

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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R51	Surveillance site:	No
Waterbody ID and Name:	GB105033030550	Twin	
National Grid Reference:	SP 75439 25387		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033030580		

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 elements

Element	Current status (and 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

Waterbody Category and Map Code.:	River - R52	Surveillance site:	No
Waterbody ID and Name:	GB105033030560	Twin	
National Grid Reference:	SP 69248 27149		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033038220		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R53	Surveillance site: No
Waterbody ID and Name:	GB105033030580	Claydon Brook
National Grid Reference:	SP 73418 28146	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:	GB105033038220	

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)	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	

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

Waterbody Category and Map Code.:	River - R54	Surveillance site:	No
Waterbody ID and Name:	GB105033042980	Kym	
National Grid Reference:	TL 05078 69114		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043270		

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 (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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R55	Surveillance site: Yes
Waterbody ID and Name:	GB105033030530 Ouzel Brook	
National Grid Reference:	TL 00589 24577	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033030510	

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	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	High	High	
Mecoprop	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) 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	
Tetrachloroethylene	High	High	

Waterbody Category and Map Code.:	River - R56	Surveillance site: No
Waterbody ID and Name:	GB105033037940	Radstone Brook
National Grid Reference:	SP 61483 40340	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105033037880	

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	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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R57	Surveillance site: No
Waterbody ID and Name:	GB105033038190	Stone Brook
National Grid Reference:	TL 17446 52444	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033047921	

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

Waterbody Category and Map Code.:	River - R58	Surveillance site: No
Waterbody ID and Name:	GB105033030490	Whistle Brook
National Grid Reference:	SP 93995 18967	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033030520	

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 (P1a)
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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R59	Surveillance site:	No
Waterbody ID and Name:	GB105033037720	level	
National Grid Reference:	TL 22727 35964		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037760		

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	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	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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R60	Surveillance site: No
Waterbody ID and Name:	GB105033042800	Marley Gap Brook
National Grid Reference:	TL 31309 74889	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105033047921	

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	Bad (Very Certain)	Bad	Technically infeasible (B2a)
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	Poor (Very Certain)	Poor	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Poor (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Copper	High	High	
Iron	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
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
Increase in-channel morphological diversity	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R61	Surveillance site: No
Waterbody ID and Name:	GB105033030570	Claydon Brook
National Grid Reference:	SP 80299 27581	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:	GB105033030580	

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

Waterbody Category and Map Code.:	River - R62	Surveillance site:	No
Waterbody ID and Name:	GB105033038240	Tove	
National Grid Reference:	SP 59335 45637		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033038260		

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	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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R63	Surveillance site:	No
Waterbody ID and Name:	GB105033037950	Ouse (Beds)	
National Grid Reference:	SP 56517 37954		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033037860		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Technically infeasible (M3c)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R64	Surveillance site:	No
Waterbody ID and Name:	GB105033037660	Running Waters-Steppingley	
National Grid Reference:	TL 04647 36274		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037790		

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)	Poor (Very Certain)	Poor	Disproportionately expensive (A5c)
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Iron	High	High	
Ammonia (Annex 8)	Poor (Very Certain)	Poor	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	

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

Waterbody Category and Map Code.:	River - R65	Surveillance site:	No
Waterbody ID and Name:	GB105033037670	Chicksands Brook	
National Grid Reference:	TL 11842 40172		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037790		

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 elements

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	

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

Waterbody Category and Map Code.:	River - R66	Surveillance site:	No
Waterbody ID and Name:	GB105033037710	Stondon Brook	
National Grid Reference:	TL 16426 34545		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037780		

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 elements

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

Supporting conditions

Element	Current 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	

Chemical Status

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

Waterbody Category and Map Code.:	River - R67	Surveillance site:	No
Waterbody ID and Name:	GB105033037850	Beachampton Brook	
National Grid Reference:	SP 77635 36717		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037920		

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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R68	Surveillance site:	No
Waterbody ID and Name:	GB105033037870	Weald Brook	
National Grid Reference:	SP 79355 37610		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037920		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R69	Surveillance site:	No
Waterbody ID and Name:	GB105033037900	Minor Trib of Ouse (Beds)	
National Grid Reference:	SP 82795 39910		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105033038000		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	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
Sediment management strategies (develop and revise)	In Place
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
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
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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R70	Surveillance site:	No
Waterbody ID and Name:	GB105033037910	Deanshanger Brook	
National Grid Reference:	SP 74287 40579		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033037920		

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	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R71	Surveillance site: No
Waterbody ID and Name:	GB105033037980	Syresham Stream
National Grid Reference:	SP 63533 41950	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105033037880	

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

Waterbody Category and Map Code.:	River - R72	Surveillance site:	No
Waterbody ID and Name:	GB105033037990	Potterspurly Brook	
National Grid Reference:	SP 78197 41747		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037920		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R73	Surveillance site:	No
Waterbody ID and Name:	GB105033038000	Ouse	
National Grid Reference:	SP 83359 42287		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033047923		

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	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 (P1c)
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	
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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R74	Surveillance site:	No
Waterbody ID and Name:	GB105033038010	Harrowden Brook	
National Grid Reference:	TL 04925 45168		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033038110		

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	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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R75	Surveillance site:	No
Waterbody ID and Name:	GB105033038070	Tathall Brook	
National Grid Reference:	SP 82515 45173		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033038180		

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	
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
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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	

Waterbody Category and Map Code.:	River - R76	Surveillance site: No
Waterbody ID and Name:	GB105033038160	Ravenstone Brook
National Grid Reference:	SP 84857 48619	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105033047923	

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

Waterbody Category and Map Code.:	River - R77	Surveillance site:	No
Waterbody ID and Name:	GB105033038170	level	
National Grid Reference:	TL 15582 51180		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033047921		

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	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	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	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
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R78	Surveillance site:	No
Waterbody ID and Name:	GB105033038180	Tove	
National Grid Reference:	SP 72428 48163		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033038000		

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	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	

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
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Increase in-channel morphological diversity	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	

Waterbody Category and Map Code.:	River - R79	Surveillance site: No
Waterbody ID and Name:	GB105033038230	Helmdon Brook
National Grid Reference:	SP 57668 43945	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105033038260	

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 (P5c)
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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R80	Surveillance site:	No
Waterbody ID and Name:	GB105033038270	Shutlanger Brook	
National Grid Reference:	SP 73201 49090		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033038180		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R81	Surveillance site:	No
Waterbody ID and Name:	GB105033038280	Caswell Brook	
National Grid Reference:	SP 62924 49789		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033038180		

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	Good	Good	
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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management strategies (develop and revise)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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	

Waterbody Category and Map Code.:	River - R82	Surveillance site:	No
Waterbody ID and Name:	GB105033042740	Fen Drayton	
National Grid Reference:	TL 34835 68970		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105033047921		

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)	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R83	Surveillance site:	No
Waterbody ID and Name:	GB105033042770	Swavesey Drain	
National Grid Reference:	TL 36366 70840		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105033047921		

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
Iron	High	High	
Zinc	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R84	Surveillance site:	No
Waterbody ID and Name:	GB105033042830	Ellington Brook (Trib)	
National Grid Reference:	TL 15918 71280		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033042840		

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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R85	Surveillance site:	No
Waterbody ID and Name:	GB105033042960	Pertenhall Brook	
National Grid Reference:	TL 08419 65496		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033043270		

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	Moderate (Uncertain)	Good	
pH	High	High	
Phosphate	Poor (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	

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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R86	Surveillance site: No
Waterbody ID and Name:	GB105033043210	Renhold Brook
National Grid Reference:	TL 08789 51746	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:	GB105033047923	

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

Waterbody Category and Map Code.:	River - R87	Surveillance site: No
Waterbody ID and Name:	GB105033043220	Colmworth Brook
National Grid Reference:	TL 14921 57814	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105033047921	

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

Waterbody Category and Map Code.:	River - R88	Surveillance site:	No
Waterbody ID and Name:	GB105033030500	Eaton Bray Brook	
National Grid Reference:	SP 95676 20718		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105033030510		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Technically infeasible (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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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
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Waterbody Category and Map Code.:	River - R89	Surveillance site:	No
Waterbody ID and Name:	GB105033030540	Ledburn Brook	
National Grid Reference:	SP 90011 22113		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033037971		

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
Sediment management strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	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

Waterbody Category and Map Code.:	River - R90	Surveillance site:	No
Waterbody ID and Name:	GB105033042790	Alconbury & Brampton Brooks	
National Grid Reference:	TL 21282 71752		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033047921		

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)	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	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Bad (Very Certain)	Moderate	Disproportionately expensive (P1c)
Temperature	High	High	
Arsenic	High	High	
Copper	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
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 strategies (develop and revise)	In Place
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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	Not In Place
Increase in-channel morphological diversity	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
Isoproturon	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R91	Surveillance site:	No
Waterbody ID and Name:	GB105033037840	Newton Longville Brook	
National Grid Reference:	SP 87029 31414		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:	GB105033037971		

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	
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) 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	

Waterbody Category and Map Code.:	River - R92	Surveillance site:	No
Waterbody ID and Name:	GB105033038090	Cople Brook	
National Grid Reference:	TL 08587 46188		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:	GB105033038130		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R93	Surveillance site:	No
Waterbody ID and Name:	GB105033037972	Ouzel DS Caldecote Mill	
National Grid Reference:	SP 87936 43236		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection, Urbanisation		
Downstream Waterbody ID:	GB105033047923		

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	High	High	
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	

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 (M1a, M1c)

Chemical Status

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

Waterbody Category and Map Code.:	River - R94	Surveillance site:	No
Waterbody ID and Name:	GB105033037971	Ouzel US Caldecote Mill	
National Grid Reference:	SP 88573 30162		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105033037972		

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	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 (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	

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 (M1a)

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	

Waterbody Category and Map Code.:	Lake - L1	Surveillance site: No
Waterbody ID and Name:	GB30539699	Foxcote Reservoir
National Grid Reference:	SP 71148 36393	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	Yes	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Lake - L2	Surveillance site: No
Waterbody ID and Name:	GB30538310	Grafham Water
National Grid Reference:	TL 14847 67983	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	Yes	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Water Storage - non-specific	
Downstream Waterbody ID:		

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
Chironom Invertebrates	Moderate (Very Certain)	Moderate	Technically infeasible (B2a)
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (P2b)
Phytoplankton	Moderate (Very 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	High	High	
Total Phosphorus	Bad (Very Certain)	Bad	Technically infeasible (P2b)
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	

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L3	Surveillance site:	No
Waterbody ID and Name:	GB30539450	Stewartby Lake	
National Grid Reference:	TL 00755 42402		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Recreation		
Downstream Waterbody ID:			

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
littoral Invertebrates	High	High	
Macrophytes	Moderate (Very Certain)	Moderate	Not Required (MS)
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (P2a)
Phytoplankton	Moderate (Uncertain)	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	
Dissolved Oxygen	Bad (Uncertain)	Bad	Technically infeasible (DO2a)
Total Phosphorus	Bad (Very Certain)	Bad	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	

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

Waterbody Category and Map Code.:	Lake - L4	Surveillance site:	No
Waterbody ID and Name:	GB30539554	Brogborough Reservoir	
National Grid Reference:	SP 97741 39678		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Recreation		
Downstream Waterbody ID:			

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
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	High	High	
Copper	High	High	
Zinc	High	High	

Supporting conditions

Element	Current status (and certainty of 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

Waterbody Category and Map Code.:	Lake - L5	Surveillance site:	No
Waterbody ID and Name:	GB30538826	Felmersham Gravel Pits	
National Grid Reference:	SP 99355 58674		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Recreation, Wider Environment		
Downstream Waterbody ID:			

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, M1i)

Chemical Status

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

B.14 Welland river catchment

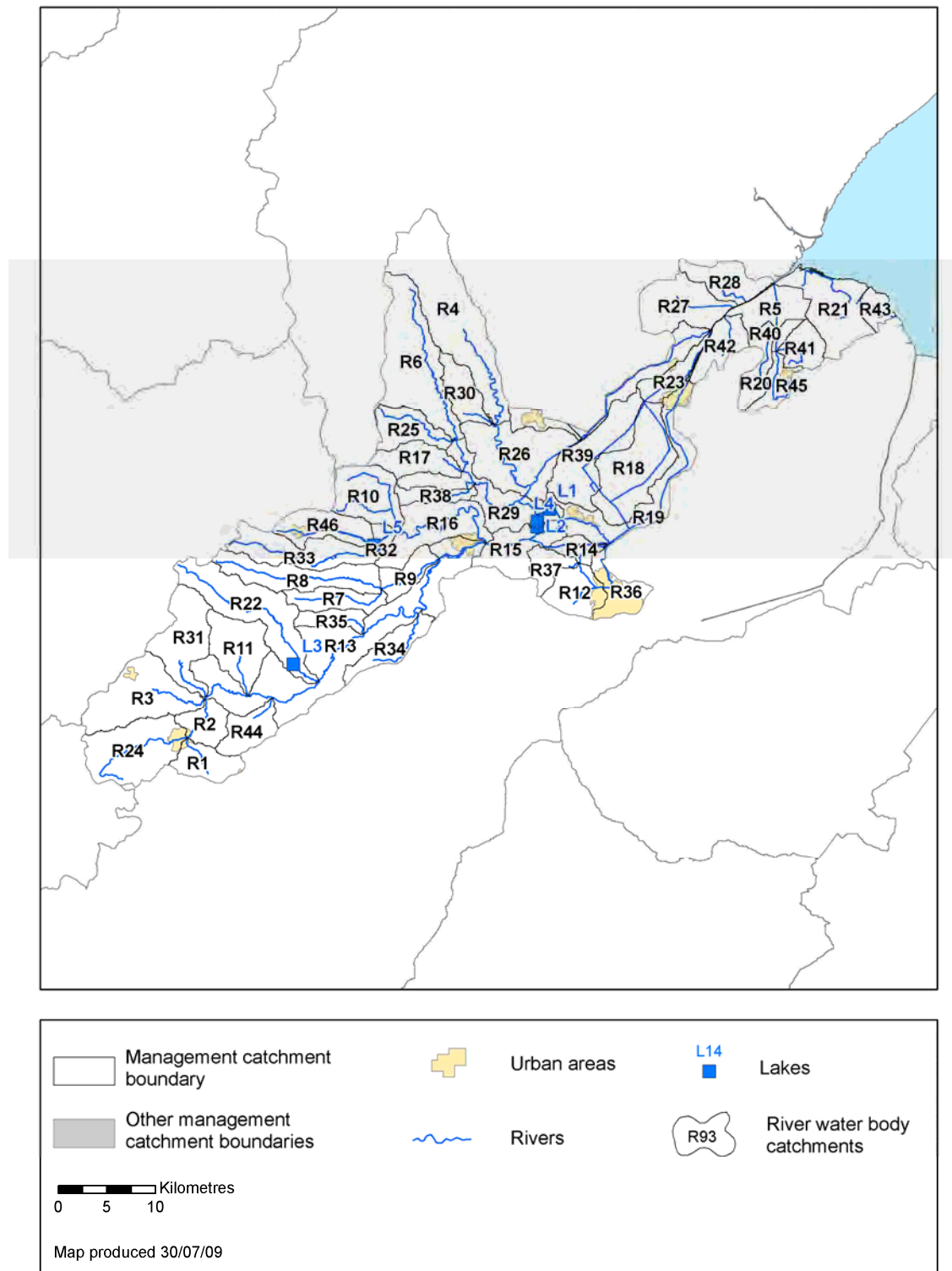
Rivers and Lakes

There are 46 river water bodies (of which 17 are designated as heavily modified and 15 artificial) and 5 lake water bodies (of which 1 is designated as heavily modified and 4 artificial) within the Welland river catchment.

Figure B.14.1 **Status objectives for rivers and lakes in the Welland 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	4	4	14	10	14
Lakes	0	0	0	0	0
Heavily modified Water bodies	0	0	18	18	18
Artificial water bodies	8	8	19	11	19

Figure B.14.2 River and lake water bodies in the Welland river catchment



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Water body tables for rivers and lakes in the Welland river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site: No
Waterbody ID and Name:	GB105031045600 Jordan	
National Grid Reference:	SP 75519 85004	
Current Overall Status	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105031045610	

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)	Moderate	Technically infeasible (S3d)

Supporting elements

Element	Current status (and certainty of less than good)	Predicted 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

Waterbody Category and Map Code.:	River - R2	Surveillance site:	No
Waterbody ID and Name:	GB105031045610	Welland	
National Grid Reference:	SP 75728 88838		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Urbanisation		
Downstream Waterbody ID:	GB105031050580		

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	Moderate (Quite Certain)	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	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1c)
Temperature	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 (M3b)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
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
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
Sediment management strategies (develop and revise)	Not In Place
Appropriate techniques (invasive species)	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
Remove obsolete structure	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R3	Surveillance site:	No
Waterbody ID and Name:	GB105031045620	Langton Brook	
National Grid Reference:	SP 73298 91267		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105031050580		

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)

Supporting elements

Element	Current status (and certainty of less than good)	Predicted 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	

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
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
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.	In Place
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.	In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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

Waterbody Category and Map Code.:	River - R4	Surveillance site: No
Waterbody ID and Name:	GB105031055480 East Glen River	
National Grid Reference:	TF 05850 24016	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105031050720	

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	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	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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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

Waterbody Category and Map Code.:	River - R5	Surveillance site: No
Waterbody ID and Name:	GB105031055490	Whaplode River
National Grid Reference:	TF 34854 31852	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503100400	

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)	Poor (Very Certain)	Good	
Dissolved Oxygen	Bad (Very Certain)	Bad	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Poor (Very 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	

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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R6	Surveillance site: No
Waterbody ID and Name:	GB105031055510 West Glen	
National Grid Reference:	TF 00685 22140	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105031050770	

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

Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105031050420	Chater	
National Grid Reference:	SK 90415 01872		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105031050440		

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

Waterbody Category and Map Code.:	River - R8	Surveillance site:	No
Waterbody ID and Name:	GB105031050430	Chater	
National Grid Reference:	SK 86312 03949		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105031050440		

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	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

Waterbody Category and Map Code.:	River - R9	Surveillance site:	No
Waterbody ID and Name:	GB105031050440	Chater	
National Grid Reference:	SK 97443 03443		
Current Overall Status	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105031050580		

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 (B2j)
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

Waterbody Category and Map Code.:	River - R10	Surveillance site:	No
Waterbody ID and Name:	GB105031050500	North Brook	
National Grid Reference:	SK 93820 13607		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105031050610		

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)	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	

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R11	Surveillance site: No
Waterbody ID and Name:	GB105031050520 Medbourne Brook	
National Grid Reference:	SP 79695 93863	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105031050580	

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	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

Waterbody Category and Map Code.:	River - R12	Surveillance site: No
Waterbody ID and Name:	GB105031050540	Werrington Brook
National Grid Reference:	TF 16317 02721	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105031050560	

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 channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
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

Waterbody Category and Map Code.:	River - R13	Surveillance site: No
Waterbody ID and Name:	GB105031050580	Welland
National Grid Reference:	SP 81203 91789	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105031050600	

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)	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	
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)

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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	
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	

Waterbody Category and Map Code.:	River - R14	Surveillance site:	No
Waterbody ID and Name:	GB105031050590	Welland - Peakirk	
National Grid Reference:	TF 13441 07253		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105031050680		

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)	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 (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	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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
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

Waterbody Category and Map Code.:	River - R15	Surveillance site: No
Waterbody ID and Name:	GB105031050600 Welland	
National Grid Reference:	TF 07192 06993	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105031050680	

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	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	

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
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
Appropriate water level management strategies, including timing and volume of water moved	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
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)	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	

Waterbody Category and Map Code.:	River - R16	Surveillance site:	No
Waterbody ID and Name:	GB105031050610	Gwash	
National Grid Reference:	SK 97870 08703		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105031050600		

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)	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 (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	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
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R17	Surveillance site: No
Waterbody ID and Name:	GB105031050630 West Glen	
National Grid Reference:	TF 01582 15266	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105031050770	

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)	Poor (Uncertain)	Poor	Disproportionately expensive (A1a)
Dissolved Oxygen	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
Ammonia (Annex 8)	Poor (Uncertain)	Poor	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	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 (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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R18	Surveillance site: No
Waterbody ID and Name:	GB105031050660	South Drove Drain
National Grid Reference:	TF 23202 15881	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105031050700	

Ecological Potential

Current Status (and certainty that status is less than good) Good (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	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	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 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
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R19	Surveillance site: Yes
Waterbody ID and Name:	GB105031050680 Welland	
National Grid Reference:	TF 25150 14923	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503100400	

Ecological Potential

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
Fish	Poor (Very Certain)	Good	
Invertebrates	High	High	
Macrophytes	Moderate (Very Certain)	Moderate	Not Required (MS)
Phytobenthos	Moderate (Very 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
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Technically infeasible (P2b)
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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
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
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 channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
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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	
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	

Waterbody Category and Map Code.:	River - R20	Surveillance site: No
Waterbody ID and Name:	GB105031050710 Whaplode River	
National Grid Reference:	TF 34087 26532	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105031055490	

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)	Poor (Uncertain)	Poor	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)	Poor (Uncertain)	Poor	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	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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R21	Surveillance site: No
Waterbody ID and Name:	GB105031055500	Fleet Haven Outfall
National Grid Reference:	TF 42487 32845	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503311300	

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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R22	Surveillance site:	No
Waterbody ID and Name:	GB105031050550	Eye Brook	
National Grid Reference:	SK 82148 00530		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105031050580		

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	
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	High	High	
Zinc	High	High	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current 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

Waterbody Category and Map Code.:	River - R23	Surveillance site:	No
Waterbody ID and Name:	GB105031050700	Vernatt's Drain	
National Grid Reference:	TF 25652 24647		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB530503100400		

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	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 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
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R24	Surveillance site: Yes
Waterbody ID and Name:	GB105031045630 Welland	
National Grid Reference:	SP 68274 86288	
Current Overall Status	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105031045610	

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	Moderate (Quite Certain)	Moderate	Technically infeasible (S2b)
Invertebrates	Good	Good	
Macrophytes	Moderate (Uncertain)	Moderate	Technically infeasible (P2a)
Phytobenthos	Poor (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
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Technically infeasible (P2a)
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

Waterbody Category and Map Code.:	River - R25	Surveillance site:	No
Waterbody ID and Name:	GB105031050650	West Glen	
National Grid Reference:	SK 98183 19783		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105031050770		

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)	Poor (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
Ammonia (Annex 8)	Poor (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	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 (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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R26	Surveillance site: Yes
Waterbody ID and Name:	GB105031050720	Glen
National Grid Reference:	TF 20743 25134	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage, Water Storage - non-specific	
Downstream Waterbody ID:	GB530503100400	

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)	Good	
Invertebrates	Good	Good	
Macrophytes	Moderate (Very Certain)	Good	
Phytobenthos	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	
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 (M3c, M3d)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
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) Good

Chemical elements

Element	Current status (and certainty of less than good)	Predicted Status by 2015	Justification for not achieving good status by 2015
Hexachlorobenzene	High	High	
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Trichlorobenzenes	High	High	
Trifluralin	High	High	
Aldrin, Dieldrin, Endrin & Isodrin	High	High	
para - para DDT	High	High	

Waterbody Category and Map Code.:	River - R27	Surveillance site: No
Waterbody ID and Name:	GB105031055520	Risegate Eau
National Grid Reference:	TF 27294 31733	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB530503100400	

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R28	Surveillance site:	No
Waterbody ID and Name:	GB105031055530	Fosdyke Bridge Outfall	
National Grid Reference:	TF 30541 33071		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB530503100400		

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
Copper	High	High	
Zinc	High	High	

Supporting conditions

Element	Current status (and certainty of 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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R29	Surveillance site:	No
Waterbody ID and Name:	GB105031050770	West Glen	
National Grid Reference:	TF 05085 13436		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105031050680		

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	

Supporting elements

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 (A2b)
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
Ammonia (Annex 8)	Poor (Very Certain)	Poor	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)

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R30	Surveillance site: No
Waterbody ID and Name:	GB105031050450	Grimsthorpe Park Brook
National Grid Reference:	TF 04291 20507	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105031050720	

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current 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

Waterbody Category and Map Code.:	River - R31	Surveillance site:	No
Waterbody ID and Name:	GB105031050460	Stonton Brook	
National Grid Reference:	SP 74202 92945		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105031050580		

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, 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	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

Waterbody Category and Map Code.:	River - R32	Surveillance site:	No
Waterbody ID and Name:	GB105031050470	Gwash	
National Grid Reference:	SK 94510 07936		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105031050610		

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)	Good	Good	
Dissolved Oxygen	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	High	High	
Temperature	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 (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
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
Ensure there is an appropriate baseline flow regime downstream of the impoundment.	Not In Place
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Re-engineering of the river where the flow regime cannot be modified.	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R33	Surveillance site:	No
Waterbody ID and Name:	GB105031050480	South Gwash	
National Grid Reference:	SK 83526 06459		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105031050470		

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

Waterbody Category and Map Code.:	River - R34	Surveillance site:	No
Waterbody ID and Name:	GB105031050510	Gretton Brook	
National Grid Reference:	SP 96909 96777		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105031050580		

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

Waterbody Category and Map Code.:	River - R35	Surveillance site: No
Waterbody ID and Name:	GB105031050530	Uppingham Brook
National Grid Reference:	SP 91499 99288	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105031050580	

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)	Poor (Very Certain)	Good	
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)	Poor (Very 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	

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	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	

Waterbody Category and Map Code.:	River - R36	Surveillance site:	No
Waterbody ID and Name:	GB105031050560	Folly River	
National Grid Reference:	TF 17047 05607		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105031050680		

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	Poor (Very Certain)	Poor	Technically infeasible (DO2b)
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 (M3a)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Educate landowners on sensitive management practices (urbanisation)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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

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

Waterbody Category and Map Code.:	River - R37	Surveillance site:	No
Waterbody ID and Name:	GB105031050570	Brook Drain	
National Grid Reference:	TF 14093 04952		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105031050590		

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	High	High	
pH	High	High	
Temperature	High	High	
Mecoprop	High	High	
Zinc	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	

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
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R38	Surveillance site: No
Waterbody ID and Name:	GB105031050620	Tributary of West Glen
National Grid Reference:	TF 02811 12499	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105031050770	

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)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Good	Good	
Temperature	Good	Good	
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

Waterbody Category and Map Code.:	River - R39	Surveillance site:	No
Waterbody ID and Name:	GB105031050670	North Drove Drain	
National Grid Reference:	TF 18622 18112		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105031050700		

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	Moderate (Quite Certain)	Moderate	Disproportionately expensive (HR2a)
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	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 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
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R40	Surveillance site:	No
Waterbody ID and Name:	GB105031050730	Holbeach River	
National Grid Reference:	TF 35035 28375		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105031055490		

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)	Poor (Uncertain)	Good	
Dissolved Oxygen	Bad (Uncertain)	Bad	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Uncertain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Poor (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	

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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R41	Surveillance site:	No
Waterbody ID and Name:	GB105031050740	Holbeach River	
National Grid Reference:	TF 37357 27004		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105031050730		

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)	Good	
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)	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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R42	Surveillance site:	No
Waterbody ID and Name:	GB105031050750	Moulton River	
National Grid Reference:	TF 30122 28649		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB530503100400		

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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R43	Surveillance site: No
Waterbody ID and Name:	GB105031050760	Dawsmere Drain
National Grid Reference:	TF 46427 30941	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503311300	

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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R44	Surveillance site:	No
Waterbody ID and Name:	GB105031045640	Stoke Albany Brook	
National Grid Reference:	SP 82171 90047		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105031050580		

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

Waterbody Category and Map Code.:	River - R45	Surveillance site: No
Waterbody ID and Name:	GB105031050690 Whaplode River	
National Grid Reference:	TF 34608 23297	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105031050730	

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)	Poor (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)	Poor (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	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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	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
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.	In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R46	Surveillance site: No
Waterbody ID and Name:	GB105031050490	North Gwash
National Grid Reference:	SK 85488 08543	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105031050470	

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	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	
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)

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
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
Appropriate channel maintenance strategies and techniques - woody debris	Not In Place
Sediment management strategies (develop and revise)	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
Remove obsolete structure	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L1	Surveillance site: No
Waterbody ID and Name:	GB30536344	Langtoft Gravel Pits
National Grid Reference:	TF 11496 10983	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Wider Environment	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Lake - L2	Surveillance site:	No
Waterbody ID and Name:	GB30536480	Tallington Lakes	
National Grid Reference:	TF 10241 09150		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Other		
Downstream Waterbody ID:			

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

Waterbody Category and Map Code.:	Lake - L3	Surveillance site:	No
Waterbody ID and Name:	GB30537182	Eyebrook Reservoir	
National Grid Reference:	SP 85069 94929		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	Yes		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Water Storage - non-specific		
Downstream Waterbody ID:			

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
Total Phosphorus	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	Moderate	Moderate	Technically infeasible (M3d)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
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.	Not In Place
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.	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Lake - L4	Surveillance site:	No
Waterbody ID and Name:	GB30536422	Tallington Lakes	
National Grid Reference:	TF 10276 09705		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Recreation		
Downstream Waterbody ID:			

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 (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
Dissolved Oxygen	Good	Good	
Total Phosphorus	High	High	
Copper	High	High	
Zinc	High	High	

Supporting conditions

Element	Current status (and certainty of 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

Waterbody Category and Map Code.:	Lake - L5	Surveillance site: No
Waterbody ID and Name:	GB30536479	Rutland Water
National Grid Reference:	SK 93378 07237	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Drinking Water	
Downstream Waterbody ID:		

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
littoral Invertebrates	High	High	
Macrophytes	Moderate (Quite Certain)	Moderate	Not Required (MS)
Phytobenthos	Poor (Very Certain)	Poor	Technically infeasible (P2b)
Phytoplankton	Moderate (Very 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	Moderate (Very Certain)	Moderate	Technically infeasible (P2b)
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
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
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.	In Place
Maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.	In Place
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.	Not In Place
Re-engineering of the river where the flow regime cannot be modified.	Not In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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B.15 Witham river catchment

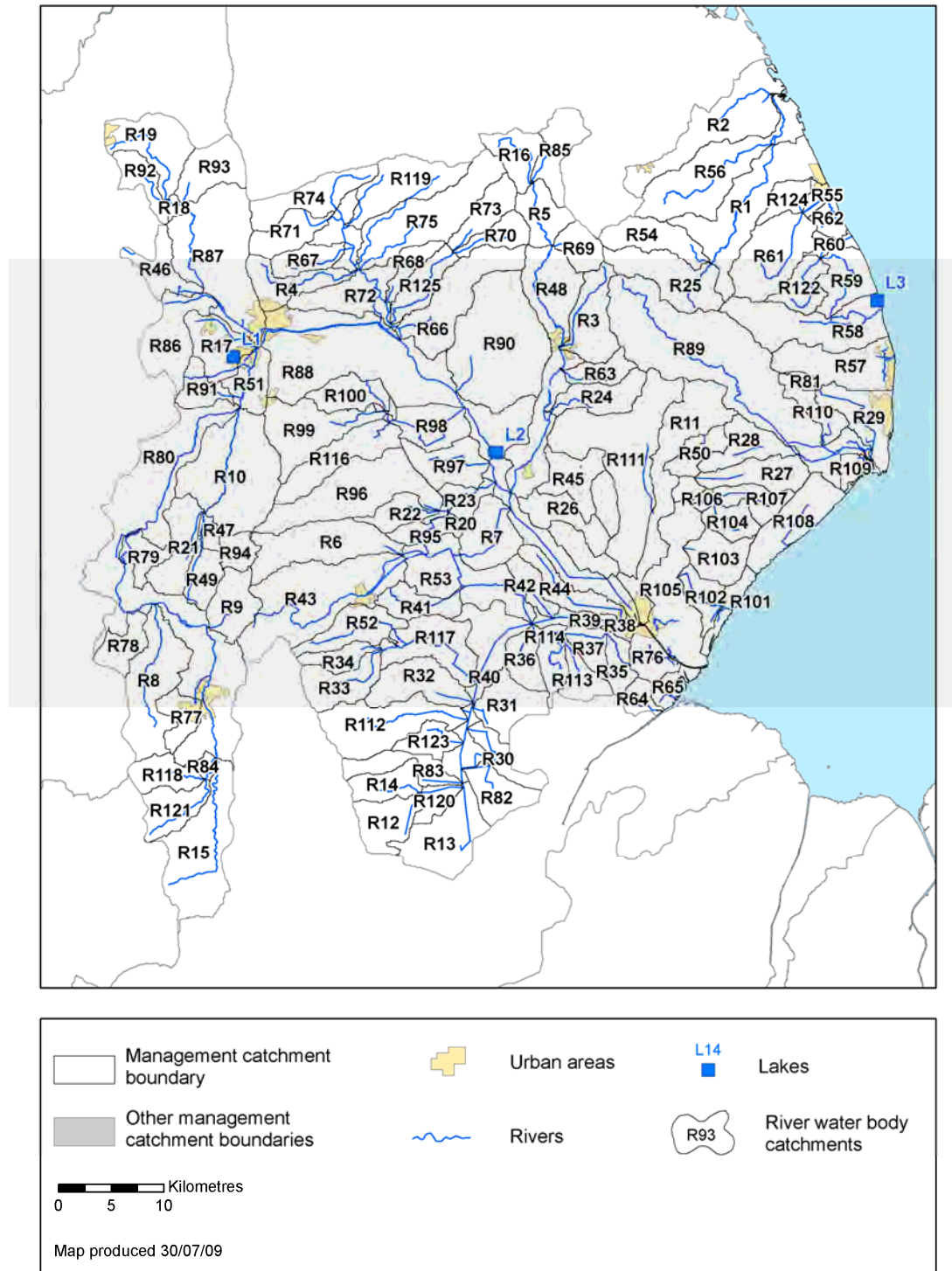
Rivers and Lakes

There are 125 river water bodies (of which 32 are designated as heavily modified and 67 artificial) and 3 lake water bodies (of which 3 are designated as artificial) within the Witham river catchment.

Figure B.15.1 **Status objectives for rivers and lakes in the Witham 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	0	0	32	32	32
Artificial water bodies	25	25	70	45	70

Figure B.15.2 River and lake water bodies in the Witham river catchment



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Water body tables for rivers and lakes in the Witham river 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.

Waterbody Category and Map Code.:	River - R1	Surveillance site:	No
Waterbody ID and Name:	GB105029061660	Great Eau	
National Grid Reference:	TF 45292 85297		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Bathing Water Directive, Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB640402490000		

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 elements

Element	Current status (and certainty of less than good)	Predicted 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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R2	Surveillance site: No
Waterbody ID and Name:	GB105029061680	South Dike
National Grid Reference:	TF 42461 92629	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB640402490000	

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 conditions

Element	Current status (and certainty of 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)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R3	Surveillance site:	No
Waterbody ID and Name:	GB105030062200	River Waring	
National Grid Reference:	TF 27562 73105		
Current Overall Status	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030062450		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R4	Surveillance site: No
Waterbody ID and Name:	GB105030062210	Nettleham Beck
National Grid Reference:	TF 01302 75682	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105030062290	

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	Poor (Quite Certain)	Moderate	Not Required (MS)
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	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	

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
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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	

Waterbody Category and Map Code.:	River - R5	Surveillance site:	No
Waterbody ID and Name:	GB105030062300	River Bain	
National Grid Reference:	TF 23513 81484		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030062450		

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

Waterbody Category and Map Code.:	River - R6	Surveillance site: No
Waterbody ID and Name:	GB105030056700	Ruskington Beck
National Grid Reference:	TF 09863 50084	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030056690	

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

Waterbody Category and Map Code.:	River - R7	Surveillance site:	No
Waterbody ID and Name:	GB105030056710	Kyme Eau	
National Grid Reference:	TF 19374 50631		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030062420		

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)	Moderate	Not Required (MS)
Invertebrates	Moderate (Quite Certain)	Good	
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	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	

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 timing (vegetation control)	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Appropriate vegetation control technique	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
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Selective vegetation control regime	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R8	Surveillance site: No
Waterbody ID and Name:	GB105030056740	Foston Beck
National Grid Reference:	SK 86584 39304	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056780	

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	
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)	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R9	Surveillance site: No
Waterbody ID and Name:	GB105030056750	Honington Beck
National Grid Reference:	SK 93664 43687	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030056780	

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

Waterbody Category and Map Code.:	River - R10	Surveillance site: Yes
Waterbody ID and Name:	GB105030056770	Brant
National Grid Reference:	SK 93869 58324	
Current Overall Potential	Bad	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105030062370	

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
Fish	Good	Good	
Invertebrates	High	High	
Macrophytes	Moderate (Very Certain)	Moderate	Not Required (MS)
Phytobenthos	Bad (Very Certain)	Poor	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
Ammonia (Phys-Chem)	High	High	
Dissolved Oxygen	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Technically infeasible (P2b)
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 to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R11	Surveillance site: No
Waterbody ID and Name:	GB105030056790	Maud Foster Drain
National Grid Reference:	TF 32937 47377	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503000100	

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 (Uncertain)	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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
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
Appropriate vegetation control technique	In Place
Flood bunds (earth banks, in place of floodwalls)	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 timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	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 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
Improve floodplain connectivity	Not In Place
Set-back embankments	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
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Waterbody Category and Map Code.:	River - R12	Surveillance site: No
Waterbody ID and Name:	GB105030051500	South Forty Foot
National Grid Reference:	TF 11404 25361	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030051520	

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)	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 (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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R13	Surveillance site:	No
Waterbody ID and Name:	GB105030051510	South Forty Foot Drain	
National Grid Reference:	TF 16826 24466		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056640		

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	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R14	Surveillance site:	No
Waterbody ID and Name:	GB105030051540	Old Beck	
National Grid Reference:	TF 10456 27540		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030051520		

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	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R15	Surveillance site: No
Waterbody ID and Name:	GB105030051570 Witham	
National Grid Reference:	SK 92776 23430	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030056780	

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	High	High	
Phytobenthos	Moderate (Very Certain)	Moderate	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)	High	High	
Dissolved Oxygen	High	High	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1b)
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

Waterbody Category and Map Code.:	River - R16	Surveillance site:	No
Waterbody ID and Name:	GB105030062350	River Bain	
National Grid Reference:	TF 22395 88075		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030062300		

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

Waterbody Category and Map Code.:	River - R17	Surveillance site:	No
Waterbody ID and Name:	GB105030062380	Pike Drain	
National Grid Reference:	SK 94014 70891		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030062420		

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	Good	Good	
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 (M3a)

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R18	Surveillance site:	No
Waterbody ID and Name:	GB105030062470	Till	
National Grid Reference:	SK 89013 82998		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030062420		

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	Good	Good	
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 (M3a)

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R19	Surveillance site:	No
Waterbody ID and Name:	GB105030062500	Till	
National Grid Reference:	SK 86657 87683		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030062470		

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)	Good	Good	
Dissolved Oxygen	Good	Good	
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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R20	Surveillance site: No
Waterbody ID and Name:	GB105030056150	Dorrington Dike
National Grid Reference:	TF 14657 53828	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056180	

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	Good	Good	
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 (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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R21	Surveillance site: No
Waterbody ID and Name:	GB105030056160 Sand Beck	
National Grid Reference:	SK 90818 51774	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056770	

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	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	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	Good	Good	

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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Sediment management strategies (develop and revise)	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

Chemical Status

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

Waterbody Category and Map Code.:	River - R22	Surveillance site:	No
Waterbody ID and Name:	GB105030056170	Dorrington Dike	
National Grid Reference:	TF 12797 53891		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056150		

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	Good	Good	
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 (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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R23	Surveillance site: No
Waterbody ID and Name:	GB105030056180	Billingham Skirth
National Grid Reference:	TF 16115 55317	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030062420	

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	High	High	
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	Good	Good	
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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R24	Surveillance site: No
Waterbody ID and Name:	GB105030056260 Haltham Beck	
National Grid Reference:	TF 28009 64083	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030062450	

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	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 (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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R25	Surveillance site:	No
Waterbody ID and Name:	GB105029061620	Great Eau	
National Grid Reference:	TF 38602 75444		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105029061670		

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	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

Waterbody Category and Map Code.:	River - R26	Surveillance site:	No
Waterbody ID and Name:	GB105030056340	Newham Drain	
National Grid Reference:	TF 24682 55390		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056300		

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	

Supporting elements

Element	Current status (and 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 (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 (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate timing (vegetation control)	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Appropriate vegetation control technique	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
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Selective vegetation control regime	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R27	Surveillance site:	No
Waterbody ID and Name:	GB105030056400	Fodder Dike	
National Grid Reference:	TF 40725 56879		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056360		

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)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	High	High	
Temperature	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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
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
Increase in-channel morphological diversity	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R28	Surveillance site: No
Waterbody ID and Name:	GB105030056430	Bell Water Drain
National Grid Reference:	TF 43983 59796	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056420	

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 conditions

Element	Current 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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R29	Surveillance site: No
Waterbody ID and Name:	GB105030056440	Cow Bank Drain
National Grid Reference:	TF 54237 63876	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503016300	

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
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
Increase in-channel morphological diversity	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R30	Surveillance site: No
Waterbody ID and Name:	GB105030056470	Hammond Beck
National Grid Reference:	TF 18632 32886	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056640	

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	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	

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)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R31	Surveillance site: No
Waterbody ID and Name:	GB105030056500	Hammond Beck
National Grid Reference:	TF 17571 35044	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056640	

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)	Good	Good	
Dissolved Oxygen	Moderate (Very Certain)	Moderate	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Moderate (Quite Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	Moderate (Quite Certain)	Moderate	Disproportionately expensive (T1a)
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	Good	Good	

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R32	Surveillance site:	No
Waterbody ID and Name:	GB105030056510	South Forty Foot	
National Grid Reference:	TF 15598 36146		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056640		

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	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R33	Surveillance site: No
Waterbody ID and Name:	GB105030056520 South Beck	
National Grid Reference:	TF 07574 38220	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030056610	

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

Waterbody Category and Map Code.:	River - R34	Surveillance site: No
Waterbody ID and Name:	GB105030056530	North Beck
National Grid Reference:	TF 07745 40890	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030056610	

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

Waterbody Category and Map Code.:	River - R35	Surveillance site: No
Waterbody ID and Name:	GB105030056560	Frampton Town Drain
National Grid Reference:	TF 31061 40606	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056600	

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 (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	Bad (Very Certain)	Bad	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
Temperature	High	High	
Arsenic	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	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)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

Current Status (and certainty that status is less than good)	Fail (Very 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
Hexachlorocyclohexane	High	High	
Lead And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Pentachlorophenol	High	High	
Tributyltin Compounds	Moderate (Very Certain)	Moderate	Technically infeasible (C3a)
Aldrin, Dieldrin, Endrin & Isodrin	Moderate (Quite Certain)	High	

Waterbody Category and Map Code.:	River - R36	Surveillance site:	No
Waterbody ID and Name:	GB105030056570	New Hammond Beck	
National Grid Reference:	TF 22244 41361		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056620		

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)	Poor (Very Certain)	Moderate	Technically infeasible (A2b)
Dissolved Oxygen	Poor (Very Certain)	Good	
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)	Moderate	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	

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 timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R37	Surveillance site:	No
Waterbody ID and Name:	GB105030056580	Old Hammond Beck	
National Grid Reference:	TF 27443 42079		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056600		

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)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R38	Surveillance site: No
Waterbody ID and Name:	GB105030056600	Old Hammond Beck
National Grid Reference:	TF 30352 42852	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056620	

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 timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R39	Surveillance site: No
Waterbody ID and Name:	GB105030056620	South Forty Foot Drain
National Grid Reference:	TF 27826 43581	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503000100	

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 conditions

Element	Current status (and certainty of 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)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R40	Surveillance site: No
Waterbody ID and Name:	GB105030056640	South Forty Foot Drain
National Grid Reference:	TF 18794 40006	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056620	

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	Good	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 (Quite Certain)	Moderate	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R41	Surveillance site: No
Waterbody ID and Name:	GB105030056650	Heckington Eau
National Grid Reference:	TF 12585 45073	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056690	

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)

Supporting conditions

Element	Current status (and certainty of 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)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R42	Surveillance site: No
Waterbody ID and Name:	GB105030056660 Clay Dike	
National Grid Reference:	TF 24077 44730	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056620	

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 timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R43	Surveillance site: Yes
Waterbody ID and Name:	GB105030056670	Slea New
National Grid Reference:	TF 00793 43085	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105030056700	

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
Fish	Poor (Very Certain)	Moderate	Not Required (MS)
Invertebrates	Good	Good	
Macrophytes	Moderate (Quite Certain)	Moderate	Not Required (MS)
Phytobenthos	Moderate (Very 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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	High	High	
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 (M3a)

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R44	Surveillance site:	No
Waterbody ID and Name:	GB105030056680	North Forty Foot Drain	
National Grid Reference:	TF 26935 45057		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB205030056820		

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 timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R45	Surveillance site:	No
Waterbody ID and Name:	GB105030056410	Newham Drain	
National Grid Reference:	TF 27601 58048		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056340		

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)	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)	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 (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 (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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R46	Surveillance site:	No
Waterbody ID and Name:	GB105030062400	Fossdyke Canal	
National Grid Reference:	SK 90594 74608		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB104028058480		

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	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 (Quite Certain)	Poor	Disproportionately expensive (DO1a)
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 (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)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate timing (vegetation control)	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	In Place
Appropriate vegetation control technique	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
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Selective vegetation control regime	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	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
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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R47	Surveillance site:	No
Waterbody ID and Name:	GB105030056130	River Brant	
National Grid Reference:	SK 91753 52922		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030056770		

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	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

Waterbody Category and Map Code.:	River - R48	Surveillance site:	No
Waterbody ID and Name:	GB105030062450	Bain	
National Grid Reference:	TF 23246 74753		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030062420		

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 (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 timing (vegetation control)	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Appropriate vegetation control technique	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
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Selective vegetation control regime	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	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
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

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
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R49	Surveillance site:	No
Waterbody ID and Name:	GB105030056110	River Brant	
National Grid Reference:	SK 90763 48530		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030056130		

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	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

Waterbody Category and Map Code.:	River - R50	Surveillance site:	No
Waterbody ID and Name:	GB105030056420	Hobhole Drain	
National Grid Reference:	TF 39361 60422		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056360		

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 conditions

Element	Current 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
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
Increase in-channel morphological diversity	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R51	Surveillance site: No
Waterbody ID and Name:	GB105030062370 Witham	
National Grid Reference:	SK 96650 68354	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105030062420	

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	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)	High	High	
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)	High	High	

Supporting conditions

Element	Current status (and certainty of 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 to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

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	

Waterbody Category and Map Code.:	River - R52	Surveillance site:	No
Waterbody ID and Name:	GB105030056630	Cliff Beck	
National Grid Reference:	TF 07953 43494		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056610		

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	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R53	Surveillance site: No
Waterbody ID and Name:	GB105030056690 Skerth Drain	
National Grid Reference:	TF 19825 46765	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056620	

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	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)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R54	Surveillance site: No
Waterbody ID and Name:	GB105029061630	Burwell Beck
National Grid Reference:	TF 38637 77756	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105029061670	

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R55	Surveillance site:	No
Waterbody ID and Name:	GB105029061650	Woldgrift Drain (lower end)	
National Grid Reference:	TF 48664 82227		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB640402490000		

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)	Moderate	Technically infeasible (B2a)
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)	Moderate (Uncertain)	Moderate	Disproportionately expensive (A1a)
Dissolved Oxygen	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Bad (Very Certain)	Bad	Disproportionately expensive (P1a)
Temperature	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 vegetation control technique	In Place
Flood bunds (earth banks, in place of floodwalls)	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 timing (vegetation control)	In Place
Appropriate techniques (invasive species)	In Place
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	Not In Place
Increase in-channel morphological diversity	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
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
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)	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	

Waterbody Category and Map Code.:	River - R56	Surveillance site:	No
Waterbody ID and Name:	GB105029061670	Long Eau	
National Grid Reference:	TF 40395 85872		
Current Overall Potential	Poor		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB640402490000		

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)	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	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)

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R57	Surveillance site: No
Waterbody ID and Name:	GB105029061700	Ingoldmells Main Drain
National Grid Reference:	TF 56503 67407	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB640402490000	

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

Waterbody Category and Map Code.:	River - R58	Surveillance site:	No
Waterbody ID and Name:	GB105029061710	Willoughby High Drain	
National Grid Reference:	TF 53028 72406		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB640402490000		

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	Moderate (Uncertain)	Moderate	Disproportionately expensive (DO1a)
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	Moderate	Moderate	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate timing (vegetation control)	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Appropriate vegetation control technique	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
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Selective vegetation control regime	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	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
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
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
Appropriate water level management strategies, including timing and volume of water moved	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R59	Surveillance site: No
Waterbody ID and Name:	GB105029061730	Anderby Main Drain
National Grid Reference:	TF 53649 76285	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB640402490000	

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

Waterbody Category and Map Code.:	River - R60	Surveillance site: No
Waterbody ID and Name:	GB105029061740	Boygrift drain
National Grid Reference:	TF 51709 79202	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB640402490000	

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

Waterbody Category and Map Code.:	River - R61	Surveillance site: No
Waterbody ID and Name:	GB105029061750	Woldgrift Drain
National Grid Reference:	TF 47018 77239	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105029061650	

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	Moderate (Quite Certain)	Moderate	Not Required (MS)
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)	Good	Good	
Dissolved Oxygen	Poor (Quite Certain)	Poor	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R62	Surveillance site: No
Waterbody ID and Name:	GB105029061760	Trusthorpe Pump Drain (lower end)
National Grid Reference:	TF 51524 82316	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Bathing Water Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB640402490000	

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

Waterbody Category and Map Code.:	River - R63	Surveillance site: No
Waterbody ID and Name:	GB105030062190	Scrivelsby Beck
National Grid Reference:	TF 27812 66384	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030062450	

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

Waterbody Category and Map Code.:	River - R64	Surveillance site:	No
Waterbody ID and Name:	GB105031055540	Frampton Town Drain (upper end)	
National Grid Reference:	TF 33449 35293		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB530503100400		

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R65	Surveillance site: No
Waterbody ID and Name:	GB105031055550	Kirton Marsh Drain
National Grid Reference:	TF 35901 36468	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503100400	

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

Chemical Status

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

Waterbody Category and Map Code.:	River - R66	Surveillance site:	No
Waterbody ID and Name:	GB105030062230	Tile House Beck and Old River Witham	
National Grid Reference:	TF 11566 71551		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030062420		

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	Good	Good	
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 (M3a)

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R67	Surveillance site:	No
Waterbody ID and Name:	GB105030062240	Scothern Beck	
National Grid Reference:	TF 03111 77337		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030062290		

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	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	

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

Waterbody Category and Map Code.:	River - R68	Surveillance site: No
Waterbody ID and Name:	GB105030062250 Goltho Beck	
National Grid Reference:	TF 09424 74389	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030062290	

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

Waterbody Category and Map Code.:	River - R69	Surveillance site:	No
Waterbody ID and Name:	GB105030062260	Goulceby Beck	
National Grid Reference:	TF 26360 79203		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030062450		

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

Waterbody Category and Map Code.:	River - R70	Surveillance site:	No
Waterbody ID and Name:	GB105030062270	Stainfield Beck	
National Grid Reference:	TF 18040 79631		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030062290		

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

Waterbody Category and Map Code.:	River - R71	Surveillance site: No
Waterbody ID and Name:	GB105030062280	Tributary of Barlings Eau
National Grid Reference:	TF 02761 81123	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105030062290	

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	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	

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 to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R72	Surveillance site: No
Waterbody ID and Name:	GB105030062290	Barlings Eau
National Grid Reference:	TF 05660 77667	
Current Overall Potential	Poor	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105030062420	

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 (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)	High	High	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1b)
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)

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R73	Surveillance site: No
Waterbody ID and Name:	GB105030062310 Stainfield Beck	
National Grid Reference:	TF 16357 79376	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030062290	

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

Waterbody Category and Map Code.:	River - R74	Surveillance site:	No
Waterbody ID and Name:	GB105030062320	Faldingworth Beck	
National Grid Reference:	TF 04204 84916		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030062290		

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	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	

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

Waterbody Category and Map Code.:	River - R75	Surveillance site: No
Waterbody ID and Name:	GB105030062340	Faldingworth Beck
National Grid Reference:	TF 09218 81621	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030062290	

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

Waterbody Category and Map Code.:	River - R76	Surveillance site: No
Waterbody ID and Name:	GB105030077820	Wyberton Marsh Drain
National Grid Reference:	TF 34507 39725	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503000100	

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

Waterbody Category and Map Code.:	River - R77	Surveillance site:	No
Waterbody ID and Name:	GB105030056720	Grantham Canal	
National Grid Reference:	SK 90991 35828		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030056780		

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)	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	

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 to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R78	Surveillance site: No
Waterbody ID and Name:	GB105030056730	Upper Witham
National Grid Reference:	SK 85014 44028	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105030056780	

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	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	

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

Waterbody Category and Map Code.:	River - R79	Surveillance site:	No
Waterbody ID and Name:	GB105030056760	Upper Witham	
National Grid Reference:	SK 84533 50650		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030056780		

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	
Ammonia (Annex 8)	High	High	

Supporting conditions

Element	Current status (and certainty of 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 to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R80	Surveillance site:	No
Waterbody ID and Name:	GB105030056780	Upper Witham	
National Grid Reference:	SK 87959 55231		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030062370		

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	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	
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)

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

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	

Waterbody Category and Map Code.:	River - R81	Surveillance site: No
Waterbody ID and Name:	GB105030056800	Cow Croft Drain
National Grid Reference:	TF 49494 65784	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056440	

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

Waterbody Category and Map Code.:	River - R82	Surveillance site:	No
Waterbody ID and Name:	GB105030051530	Tributary of Risegate Eau	
National Grid Reference:	TF 18874 29638		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056640		

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	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	

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 timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R83	Surveillance site:	No
Waterbody ID and Name:	GB105030051550	Tributary of South Forty Foot	
National Grid Reference:	TF 14483 28151		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056640		

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	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R84	Surveillance site: Yes
Waterbody ID and Name:	GB105030051590	Cringle Brook
National Grid Reference:	SK 92367 29342	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Drinking Water Protected Area, Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030056780	

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	High	High	
Macrophytes	Good	Good	
Phytobenthos	Moderate (Very 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	High	High	
Temperature	High	High	
Copper	High	High	
Diazinon	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) 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	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	River - R85	Surveillance site:	No
Waterbody ID and Name:	GB105030062360	Bain (Grimblethorpe arm)	
National Grid Reference:	TF 23966 86926		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030062300		

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

Waterbody Category and Map Code.:	River - R86	Surveillance site: No
Waterbody ID and Name:	GB105030062390	Skellingthorpe Drain
National Grid Reference:	SK 91130 73978	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030062410	

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)	Good	Good	
Dissolved Oxygen	Poor (Uncertain)	Poor	Disproportionately expensive (DO1a)
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	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	Good	Good	

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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Sediment management strategies (develop and revise)	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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R87	Surveillance site:	No
Waterbody ID and Name:	GB105030062410	Lower Till	
National Grid Reference:	SK 90448 78842		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030062420		

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)	Good	Good	
Dissolved Oxygen	Poor (Uncertain)	Poor	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)	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)

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R88	Surveillance site: Yes
Waterbody ID and Name:	GB105030062420	Lower Witham
National Grid Reference:	TF 20311 55813	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage, Navigation	
Downstream Waterbody ID:	GB530503000100	

Ecological Potential

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
Fish	Moderate (Quite Certain)	Good	
Invertebrates	Good	Good	
Macrophytes	Moderate (Very Certain)	Moderate	Not Required (MS)
Phytobenthos	Moderate (Quite Certain)	Moderate	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	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1d)
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	Technically infeasible (M3c, M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Bank rehabilitation / reprofiling	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	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
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
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Vessel Management	In Place
Modify vessel design	In Place
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Sediment management	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
Increase in-channel morphological diversity	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
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)	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	
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	
DDT Total	High	High	
para - para DDT	High	High	
Tetrachloroethylene	High	High	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	River - R89	Surveillance site:	No
Waterbody ID and Name:	GB105030062430	River Lymn / Steeping	
National Grid Reference:	TF 39215 67950		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015		
Justification if overall objective is not good status by 2015:	Technically infeasible		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB530503016300		

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)	Good	Good	
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2a)
pH	High	High	
Phosphate	Good	Good	
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	

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 timing (vegetation control)	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Appropriate vegetation control technique	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
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Selective vegetation control regime	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	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
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

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
Hexachlorobenzene	High	High	
Hexachlorobutadiene	High	High	
Hexachlorocyclohexane	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	

Waterbody Category and Map Code.:	River - R90	Surveillance site: No
Waterbody ID and Name:	GB105030062440	Bucknall Catchwater
National Grid Reference:	TF 17073 66451	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105030062420	

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	Good	Good	
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 (M3a)

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R91	Surveillance site: No
Waterbody ID and Name:	GB105030062460	South Hykeham Catchwater
National Grid Reference:	SK 94227 64769	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030062370	

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 (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

Waterbody Category and Map Code.:	River - R92	Surveillance site: No
Waterbody ID and Name:	GB105030062480	Tributary of Till
National Grid Reference:	SK 86809 84393	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030062470	

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)	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

Waterbody Category and Map Code.:	River - R93	Surveillance site:	No
Waterbody ID and Name:	GB105030062490	Fillingham Beck	
National Grid Reference:	SK 90100 83870		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030062420		

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	Good	Good	
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	Good	Good	

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)	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Sediment management strategies (develop and revise)	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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R94	Surveillance site:	No
Waterbody ID and Name:	GB105030056120	Fulbeck Beck	
National Grid Reference:	SK 93035 51823		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030056130		

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

Waterbody Category and Map Code.:	River - R95	Surveillance site: No
Waterbody ID and Name:	GB105030056140	Anwick Catchwater
National Grid Reference:	TF 13158 52091	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056180	

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
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	Bad (Quite Certain)	Bad	Disproportionately expensive (DO1a)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Iron	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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R96	Surveillance site:	No
Waterbody ID and Name:	GB105030056190	Tributary of Dorrington Dike	
National Grid Reference:	TF 13490 54120		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056150		

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	Good	Good	
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	Good	Good	

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R97	Surveillance site:	No
Waterbody ID and Name:	GB105030056200	Walcott Bank Delph	
National Grid Reference:	TF 16169 59033		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive, Urban Waste Water Treatment Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030062420		

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	Good	Good	
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 (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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R98	Surveillance site:	No
Waterbody ID and Name:	GB105030056220	Car Dyke	
National Grid Reference:	TF 12895 60006		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030062420		

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	Good	Good	
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 (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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R99	Surveillance site:	No
Waterbody ID and Name:	GB105030056230	Dunston Beck	
National Grid Reference:	TF 06336 62536		
Current Overall Status	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Status by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Not Designated A/HMWB		
Reason for Designation:			
Downstream Waterbody ID:	GB105030056220		

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)	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 (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

Waterbody Category and Map Code.:	River - R100	Surveillance site:	No
Waterbody ID and Name:	GB105030056250	Car Dyke	
National Grid Reference:	TF 08014 64789		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB105030062420		

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	Good	Good	
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)

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 to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R101	Surveillance site:	No
Waterbody ID and Name:	GB105030056270	Tributary of Hobhole Drain	
National Grid Reference:	TF 40998 44364		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB640523160000		

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
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
Increase in-channel morphological diversity	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R102	Surveillance site:	No
Waterbody ID and Name:	GB105030056280	Tributary of Hobhole Drain	
National Grid Reference:	TF 39203 45330		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056320		

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	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)	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	

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
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Increase in-channel morphological diversity	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R103	Surveillance site:	No
Waterbody ID and Name:	GB105030056290	Leake Gride	
National Grid Reference:	TF 37850 50258		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056320		

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)	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	

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
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Increase in-channel morphological diversity	In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R104	Surveillance site:	No
Waterbody ID and Name:	GB105030056310	Tributary of Lade Bank Drain	
National Grid Reference:	TF 41142 53142		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056330		

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)	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	

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
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Increase in-channel morphological diversity	In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R105	Surveillance site:	No
Waterbody ID and Name:	GB105030056320	Tributary of Hobhole Drain	
National Grid Reference:	TF 35135 43389		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB530503000100		

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)	Good	Good	
Dissolved Oxygen	Good	Good	
pH	High	High	
Phosphate	Moderate (Very Certain)	Moderate	Disproportionately expensive (P1a)
Temperature	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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
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
Increase in-channel morphological diversity	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R106	Surveillance site: No
Waterbody ID and Name:	GB105030056330	Lade Bank (lower end)
National Grid Reference:	TF 39090 54614	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056320	

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)

Supporting elements

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	

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
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Increase in-channel morphological diversity	In Place

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R107	Surveillance site:	No
Waterbody ID and Name:	GB105030056350	Lade Bank Drain	
National Grid Reference:	TF 43389 55553		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056330		

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	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)	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	

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
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Increase in-channel morphological diversity	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R108	Surveillance site:	No
Waterbody ID and Name:	GB105030056370	Tributary of Steeping River	
National Grid Reference:	TF 47780 52346		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB640523160000		

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)	Poor (Very Certain)	Poor	Technically infeasible (A2b)
Dissolved Oxygen	Poor (Very Certain)	Poor	Technically infeasible (DO2b)
pH	High	High	
Phosphate	Poor (Very Certain)	Poor	Disproportionately expensive (P1a)
Temperature	High	High	
Ammonia (Annex 8)	Poor (Very Certain)	Poor	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	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
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
Increase in-channel morphological diversity	In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R109	Surveillance site: No
Waterbody ID and Name:	GB105030056390	Tributary of Steeping River
National Grid Reference:	TF 54613 58383	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB530503016300	

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

Waterbody Category and Map Code.:	River - R110	Surveillance site: No
Waterbody ID and Name:	GB105030056450	Little River Lymm
National Grid Reference:	TF 50931 61103	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056440	

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 timing (vegetation control)	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Appropriate vegetation control technique	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
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Selective vegetation control regime	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	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
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
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

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R111	Surveillance site: No
Waterbody ID and Name:	GB105030056460	West fen Catchwater Drain
National Grid Reference:	TF 33596 56675	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056790	

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	

Supporting elements

Element	Current status (and 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	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	Technically infeasible (M3c)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Appropriate timing (vegetation control)	In Place
Flood bunds (earth banks, in place of floodwalls)	In Place
Appropriate vegetation control technique	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
Sediment management strategies (develop and revise)	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate water level management strategies, including timing and volume of water moved	In Place
Selective vegetation control regime	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	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
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

Chemical Status

Current Status (and certainty that status is less than good)	Does not require assessment
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Waterbody Category and Map Code.:	River - R112	Surveillance site:	No
Waterbody ID and Name:	GB105030056490	Ousemere Lode	
National Grid Reference:	TF 11677 34525		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056640		

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	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R113	Surveillance site:	No
Waterbody ID and Name:	GB105030056540	Tributary of Hammond Beck	
National Grid Reference:	TF 26769 40334		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056590		

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 timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R114	Surveillance site:	No
Waterbody ID and Name:	GB105030056550	Tributary of Hammond Beck	
National Grid Reference:	TF 24944 40473		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105031055530		

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 timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R115	Surveillance site: No
Waterbody ID and Name:	GB105030056590	Old Hammond Beck
National Grid Reference:	TF 25538 42227	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056600	

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)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Waterbody Category and Map Code.:	River - R116	Surveillance site:	No
Waterbody ID and Name:	GB105030056210	Metheringham Beck	
National Grid Reference:	TF 08528 61493		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056220		

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	Good	Good	
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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	River - R117	Surveillance site:	No
Waterbody ID and Name:	GB105030056610	Helpringham Eau	
National Grid Reference:	TF 13925 41003		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030056640		

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 (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	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R118	Surveillance site: No
Waterbody ID and Name:	GB105030051580	Wyville Brook
National Grid Reference:	SK 90173 28541	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030051590	

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

Waterbody Category and Map Code.:	River - R119	Surveillance site: No
Waterbody ID and Name:	GB105030062330	Legsby Beck
National Grid Reference:	TF 06549 83218	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030062290	

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	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

Waterbody Category and Map Code.:	River - R120	Surveillance site:	No
Waterbody ID and Name:	GB105030051520	Rippingale Running Dyke	
National Grid Reference:	TF 14509 27449		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive		
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105030051510		

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	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	

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 timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	River - R121	Surveillance site: No
Waterbody ID and Name:	GB105030051560 Cringle Brook	
National Grid Reference:	SK 90081 25546	
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Freshwater Fish Directive, Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB105030051590	

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

Waterbody Category and Map Code.:	River - R122	Surveillance site: No
Waterbody ID and Name:	GB105029061720	Boygriff Drain (upper end)
National Grid Reference:	TF 49427 75133	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105029061740	

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

Waterbody Category and Map Code.:	River - R123	Surveillance site: No
Waterbody ID and Name:	GB105030056480	Billingsborough Lode
National Grid Reference:	TF 14740 32536	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:	GB105030056640	

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	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	

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 channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	River - R124	Surveillance site:	No
Waterbody ID and Name:	GB105029061640	Trusthorpe Pump Drain (upper end)	
National Grid Reference:	TF 48241 82974		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Land Drainage		
Downstream Waterbody ID:	GB105029061660		

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	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	

Chemical Status

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

Waterbody Category and Map Code.:	River - R125	Surveillance site: No
Waterbody ID and Name:	GB105030062220	Stainfield Beck
National Grid Reference:	TF 12991 74181	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB105030062290	

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	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	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
Appropriate techniques to align and attenuate flow to limit detrimental effects of these features (drainage)	In Place
Appropriate channel maintenance strategies and techniques - woody debris	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	In Place
Sediment management strategies (develop and revise)	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
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

Chemical Status

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

Waterbody Category and Map Code.:	Lake - L1	Surveillance site: No
Waterbody ID and Name:	GB30533426	Swanholme Lakes
National Grid Reference:	SK 94583 68560	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Recreation, Wider Environment	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Lake - L2	Surveillance site:	No
Waterbody ID and Name:	GB30533852	Tattershall Gravel Pits, Mr Windleys Pit 3	
National Grid Reference:	TF 19620 59482		
Current Overall Potential	Good		
Status Objective (Overall):	Good by 2015	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2015		
Justification if overall objective is not good status by 2015:			
Protected Area Designation:	Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Artificial		
Reason for Designation:	Wider Environment		
Downstream Waterbody ID:			

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

Waterbody Category and Map Code.:	Lake - L3	Surveillance site: No
Waterbody ID and Name:	GB30533132	Chapel Pit NR
National Grid Reference:	TF 55827 73909	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Recreation, Wider Environment	
Downstream Waterbody ID:		

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

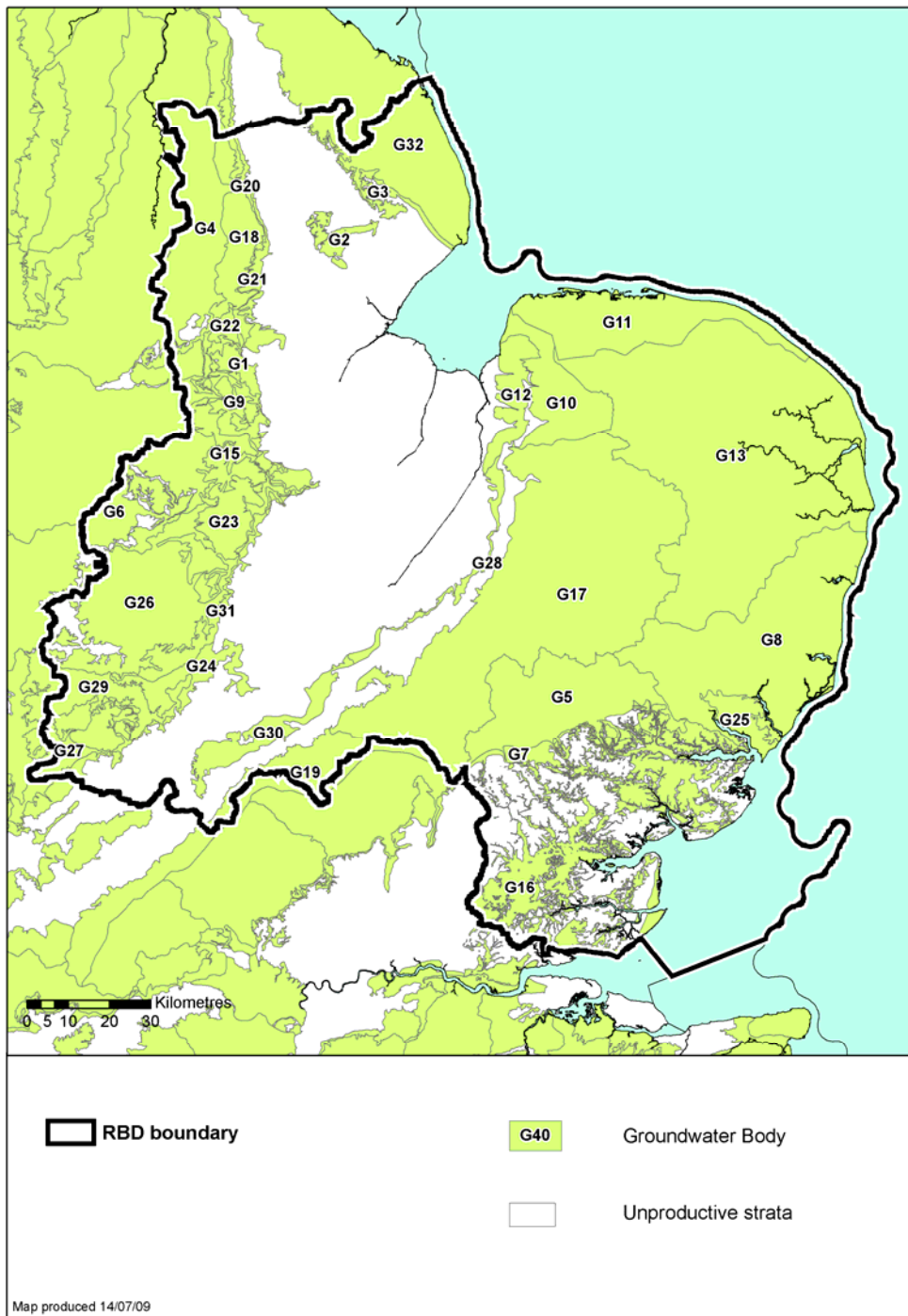
Current Status (and certainty that status is less than good) Does not require assessment

B.16 Groundwaters

Groundwater bodies in the Anglian river basin district

There are 31 groundwater bodies in the Anglian river basin district.

Figure B.16.1 Groundwater bodies in the Anglian river basin district



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Water body tables for groundwater in the Anglian 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.

Waterbody Category and Map Code.:	Groundwater - G1
Waterbody ID and Name:	GB40502G446000 Welland Limestone Unit
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (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	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
Nitrate	42.000	mg/l	No	No			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
Propetamphos	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
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

Waterbody Category and Map Code.:	Groundwater - G2
Waterbody ID and Name:	GB40503G000100 Witham Bain and Gravels
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area
Groundwater body has an upward trend in pollutant concentrations:	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	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
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.248	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
Diuron	0.075	ug/l	No	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	0.018	ug/l	No	Yes			No	75% of relevant TV
Dichlorprop	75.000	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
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
MCPA	0.075	ug/l	No	Yes			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G3	
Waterbody ID and Name:	GB40501G401700	Steeping Great Eau Long Eau /Witham Spilsby Sandstone Unit
Current Overall Status	Good	
Status Objective (Overall):	Good by 2015	
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive	
Groundwater body has an upward trend in pollutant concentrations:	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

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	62.901	ug/l	No	No			No	75% of relevant TV
Nitrate	42.000	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
Ammonia	0.300	mg/l	Yes	No	0.000	0	No	75% of relevant TV
Phosphate	62.901	ug/l	No	No			No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G4
Waterbody ID and Name:	GB40502G401400 Witham Lias U
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G5
Waterbody ID and Name:	GB40501G400700 North Essex Chalk
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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	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	Yes	No	0.300	0.300	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.185	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	Yes	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
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.015	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
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
Nitrate	42.000	mg/l	Yes	No			Yes	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
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G6
Waterbody ID and Name:	GB40502G304000 Welland Lower Jurassic Unit
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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
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Waterbody Category and Map Code.:	Groundwater - G7
Waterbody ID and Name:	GB40502G400900 North Essex Lower London Tertiaries
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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	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 (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
Bentazone	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	0.213	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
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.021	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	No	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
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

Waterbody Category and Map Code.:	Groundwater - G8
Waterbody ID and Name:	GB40501G400600 Waveney and East Suffolk Chalk & Crag
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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) Poor (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	Poor (Low)	Poor	Disproportionately expensive (GC4a)
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
Abstraction and other artificial flow pressures	Saline Intrusion	General Chemical Test, Saline Intrusion 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
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
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	Yes	No	0.000	0.300	No	75% of relevant TV
Phosphate	44.793	ug/l	No	No	0.000	667.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.112	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
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.011	ug/l	No	Yes			No	75% of relevant TV
MCPA	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
Dichlorprop	75.000	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
Electrical conductivity	1875.000	uS/cm	Yes	No			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
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G9
Waterbody ID and Name:	GB40501G445300 Welland Mid Jurassic Unit
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (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	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

Waterbody Category and Map Code.:	Groundwater - G10
Waterbody ID and Name:	GB40501G400200 North West Norfolk Chalk
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (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	Good (Low)	Good	
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
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)								
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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	125.612	ug/l	No	No			No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.105	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	0.011	ug/l	No	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			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	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

Waterbody Category and Map Code.:	Groundwater - G11
Waterbody ID and Name:	GB40501G400100 North Norfolk Chalk
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (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	Good (Low)	Good	
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 (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
Nutrients	Trends in Nitrate	GWDTE Test, DrWPA Test
Hazardous Substances and other pollutants, Nutrients, Abstraction and other artificial flow pressures	DrWPA	DrWPA Test
Abstraction and other artificial flow pressures	Saline Intrusion	General Chemical Test, Saline Intrusion 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
Phosphate	41.365	ug/l	Yes	No	0.000	0	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.103	ug/l	Yes	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
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
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.010	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
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
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	No	Yes			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G12
Waterbody ID and Name:	GB40501G400400 North west Norfolk Sandringham Sands
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (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 (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	Yes	No	0.300	0.300	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.104	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	Yes	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	Yes	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
Diazinon	0.010	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
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
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
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
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G13
Waterbody ID and Name:	GB40501G400300 Broadland Rivers Chalk & Crag
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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	Poor (Low)	Poor	Disproportionately expensive (GQ1d)
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) Poor (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	Poor (Low)	Poor	Disproportionately expensive (GC4a)
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
Abstraction and other artificial flow pressures	Saline Intrusion	General Chemical Test, Saline Intrusion 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
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	Yes	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	Yes	No	0.300	0.300	Yes	75% of relevant TV
Phosphate	46.164	ug/l	Yes	No	0.000	667.000	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
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	Yes	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.011	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Carbetamide	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Clopyralid	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
Electrical conductivity	1875.000	uS/cm	Yes	No			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
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	Yes	Yes			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G15
Waterbody ID and Name:	GB40501G445900 Welland Limestone Unit
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (Low)	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 (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		
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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
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
Abstraction and other artificial flow pressures	Saline Intrusion	General Chemical Test, Saline Intrusion 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	Yes	No	0.300	1.130	No	75% of relevant TV
Phosphate	89.000	ug/l	No	No	89.000	93.500	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.123	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
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	Yes	Yes			No	75% of relevant TV
Cypermethrin	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			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	Yes	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	Yes	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
Dichlorprop	75.000	ug/l	No	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
Electrical conductivity	1875.000	uS/cm	Yes	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G16
Waterbody ID and Name:	GB40503G000400 Essex Gravels
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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	Good (Low)	Good	
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

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

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	Yes	No	0.000	0.300	Yes	75% of relevant TV
Phosphate	56.495	ug/l	Yes	No	0.000	292.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.141	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	Yes	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	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			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
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
Cyanazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Dalapon	0.075	ug/l	No	Yes			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G17
Waterbody ID and Name:	GB40501G400500 Cam and Ely Ouse Chalk
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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	Poor (Low)	Poor	Disproportionately expensive (GQ1d)
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	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	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	0.070	0.300	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.104	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Nickel (Total)	15.000	ug/l	Yes	Yes	7.500	10.700	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	Yes	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
1,1,1-Trichloroethane	7.500	ug/l	No	Yes			No	75% of relevant TV
Dichloromethane	7.500	ug/l	Yes	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			Yes	75% of relevant TV
Chloroform	2.610	ug/l	Yes	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diuron	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.010	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	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
Nitrate	42.000	mg/l	Yes	No	7.500	7.500	Yes	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

Waterbody Category and Map Code.: Groundwater - G18

Waterbody ID and Name: [GB40501G444800](#) Witham Limestone Unit

Current Overall Status Good

Status Objective (Overall): Good by 2015

Status Objective(s): Good Quantitative Status by 2015, Good Chemical Status by 2015

Justification if overall objective is not good status by 2015:

Protected Area Designation: Drinking Water Protected Area, Nitrates Directive

Groundwater body has an upward trend in pollutant concentrations: 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 (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	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
Abstraction and other artificial flow pressures	Saline Intrusion	General Chemical Test, Saline Intrusion 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	Yes	No	0.300	1.130	No	75% of relevant TV
Phosphate	127.280	ug/l	No	No	89.000	93.500	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.106	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	Yes	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	Yes	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.011	ug/l	No	Yes			No	75% of relevant TV
MCPA	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Propazine	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
Electrical conductivity	1875.000	uS/cm	Yes	No			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
Carbendazim	0.075	ug/l	Yes	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
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Dichlorprop	75.000	ug/l	No	Yes			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G19
Waterbody ID and Name:	GB40601G603000 Upper Bedford Ouse Chalk
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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) 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
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
Diuron	0.075	ug/l	No	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	No	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	No	No	0.070	0.750	No	75% of relevant TV
Phosphate	123.938	ug/l	No	No	6.500	192.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.108	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	Yes	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
Permethrin-cis+trans	0.011	ug/l	No	Yes			No	75% of relevant TV
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.010	ug/l	No	Yes			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No	7.500	7.500	Yes	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
Propetamphos	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

Waterbody Category and Map Code.:	Groundwater - G20
Waterbody ID and Name:	GB40501G444900 Blisworth Limestone Rutland formation
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (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 (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
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
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G21
Waterbody ID and Name:	GB40502G445000 Cornbrash
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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
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
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G22
Waterbody ID and Name:	GB40501G445100 Witham Limestone Unit
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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	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 (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
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
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G23
Waterbody ID and Name:	GB40501G445400 Nene Northampton Sands
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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, 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	No	No	0.000	0	No	75% of relevant TV
Phosphate	358.532	ug/l	No	No			No	75% of relevant TV
Nitrate	42.000	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
Ammonia	0.300	mg/l	No	No	0.000	0	No	75% of relevant TV
Phosphate	358.532	ug/l	No	No			No	75% of relevant TV
Nitrate	42.000	mg/l	No	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G24
Waterbody ID and Name:	GB40501G445600 Upper Bedford Ouse Principal Oolite 2
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (Low)	Good	
Water Balance	Good (High)	Good	

Chemical Status

Current Status (and confidence in this assessment) Poor (Low)

Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (Low)	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 (Low)	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
Abstraction and other artificial flow pressures	Saline Intrusion	General Chemical Test, Saline Intrusion 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	Yes	No	0.300	0.300	No	75% of relevant TV
Phosphate	258.633	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
Fluoranthene	0.216	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
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
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.022	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	No	Yes			No	75% of relevant TV
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
Electrical conductivity	1875.000	uS/cm	No	No			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

Waterbody Category and Map Code.:	Groundwater - G25
Waterbody ID and Name:	GB40501G401800 Felixstowe Peninsula Crag & Chalk
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (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	Good (Low)	Good	
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 (Low)	Good	

Pressures and Risks

Pressures	Risk Category	Element against which assessed
Hazardous Substances and other pollutants	Point Sources	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
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
Abstraction and other artificial flow pressures	Saline Intrusion	General Chemical Test, Saline Intrusion 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
Xylene -p+m	33.333	ug/l	No	Yes			No	75% of relevant TV
Anthracene	0.120	ug/l	No	Yes			No	75% of relevant TV
Benzene	0.750	ug/l	No	Yes			No	75% of relevant TV
Toluene	55.556	ug/l	No	No			No	75% of relevant TV
Arsenic (Total)	7.500	ug/l	No	Yes	5.500	17.150	No	75% of relevant TV
Copper (Dissolved)	11.111	ug/l	Yes	No	4.000	28.950	No	75% of relevant TV
Copper (Total)	11.111	ug/l	Yes	No	4.000	28.950	No	75% of relevant TV
Zinc (Total)	83.333	ug/l	No	No	7.800	220.000	No	75% of relevant TV
Nickel (Total)	15.000	ug/l	No	Yes	10.000	10.000	No	75% of relevant TV
Ammonia	0.300	mg/l	No	No	0.300	0.300	No	75% of relevant TV
Phosphate	44.444	ug/l	Yes	No	0.000	667.000	No	75% of relevant TV
Carbon tetrachloride	2.250	ug/l	No	Yes			No	75% of relevant TV
Pentachlorophenol	0.444	ug/l	No	Yes			No	75% of relevant TV
Chromium (Total)	5.556	ug/l	No	Yes	1.000	1.450	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	No	Yes			No	75% of relevant TV
TCE	7.500	ug/l	No	Yes			No	75% of relevant TV
Chloroform	2.778	ug/l	No	Yes			No	75% of relevant TV
Zinc (Dissolved)	83.333	ug/l	Yes	No	7.800	220.000	No	75% of relevant TV
Chromium (Dissolved)	5.556	ug/l	Yes	Yes	1.000	1.450	No	75% of relevant TV
Nickel (Dissolved)	15.000	ug/l	No	Yes	10.000	10.000	No	75% of relevant TV
Phenol	7.500	ug/l	No	No			No	75% of relevant TV
Naphthalene	2.709	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)	8.000	ug/l	No	Yes			No	75% of relevant TV
Lead (Dissolved)	8.000	ug/l	Yes	Yes			No	75% of relevant TV
Cadmium (Dissolved)	0.222	ug/l	Yes	Yes			No	75% of relevant TV
Cadmium (Total)	0.222	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
Electrical conductivity	1875.000	uS/cm	No	No			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Bromate	0.008	mg/l	No	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G26
Waterbody ID and Name:	GB40502G402400 Nene Mid Lower Jurassic Unit
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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, 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

Waterbody Category and Map Code.:	Groundwater - G27
Waterbody ID and Name:	GB40501G402300 Upper Bedford Ouse Oolite Principal 1
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (Low)

Chemical elements

Element	Current status (and confidence)	Predicted Status by 2015	Justification for not achieving good status by 2015
Drinking Water Protected Area	Poor (Low)	Poor	Disproportionately expensive (GC4a)
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	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
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
Phosphate	200.000	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
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
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
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.017	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
Nitrate	42.000	mg/l	Yes	No			Yes	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G28
Waterbody ID and Name:	GB40501G445700 Cam and Ely Ouse Woburn Sands
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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) 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 (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
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
Ammonia	0.300	mg/l	Yes	No	0.300	0.300	No	75% of relevant TV
Phosphate	297.000	ug/l	No	No	297.000	297.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.121	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
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	0.012	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
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

Waterbody Category and Map Code.:	Groundwater - G29
Waterbody ID and Name:	GB40502G401300 Upper Bedford Ouse Oolite Secondary
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (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	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

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
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
Ammonia	0.300	mg/l	Yes	No	0.000	0.300	No	75% of relevant TV
Phosphate	166.309	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
Fluoranthene	0.222	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
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			No	75% of relevant TV
Carbendazim	0.075	ug/l	No	Yes			No	75% of relevant TV
MCPA	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
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
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
Propetamphos	0.075	ug/l	No	Yes			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G30
Waterbody ID and Name:	GB40501G402200 Upper Bedford Ouse Woburn Sands
Current Overall Status	Poor
Status Objective (Overall):	Good by 2027
Status Objective(s):	Good Quantitative Status by 2027, Good Chemical Status by 2027
Justification if overall objective is not good status by 2015:	Disproportionately expensive
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (High)	Good	
Water Balance	Poor (Low)	Poor	Disproportionately expensive (GQ1c)

Chemical Status

Current Status (and confidence in this assessment) Poor (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	Poor (Low)	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
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)								
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Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Diuron	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Bentazone	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	Yes	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	Yes	No	0.300	0.300	No	75% of relevant TV
Phosphate	297.000	ug/l	No	No	297.000	297.000	No	75% of relevant TV
Chlorfenvinphos	0.075	ug/l	No	Yes			No	75% of relevant TV
Fluoranthene	0.236	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
Cypermethrin	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.021	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	Yes	Yes			No	75% of relevant TV
Carbendazim	0.075	ug/l	Yes	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
Propetamphos	0.075	ug/l	No	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
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G31
Waterbody ID and Name:	GB40501G445500 Northampton Sands
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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	Point Sources	General Chemical Test, GWDTE Test, DrWPA Test, GW-SW Test
Nutrients	Nitrate	General Chemical Test, GWDTE Test, DrWPA 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	No	No	0.000	0	No	75% of relevant TV
Phosphate	236.240	ug/l	No	No			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Bromate	0.008	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
Ammonia	0.300	mg/l	No	No	0.000	0	No	75% of relevant TV
Phosphate	236.240	ug/l	No	No			No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No			No	75% of relevant TV
Bromate	0.008	mg/l	No	No			No	75% of relevant TV

Waterbody Category and Map Code.:	Groundwater - G32
Waterbody ID and Name:	GB40501G401600 Steeping Long Eau Little Eau Chalk Unit
Current Overall Status	Good
Status Objective (Overall):	Good by 2015
Status Objective(s):	Good Quantitative Status by 2015, Good Chemical Status by 2015
Justification if overall objective is not good status by 2015:	
Protected Area Designation:	Drinking Water Protected Area, Nitrates Directive
Groundwater body has an upward trend in pollutant concentrations:	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 (High)	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
Abstraction and other artificial flow pressures	Saline Intrusion	General Chemical Test, Saline Intrusion Test, DrWPA Test

Threshold value (TV), trends and other relevant information (for groundwater only)							
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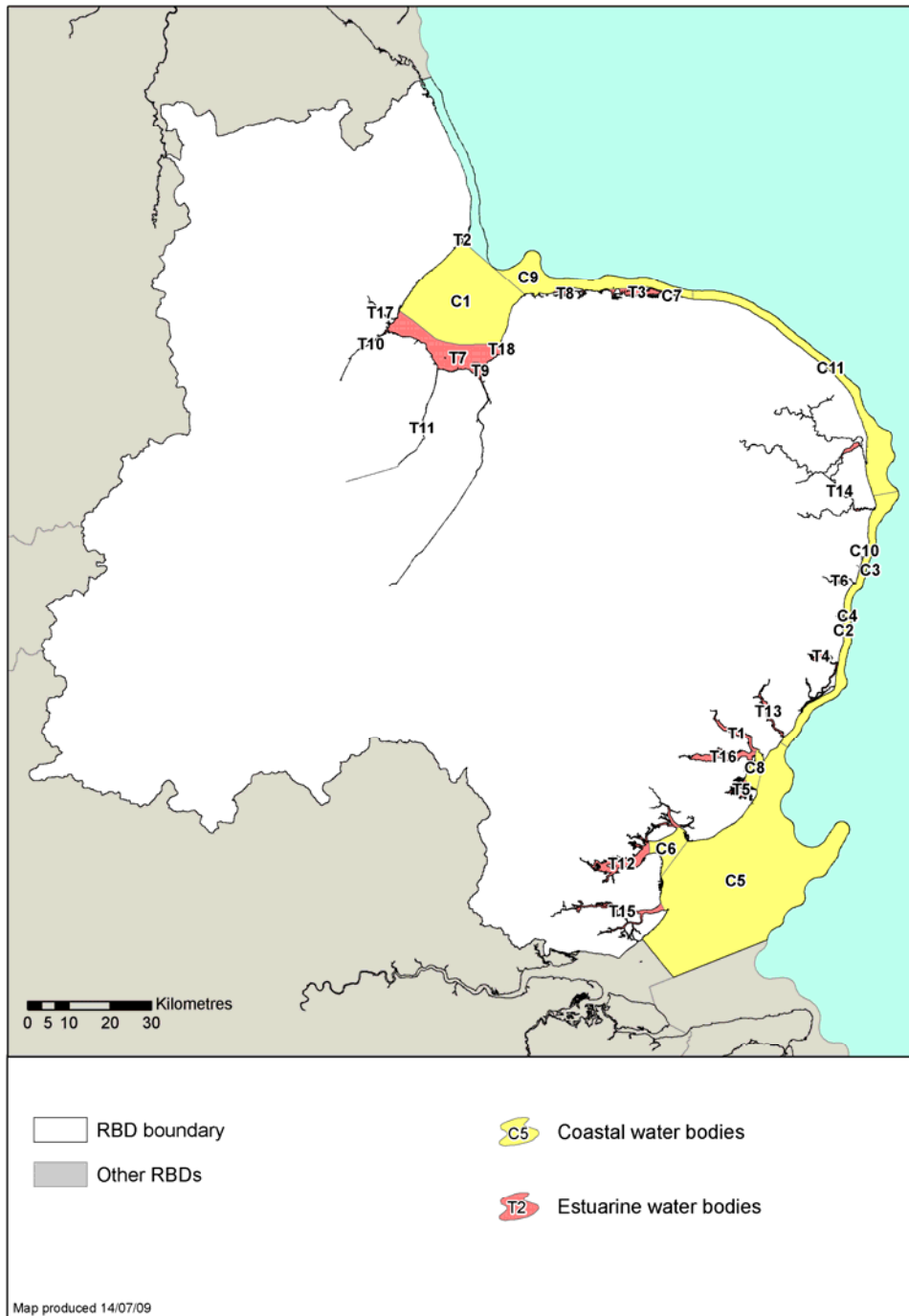
Substance	TV	Units	Exceedance	Hazardous	Min NBL	Max NBL	Upward trend	Starting point for reversing the trend
Simazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Atrazine	0.075	ug/l	No	Yes			No	75% of relevant TV
Isoproturon	0.075	ug/l	No	Yes			No	75% of relevant TV
Ammonia	0.300	mg/l	Yes	No	0.000	0.010	No	75% of relevant TV
Chlorfenvinphos	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
Fluoranthene	0.157	ug/l	No	Yes			No	75% of relevant TV
Mecoprop	0.075	ug/l	No	Yes			No	75% of relevant TV
Diazinon	0.012	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
Electrical conductivity	1875.000	uS/cm	No	No	888.000	888.000	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
Sodium	112.500	mg/l	No	No	30.000	30.000	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
Chloride	55.500	mg/l	No	No	55.500	55.500	No	75% of relevant TV
Sulphate	130.000	mg/l	No	No	130.000	130.000	No	75% of relevant TV
Nitrate	42.000	mg/l	Yes	No	18.200	18.200	No	75% of relevant TV

B.17 Estuaries and Coastal Waters

Estuarine and Coastal water bodies in the Anglian river basin district

There are 18 estuarine water bodies and 11 coastal water bodies in the Anglian river basin district.

Figure B.17.1 Estuarine and coastal water bodies in the Anglian river basin district



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Waterbody Category and Map Code.:	Coastal - C1	Surveillance site: Yes
Waterbody ID and Name:	GB640523160000 Wash Outer	
National Grid Reference:	TF 56448 45123	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:		

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	
Macroalgae	High	High	
Phytoplankton	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
Dissolved Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1a)
Dissolved Oxygen	High	High	

Chemical Status

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

Waterbody Category and Map Code.:	Coastal - C2	Surveillance site: No
Waterbody ID and Name:	GB610050076000	Walberswick Marshes
National Grid Reference:	TM 46956 66770	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Coastal - C3	Surveillance site: No
Waterbody ID and Name:	GB610050081000	Covehithe Broad
National Grid Reference:	TM 52054 81351	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Coastal - C4	Surveillance site: No
Waterbody ID and Name:	GB650503520002	Suffolk
National Grid Reference:	TM 46705 52695	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Coastal Protection, Flood Protection	
Downstream Waterbody ID:		

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
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
Dissolved Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1o)
Dissolved Oxygen	High	High	
Copper	High	High	
Iron	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) 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	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	Coastal - C5	Surveillance site: No
Waterbody ID and Name:	GB650503520001 Essex	
National Grid Reference:	TM 26122 07726	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Coastal Protection, Flood Protection	
Downstream Waterbody ID:		

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	
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
Dissolved Inorganic Nitrogen	Good	Good	
Dissolved Oxygen	High	High	
Copper	High	High	
Iron	High	High	
Un-ionised ammonia	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 (M3f)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Managed realignment of flood defence	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	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	Coastal - C6	Surveillance site: Yes
Waterbody ID and Name:	GB650503200000	Blackwater Outer
National Grid Reference:	TM 04363 09635	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:		

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	
Macroalgae	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
Dissolved Inorganic Nitrogen	Good	Good	
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	Good	Good	

Chemical Status

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

Waterbody Category and Map Code.:	Coastal - C7	Surveillance site: No
Waterbody ID and Name:	GB610050082000	Blakeney Spit Lagoon
National Grid Reference:	TG 04921 45207	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Coastal - C8	Surveillance site: No
Waterbody ID and Name:	GB650503190000	Harwich Approaches
National Grid Reference:	TM 25950 28331	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Coastal Protection, Dredge Disposal, Navigation	
Downstream Waterbody ID:		

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 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	Good	Good	
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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management	In Place
Alter timing of dredging / disposal	In Place
Reduce sediment resuspension	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Coastal - C9	Surveillance site: No
Waterbody ID and Name:	GB640503300000	Norfolk North
National Grid Reference:	TF 70325 49719	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:		

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
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
Dissolved Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1o)
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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Indirect / offsite mitigation (offsetting measures)	In Place
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Increase in-channel morphological diversity	In Place

Chemical Status

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

Waterbody Category and Map Code.:	Coastal - C10	Surveillance site: No
Waterbody ID and Name:	GB610050071000	Benacre Broad
National Grid Reference:	TM 52843 82935	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Coastal - C11	Surveillance site: No
Waterbody ID and Name:	GB650503520003	Norfolk East
National Grid Reference:	TG 36054 34161	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive)	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Coastal Protection, Flood Protection	
Downstream Waterbody ID:		

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
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
Dissolved Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1o)
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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place

Chemical Status

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

Waterbody Category and Map Code.:	Transitional - T1	Surveillance site: Yes
Waterbody ID and Name:	GB520503613601 ORWELL	
National Grid Reference:	TM 20954 38959	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation	
Downstream Waterbody ID:	GB650503190000	

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)
Macroalgae	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 Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1o)
Dissolved Oxygen	High	High	
Arsenic	High	High	
Copper	High	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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Vessel Management	In Place
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Alter timing of dredging / disposal	In Place
Reduce sediment resuspension	In Place
Prepare a dredging / disposal strategy	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
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	
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	

Waterbody Category and Map Code.:	Transitional - T2	Surveillance site: No
Waterbody ID and Name:	GB530503016300	STEEPING
National Grid Reference:	TF 55114 58530	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB640523160000	

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
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
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Operational and structural changes to locks, sluices, weirs, beach control, etc	In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	In Place
Indirect / offsite mitigation (offsetting measures)	Not In Place
Bank rehabilitation / reprofiling	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

Waterbody Category and Map Code.:	Transitional - T3	Surveillance site: No
Waterbody ID and Name:	GB520503403600	STIFFKEY/ GLAVEN
National Grid Reference:	TF 98844 45147	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Bathing Water Directive, Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB640503300000	

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

Waterbody Category and Map Code.:	Transitional - T4	Surveillance site: Yes
Waterbody ID and Name:	GB520503503800	ALDE & ORE
National Grid Reference:	TM 41502 57141	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB650503520002	

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
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	

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

Waterbody Category and Map Code.:	Transitional - T5	Surveillance site: No
Waterbody ID and Name:	GB520503713700	HAMFORD WATER
National Grid Reference:	TM 22583 23608	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB650503190000	

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 (B1a)

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	
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	
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
Cadmium And Its Compounds	High	High	
Lead And Its Compounds	High	High	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	Transitional - T6	Surveillance site: No
Waterbody ID and Name:	GB510503503700 BLYTH (S)	
National Grid Reference:	TM 46818 75782	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Coastal Protection, Flood Protection	
Downstream Waterbody ID:	GB650503520002	

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	

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	

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

Chemical Status

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

Waterbody Category and Map Code.:	Transitional - T7	Surveillance site: Yes
Waterbody ID and Name:	GB530503311300 WASH INNER	
National Grid Reference:	TF 50838 30063	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation, Shell Fisheries	
Downstream Waterbody ID:	GB640523160000	

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	Disproportionately expensive (M2b)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Vessel 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
Mercury And Its Compounds	High	High	
Trichloromethane	High	High	

Waterbody Category and Map Code.:	Transitional - T8	Surveillance site: No
Waterbody ID and Name:	GB510503403500	BURN & MOW & OVERY & NORTON
National Grid Reference:	TF 80133 45290	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	ShellFisheries	
Downstream Waterbody ID:	GB640503300000	

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	

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	Disproportionately expensive (M2b)

Chemical Status

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

Waterbody Category and Map Code.:	Transitional - T9	Surveillance site: Yes
Waterbody ID and Name:	GB530503300300 GREAT OUSE	
National Grid Reference:	TF 57798 27049	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation	
Downstream Waterbody ID:	GB530503311300	

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	

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	

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
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Reduce sediment resuspension	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	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) 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
Mercury And Its Compounds	Moderate (Uncertain)	Moderate	Technically infeasible (C2a)

Waterbody Category and Map Code.:	Transitional - T10	Surveillance site: Yes
Waterbody ID and Name:	GB530503100400 WELLAND	
National Grid Reference:	TF 28999 30317	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:	GB530503311300	

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	
Copper	High	High	
Zinc	High	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
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	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
Bank rehabilitation / reprofiling	Not In Place
Increase in-channel morphological diversity	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) 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	

Waterbody Category and Map Code.:	Transitional - T11	Surveillance site: No
Waterbody ID and Name:	GB530503200200 NENE	
National Grid Reference:	TF 45707 13005	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation	
Downstream Waterbody ID:	GB530503311300	

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	
Copper	High	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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Alter timing of dredging / disposal	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	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	Transitional - T12	Surveillance site: Yes
Waterbody ID and Name:	GB520503713900	BLACKWATER & COLNE
National Grid Reference:	TL 97618 07596	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Bathing Water Directive, Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Coastal Protection, Flood Protection, Navigation	
Downstream Waterbody ID:	GB650503200000	

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	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	
Phenol	High	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
Managed realignment of flood defence	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) 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	
Atrazine	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	
Simazine	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	

Waterbody Category and Map Code.:	Transitional - T13	Surveillance site:	No
Waterbody ID and Name:	GB520503503900	DEBEN	
National Grid Reference:	TM 29509 44015		
Current Overall Potential	Moderate		
Status Objective (Overall):	Good by 2027	<i>(For Protected Area Objectives see Annex D)</i>	
Status Objective(s):	Good Ecological Potential by 2027		
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible		
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive		
SSSI (Non-N2K) related:	No		
Hydromorphological Designation:	Heavily Modified		
Reason for Designation:	Flood Protection		
Downstream Waterbody ID:	GB650503520002		

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
Dissolved Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1a)
Dissolved Oxygen	High	High	
Copper	Moderate (Very Certain)	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	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

Waterbody Category and Map Code.:	Transitional - T14	Surveillance site: Yes
Waterbody ID and Name:	GB510503410700	BURE & WAVENEY & YARE & LOTHING
National Grid Reference:	TG 46288 03159	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Urban Waste Water Treatment Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation, Structure	
Downstream Waterbody ID:	GB650503520002	

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 (Uncertain)	Moderate	Not Required (MS)
Invertebrates	Good	Good	
Macroalgae	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 Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1o)
Dissolved Oxygen	High	High	
Copper	High	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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Retain marginal aquatic and riparian habitats (channel alteration)	In Place
Manage disturbance	In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	In Place
Sediment management	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	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
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	
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	

Waterbody Category and Map Code.:	Transitional - T15	Surveillance site: No
Waterbody ID and Name:	GB520503704100 CROUCH	
National Grid Reference:	TQ 90551 96359	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive, Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB650503520001	

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
Dissolved Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1a)
Dissolved Oxygen	High	High	
Copper	High	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) 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	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	

Waterbody Category and Map Code.:	Transitional - T16	Surveillance site: Yes
Waterbody ID and Name:	GB520503613602	STOUR (ESSEX)
National Grid Reference:	TM 18187 33212	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation	
Downstream Waterbody ID:	GB650503190000	

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)
Macroalgae	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 Inorganic Nitrogen	Moderate (Uncertain)	Moderate	Disproportionately expensive (N1o)
Dissolved Oxygen	High	High	
Copper	High	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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Sediment management	In Place
Alter timing of dredging / disposal	In Place
Reduce sediment resuspension	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	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	
Mercury And Its Compounds	High	High	
Nickel And Its Compounds	High	High	
Trichloroethylene	High	High	

Waterbody Category and Map Code.:	Transitional - T17	Surveillance site: Yes
Waterbody ID and Name:	GB530503000100 WITHAM	
National Grid Reference:	TF 34887 41506	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Freshwater Fish Directive, Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection, Navigation	
Downstream Waterbody ID:	GB530503311300	

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	
Arsenic	High	High	
Copper	High	High	
Permethrin	High	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	Good	Good	

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Alter timing of dredging / disposal	In Place
Reduce impact of dredging	In Place
Prepare a dredging / disposal strategy	In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	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) 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	
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	
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	

Waterbody Category and Map Code.:	Transitional - T18	Surveillance site: No
Waterbody ID and Name:	GB560503316700	Wolferston Lagoon Complex
National Grid Reference:	TF 64876 31675	
Current Overall Status	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Status by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Natura 2000 (Habitats and/or Birds Directive), Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Not Designated A/HMWB	
Reason for Designation:		
Downstream Waterbody ID:	GB530503311300	

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
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

Water body tables for estuaries and coastal waters in the Anglian 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.

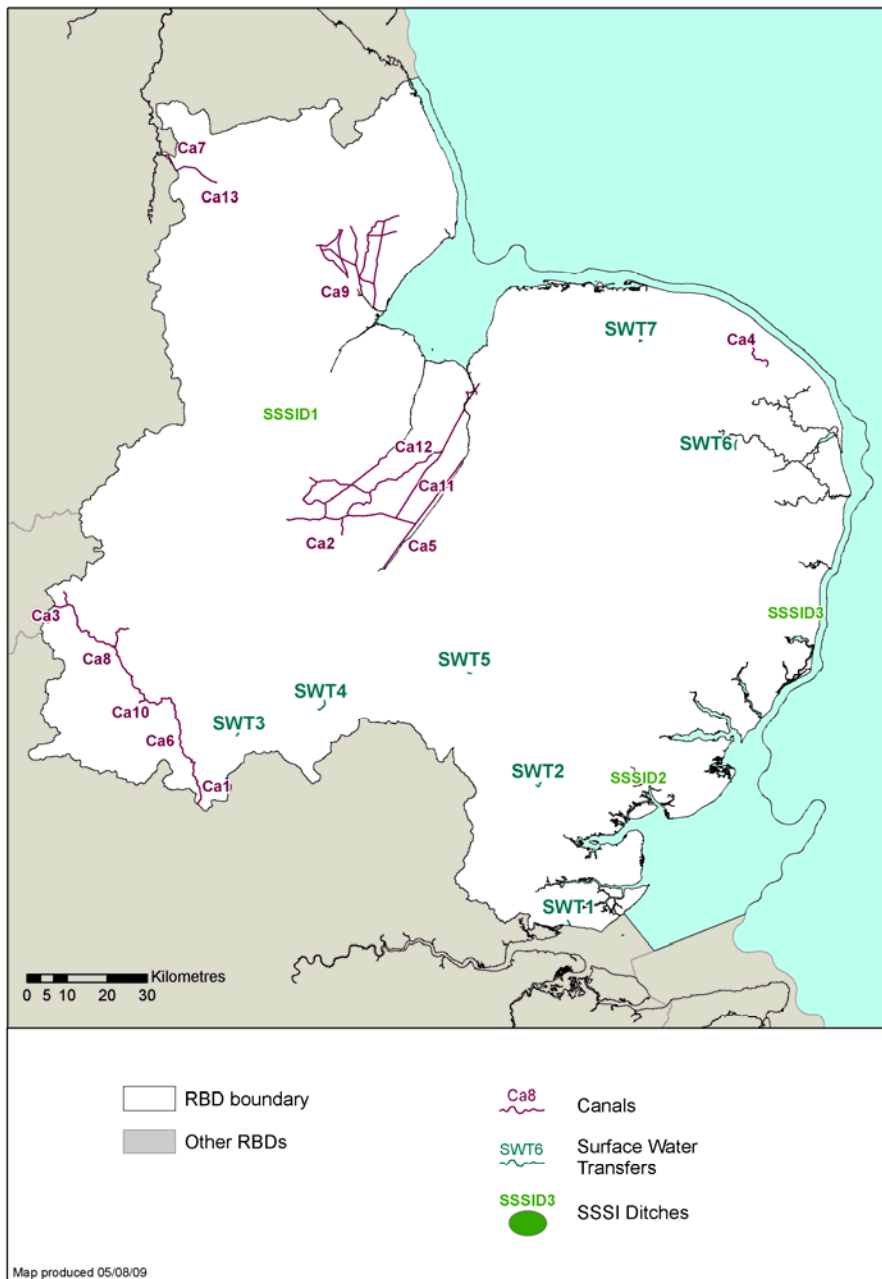
Note: In the following water body tables, only the relevant elements of the status objectives (shown under the orange sub headings) are shown.

B.18 Canals, surface water transfers and SSSI ditches

Canals, surface water transfer and SSSI ditches in the Anglian river basin district

There are 13 canal water bodies, 7 surface water transfer water bodies and 3 SSSI ditches in the Anglian river basin district.

Figure B.18.1 Canals, surface water transfers and SSSI ditches in the Anglian river basin district



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Water body tables for canals, surface water transfers and SSSI ditches in the Anglian 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.

Waterbody Category and Map Code.:	Canal - Ca1	Surveillance site: No
Waterbody ID and Name:	GB70510191	Grand Union Canal, Tring summit to Milton Keynes
National Grid Reference:	SP 91571 24807	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Navigation	
Downstream Waterbody ID:		

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	
pH	High	High	
Phosphate	Good	Good	
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	Technically infeasible (M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Alter timing of dredging / disposal	Not In Place
Increase in-channel morphological diversity	Not In Place
Bank rehabilitation / reprofiling	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
Operational and structural changes to locks, sluices, weirs, beach control, etc	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Reduce sediment resuspension	Not In Place
Sediment management	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place
Manage disturbance	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Reduce impact of dredging	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	Canal - Ca2	Surveillance site: No
Waterbody ID and Name:	GB70510035	Middle level navigations
National Grid Reference:	TL 23914 87435	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Other	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Canal - Ca3	Surveillance site: No
Waterbody ID and Name:	GB70510193	Grand Union Canal, Braunston summit
National Grid Reference:	SP 57819 65083	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Navigation	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Canal - Ca4	Surveillance site: No
Waterbody ID and Name:	GB70510049	North Walsham canal
National Grid Reference:	TG 32599 27078	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Flood Protection	
Downstream Waterbody ID:		

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)

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
Appropriate techniques (invasive species)	In Place
Appropriate timing (vegetation control)	In Place
Appropriate vegetation control technique	In Place
Selective vegetation control regime	In Place
Appropriate channel maintenance strategies and techniques - minimise disturbance to channel bed and margins	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
Increase in-channel morphological diversity	Not In Place

Chemical Status

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

Waterbody Category and Map Code.:	Canal - Ca5	Surveillance site: No
Waterbody ID and Name:	GB70510039	New Bedford River
National Grid Reference:	TL 48799 88325	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Other	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Canal - Ca6	Surveillance site: No
Waterbody ID and Name:	GB70510192	Grand Union Canal, Milton Keynes trough pound
National Grid Reference:	SP 86125 41752	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Navigation	
Downstream Waterbody ID:		

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	
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	Technically infeasible (M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Sediment management	Not In Place
Increase in-channel morphological diversity	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Alter timing of dredging / disposal	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place
Manage disturbance	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Reduce sediment resuspension	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Canal - Ca7	Surveillance site: No
Waterbody ID and Name:	GB70510528	Fossdyke Canal, canal section
National Grid Reference:	SK 86835 74780	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Navigation	
Downstream Waterbody ID:		

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	
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

Waterbody Category and Map Code.:	Canal - Ca8	Surveillance site: No
Waterbody ID and Name:	GB70510251	Grand Union Canal, Milton Keynes to Braunston summit
National Grid Reference:	SP 64864 59196	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027, Good Chemical Status by 2015	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Navigation	
Downstream Waterbody ID:		

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	Moderate (Uncertain)	Moderate	Disproportionately expensive (P1a)
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	

Waterbody Category and Map Code.:	Canal - Ca9	Surveillance site: No
Waterbody ID and Name:	GB70510289	witham drains
National Grid Reference:	TF 35120 55645	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Canal - Ca10	Surveillance site: No
Waterbody ID and Name:	GB70510075	Grand Union Canal, Milton Keynes to Braunston summit
National Grid Reference:	SP 78172 41341	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive, Technically infeasible	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Navigation	
Downstream Waterbody ID:		

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 (M3g)

Mitigation Measures that have defined Ecological Potential

Mitigation Measure	Status
Awareness raising / information boards (invasive species)	In Place
Lateral zoning to concentrate boats within a central track	In Place
Awareness raising / information boards (boat wash / sources of fine sediment)	In Place
Sediment management	Not In Place
Increase in-channel morphological diversity	Not In Place
Bank rehabilitation / reprofiling	Not In Place
Preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone	Not In Place
Avoid the need to dredge (e.g. minimise under-keel clearance; use fluid mud navigation; flow manipulation or training works)	Not In Place
Prepare a dredging / disposal strategy	Not In Place
Reduce impact of dredging	Not In Place
Removal of hard bank reinforcement / revetment, or replacement with soft engineering solution	Not In Place
Alter timing of dredging / disposal	Not In Place
Site selection (dredged material disposal) (e.g. avoid sensitive sites)	Not In Place
Manage disturbance	Not In Place
Modify vessel design	Not In Place
Vessel Management	Not In Place
Reduce sediment resuspension	Not In Place

Chemical Status

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

Does not require assessment

Waterbody Category and Map Code.:	Canal - Ca11	Surveillance site: No
Waterbody ID and Name:	GB70510038	Sixteen foot
National Grid Reference:	TL 47519 96040	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Other	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Canal - Ca12	Surveillance site: No
Waterbody ID and Name:	GB70510037	Old River Nene
National Grid Reference:	TF 54534 05841	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Heavily Modified	
Reason for Designation:	Navigation	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Canal - Ca13	Surveillance site: No
Waterbody ID and Name:	GB70510529	Fossdyke Canal, River Till section
National Grid Reference:	SK 94352 72619	
Current Overall Potential	Moderate	
Status Objective (Overall):	Good by 2027	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2027	
Justification if overall objective is not good status by 2015:	Disproportionately expensive	
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Navigation	
Downstream Waterbody ID:		

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	
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

Waterbody Category and Map Code.:	Surface Water Transfer - SWT1	Surveillance site: No
Waterbody ID and Name:	GB805100062	unknown
National Grid Reference:	TQ 85400 85877	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Shellfish Water Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Water Regulation (strategic transfer)	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Surface Water Transfer - SWT2	Surveillance site: No
Waterbody ID and Name:	GB805100022	unknown
National Grid Reference:	TL 77879 20345	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Water Regulation (strategic transfer)	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Surface Water Transfer - SWT3	Surveillance site: No
Waterbody ID and Name:	GB805100024	unknown
National Grid Reference:	TL 02575 33305	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Surface Water Transfer - SWT4	Surveillance site: No
Waterbody ID and Name:	GB805100025	unknown
National Grid Reference:	TL 23925 40274	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Surface Water Transfer - SWT5	Surveillance site: No
Waterbody ID and Name:	GB805100026	unknown
National Grid Reference:	TL 60446 48703	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Surface Water Transfer - SWT6	Surveillance site: No
Waterbody ID and Name:	GB805100031	unknown
National Grid Reference:	TG 26683 05677	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Not Designated	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Water Regulation (strategic transfer)	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	Surface Water Transfer - SWT7	Surveillance site: No
Waterbody ID and Name:	GB805100053	unknown
National Grid Reference:	TG 02949 31792	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Water Regulation (strategic transfer)	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	SSSI Ditch - SSSID1	Surveillance site: No
Waterbody ID and Name:	GB905001002856	CROSS DRAIN
National Grid Reference:	TF 16019 13721	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage, Wider Environment	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	SSSI Ditch - SSSID2	Surveillance site: No
Waterbody ID and Name:	GB905001001667	UPPER COLNE MARSHES
National Grid Reference:	TM 02825 22526	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Not Designated	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage, Wider Environment	
Downstream Waterbody ID:		

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

Waterbody Category and Map Code.:	SSSI Ditch - SSSID3	Surveillance site: No
Waterbody ID and Name:	GB905001001830	SIZEWELL MARSHES
National Grid Reference:	TM 45916 63726	
Current Overall Potential	Good	
Status Objective (Overall):	Good by 2015	(For Protected Area Objectives see Annex D)
Status Objective(s):	Good Ecological Potential by 2015	
Justification if overall objective is not good status by 2015:		
Protected Area Designation:	Nitrates Directive	
SSSI (Non-N2K) related:	No	
Hydromorphological Designation:	Artificial	
Reason for Designation:	Land Drainage, Wider Environment	
Downstream Waterbody ID:		

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