



Water for life and livelihoods

River Basin Management Plan
Northumbria River Basin District

Annex D: Protected area objectives

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D.1 Introduction

The Water Framework 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 the 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. Some areas may require special protection under more than one EC Directive or may have additional (surface water and/or groundwater) objectives. In these cases, all the objectives and standards must be met.

Article 6 requires Member States to establish a register of protected areas. The types of protected areas that must be included in the register are:

- areas designated for the abstraction of water for human consumption (Drinking Water Protected Areas);
- areas designated for the protection of economically significant aquatic species (Freshwater Fish and Shellfish);
- bodies of water designated as recreational waters, including areas designated as Bathing Waters;
- nutrient-sensitive areas, including areas identified as Nitrate Vulnerable Zones under the Nitrates Directive or areas designated as sensitive under Urban Waste Water Treatment Directive (UWWTD);
- areas designated for the protection of habitats or species where the maintenance or improvement of the status of water is an important factor in their protection including relevant Natura 2000 sites.¹

¹ The relevant Natura 2000 sites include water dependent Special Areas of Conservation (SACs) and Special Protection Areas for Birds (SPAs) identified in accordance with Article 6 of the Water Framework Directive, using the list of qualifying Natura features in Guidance on the Identification of Natura Protected Areas (UKTAG, 2003). These are referred to in this plan as 'Natura 2000 Protected Areas'.

You can find the register of protected areas at <http://www.environment-agency.gov.uk/research/planning/33346.aspx>. The register was first published in 2004 and has been updated for this plan. This annex describes the objective for each protected area and assesses compliance with it.

This Annex describes the objectives for each Water Framework Directive protected area and assesses compliance with them. Many Water Framework Directive protected areas are also water bodies; and for these, the protected area objectives apply in addition to the requirement to achieve the water body status objectives, which are set out in Annex B. Where protected areas coincide with water bodies, this is indicated in the water body tables in Annex B. It is important to note that water body status objectives in Annex B will not always be the same as the protected area objectives in this Annex even where the element is the same, for example phosphate. This can be for a number of reasons, for example the size and scale of water bodies under the Water Framework Directive may be larger than waters identified as protected areas; or the use of a particular environmental standard or condition varies under the different parent legislations governing the protected area from that of the Water Framework Directive - and so, the achievement of objectives in one is not always comparable with the other.

Where water body boundaries overlap with protected areas, the most stringent objective applies – that is the requirements of one particular EC Directive should not undermine the requirements of another. Where possible, the predicted outcomes for each water body set out in Annex B have taken into account the actions² that will be carried out to achieve protected area objectives.

Annex C describes the actions needed to achieve and maintain compliance with one or more protected area standards or objectives. Actions identified for relevant Surface Water Drinking Water Protected Areas and Natura 2000 Protected Areas are also described in more detail in Annex D.

Annex E describes the actions appraisal and justifications for alternative objectives for water bodies. The appraisal of and justification for alternative objectives set for Surface Water Drinking Water Protected Areas and Natura 2000 Protected Areas are located in Annex D. For Surface Water Drinking Water Protected Areas, Annex D also includes reference to the relevant decision tree in Annex E.

D.2 Types and location of protected areas

In the Northumbria River Basin District there are:

- 34 Drinking Water Protected Areas (DrWPAs);
- 312 Freshwater Fish Waters;
- 1 Shellfish Water;
- 33 Bathing Waters;
- 20% land area in Nitrate Vulnerable Zones (NVZs) (NVZs subject to appeals);
- 6 UWWTD Sensitive Areas;
- 9 Water dependent Special Areas of Conservation (SAC);
- 6 Water dependent Special Protection Areas (SPAs).

² This term is widely used in the River Basin Management Plans and is also known as measures in the Water Framework Directive.
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The locations of these protected areas are shown in figures:

Figure D.1 to D.3 Drinking Waters – DrWPAs

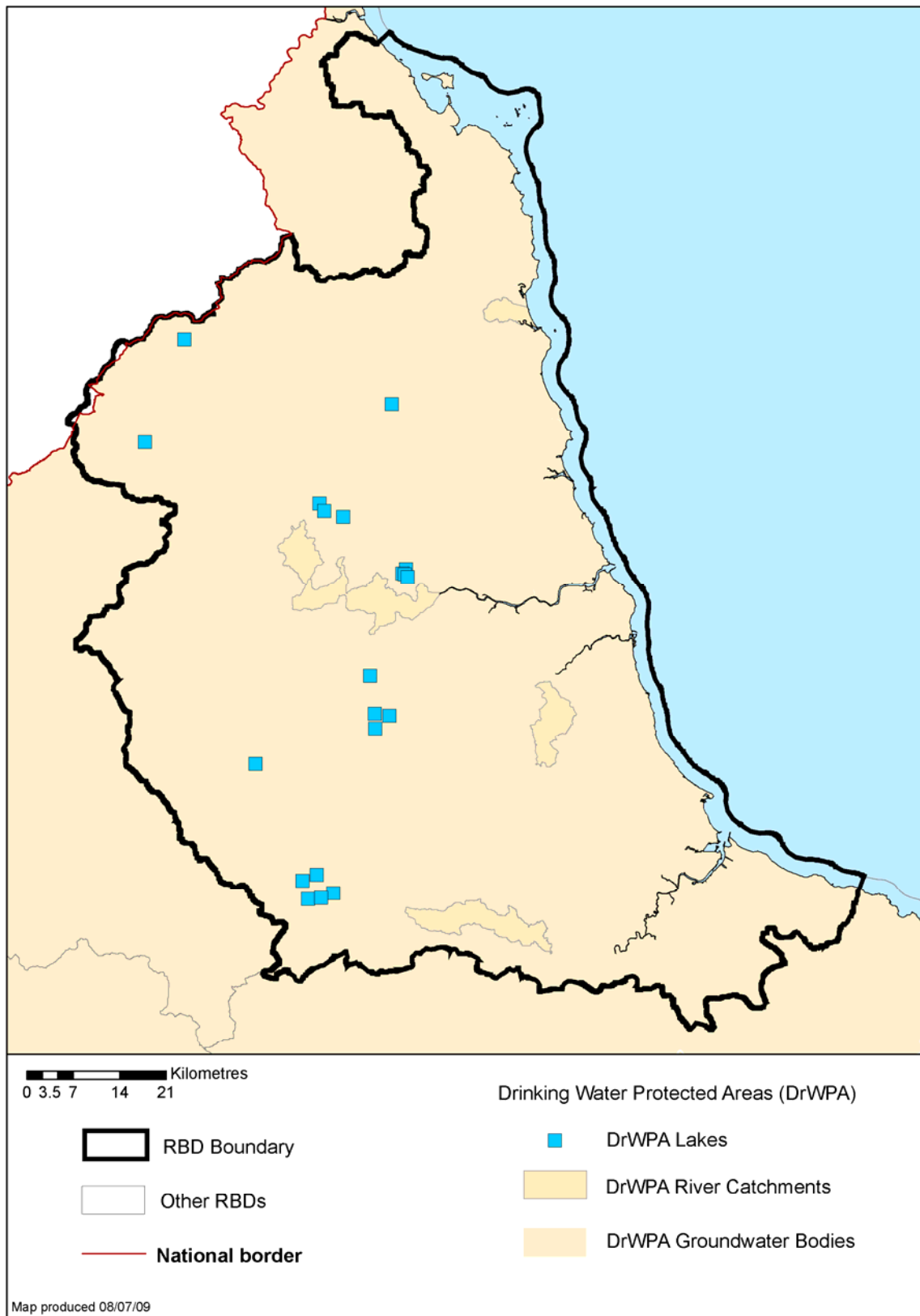
Figure D.4 Economically significant species – Freshwater Fish & Shellfish Waters

Figure D.5 Recreational waters – Bathing Waters

Figure D.6 Nutrient sensitive areas – Nitrate Vulnerable Zones & UWWTD Sensitive Areas
(NVZs subject to appeals)

Figure D.7 Conservation sites – Natura 2000 Protected Areas (water dependent SACs & SPAs)

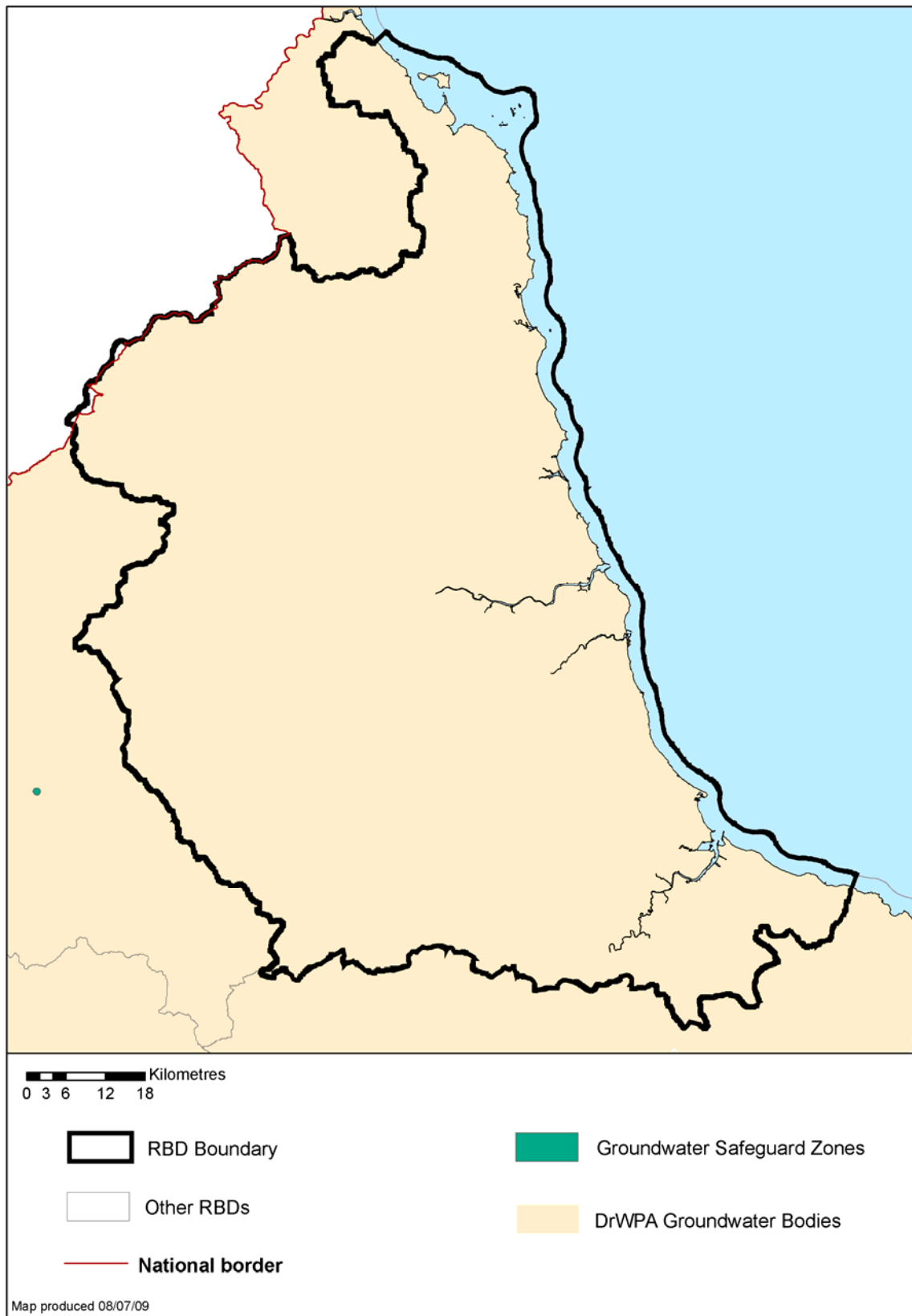
Figure D.1 Location of drinking waters – DrWPA (groundwater and surface water)



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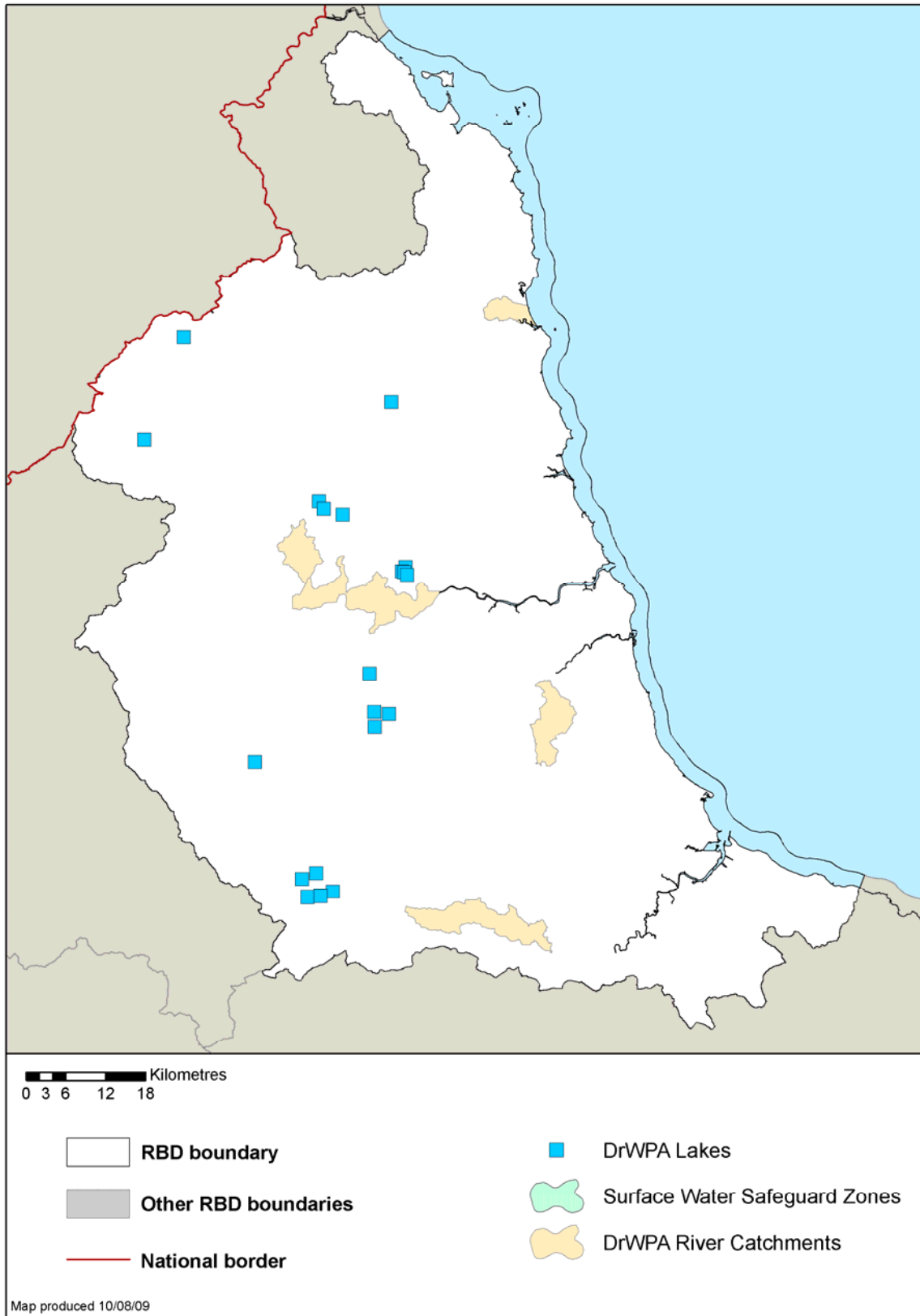
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Figure D.2 Location of groundwater DrWPAs including safeguard zones



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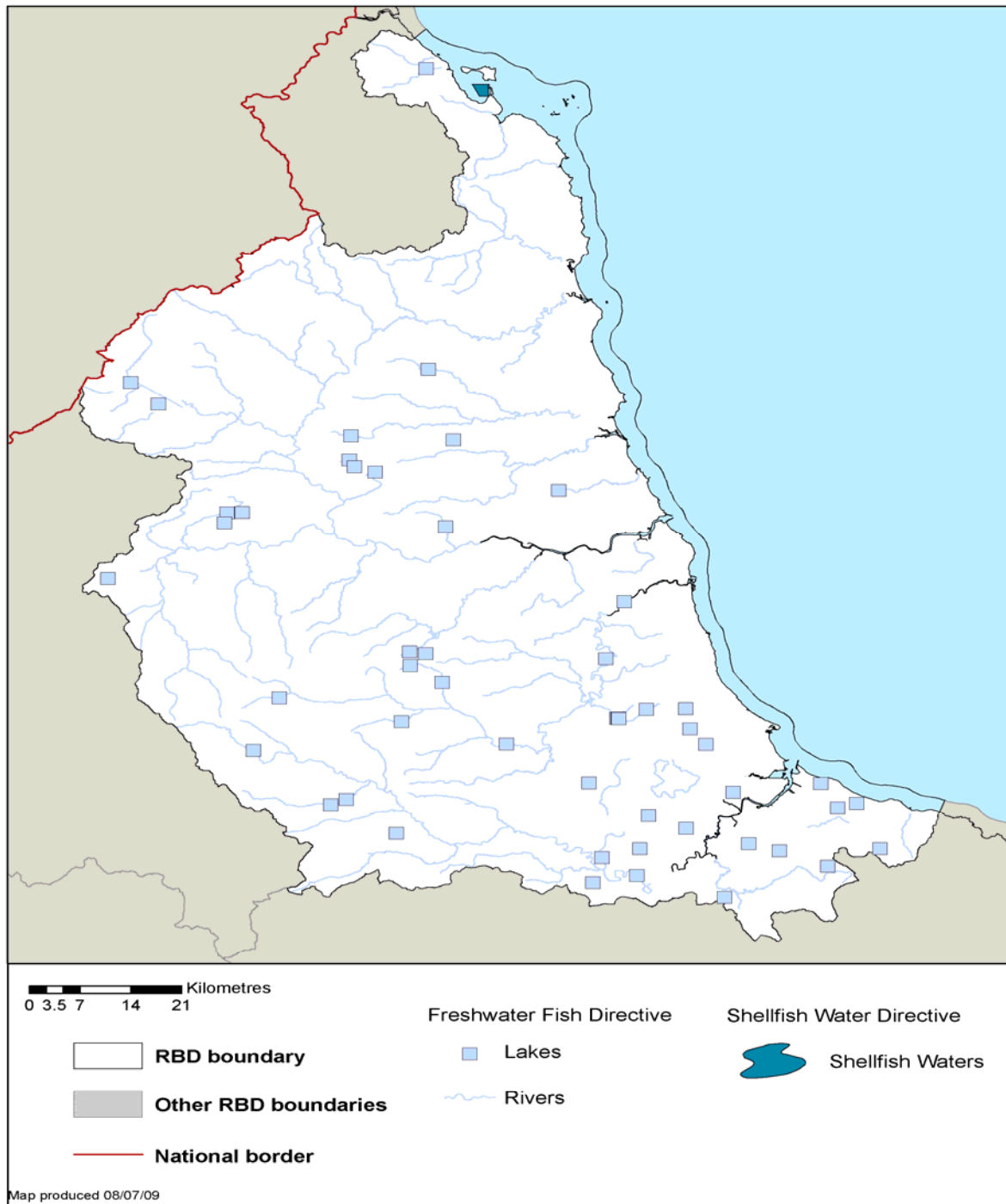
Figure D.3 Location of surface water DrWPAs including safeguard zones



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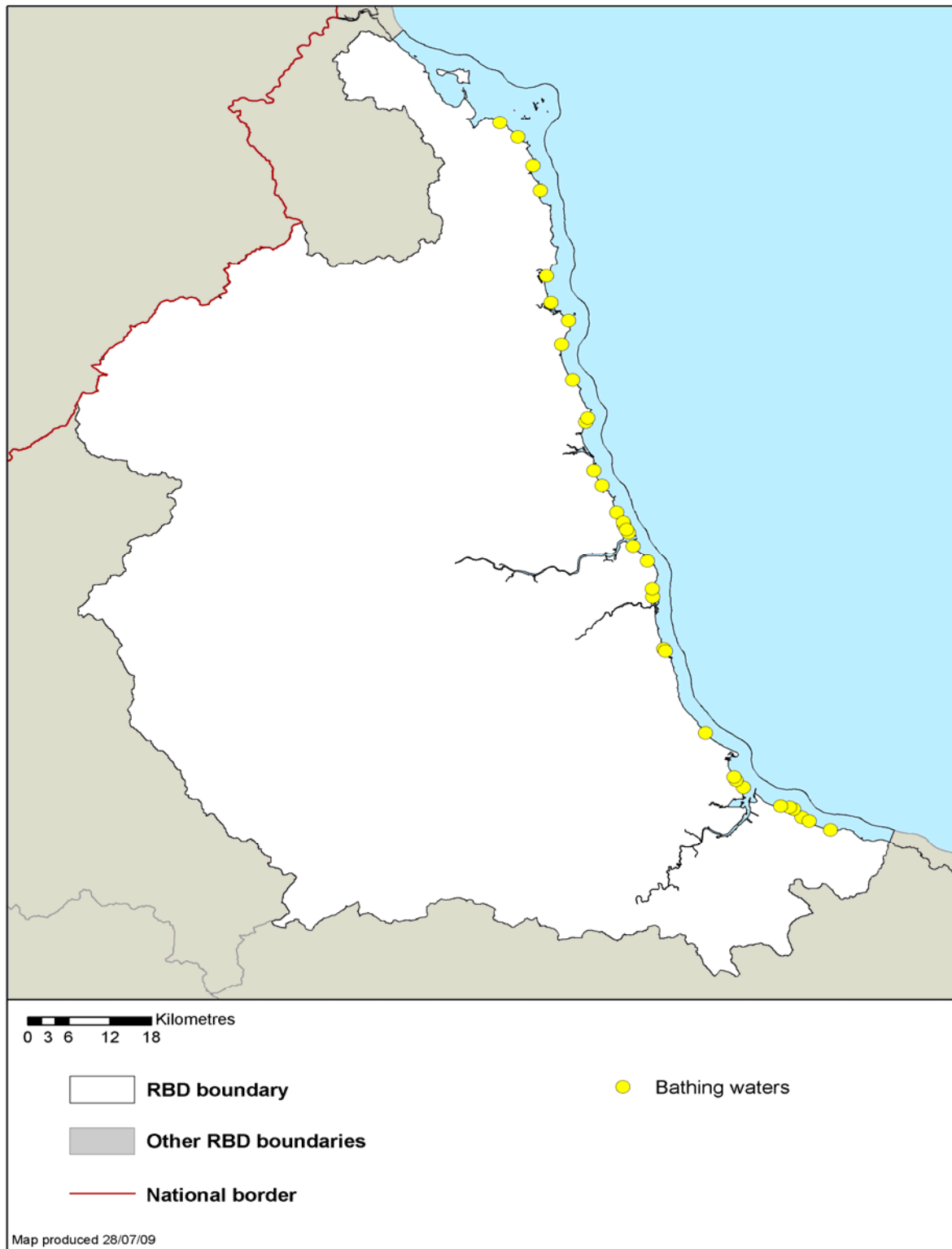
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Figure D.4 Location of economically significant species – Freshwater Fish & Shellfish Waters



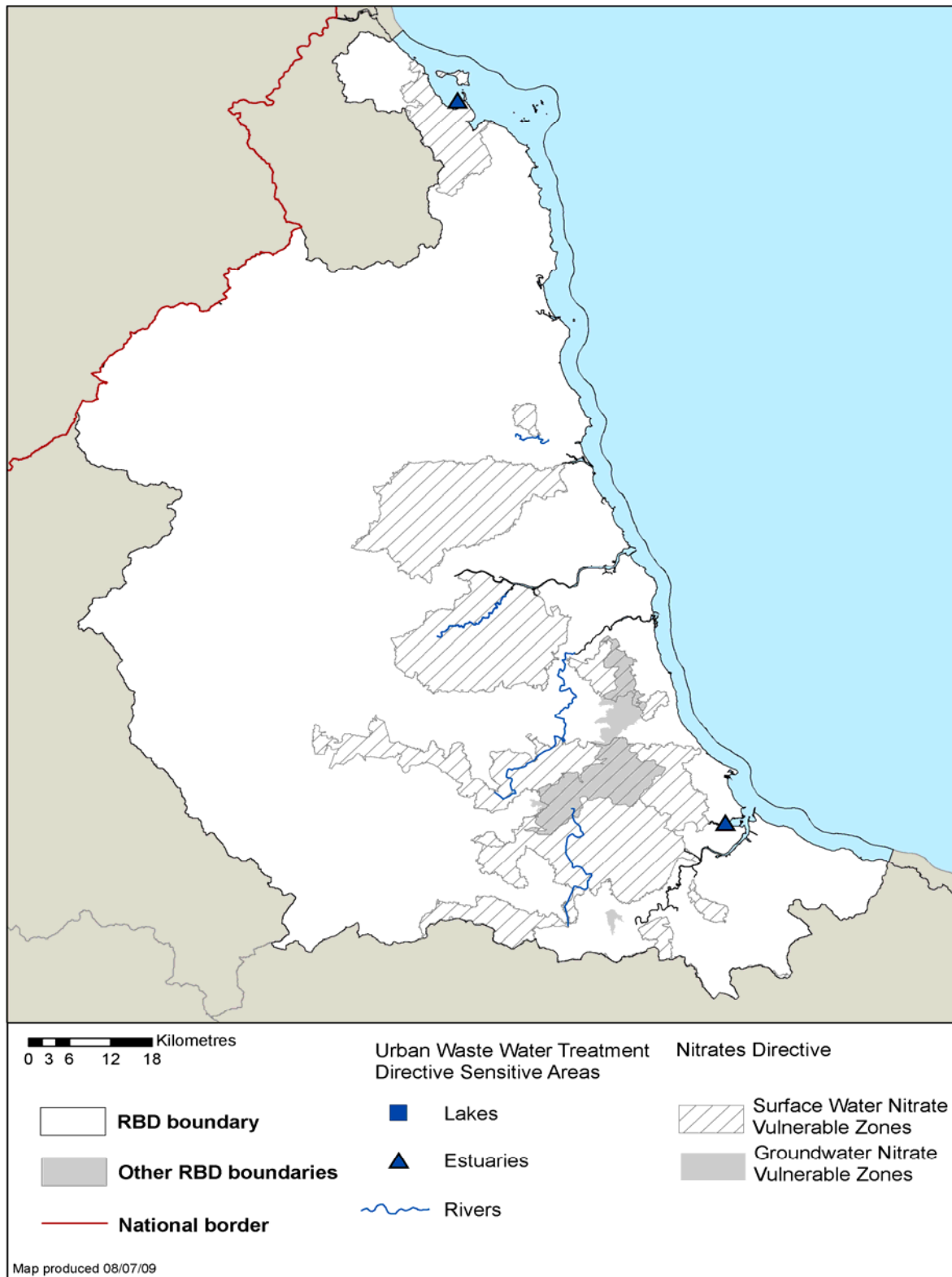
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Figure D.5 Location of recreational waters – Bathing Waters



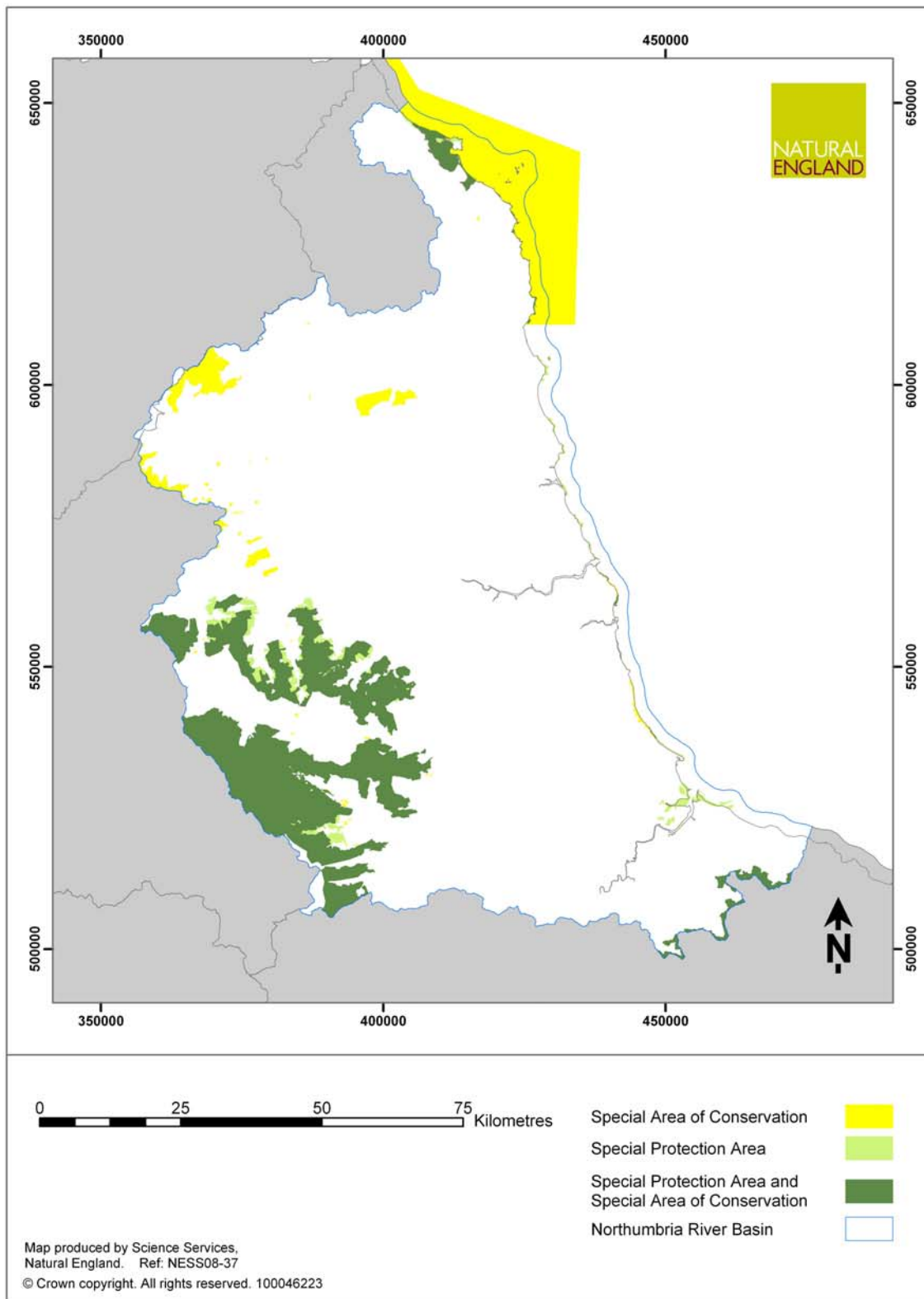
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Figure D.6 Location of nutrient sensitive areas – Nitrate Vulnerable Zones & UWWTD Sensitive Areas (NVZs subject to appeals)



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Figure D.7 Location of conservation sites – Natura 2000 Protected Areas (water dependent SACs & SPAs)



D.3 Monitoring network

Monitoring programmes have been established in the Northumbria River Basin District to assess the status of Protected Areas. The monitoring networks established for Protected Areas are shown in figures:

Figures D.8 and D.9 Drinking Waters – DrWPAs

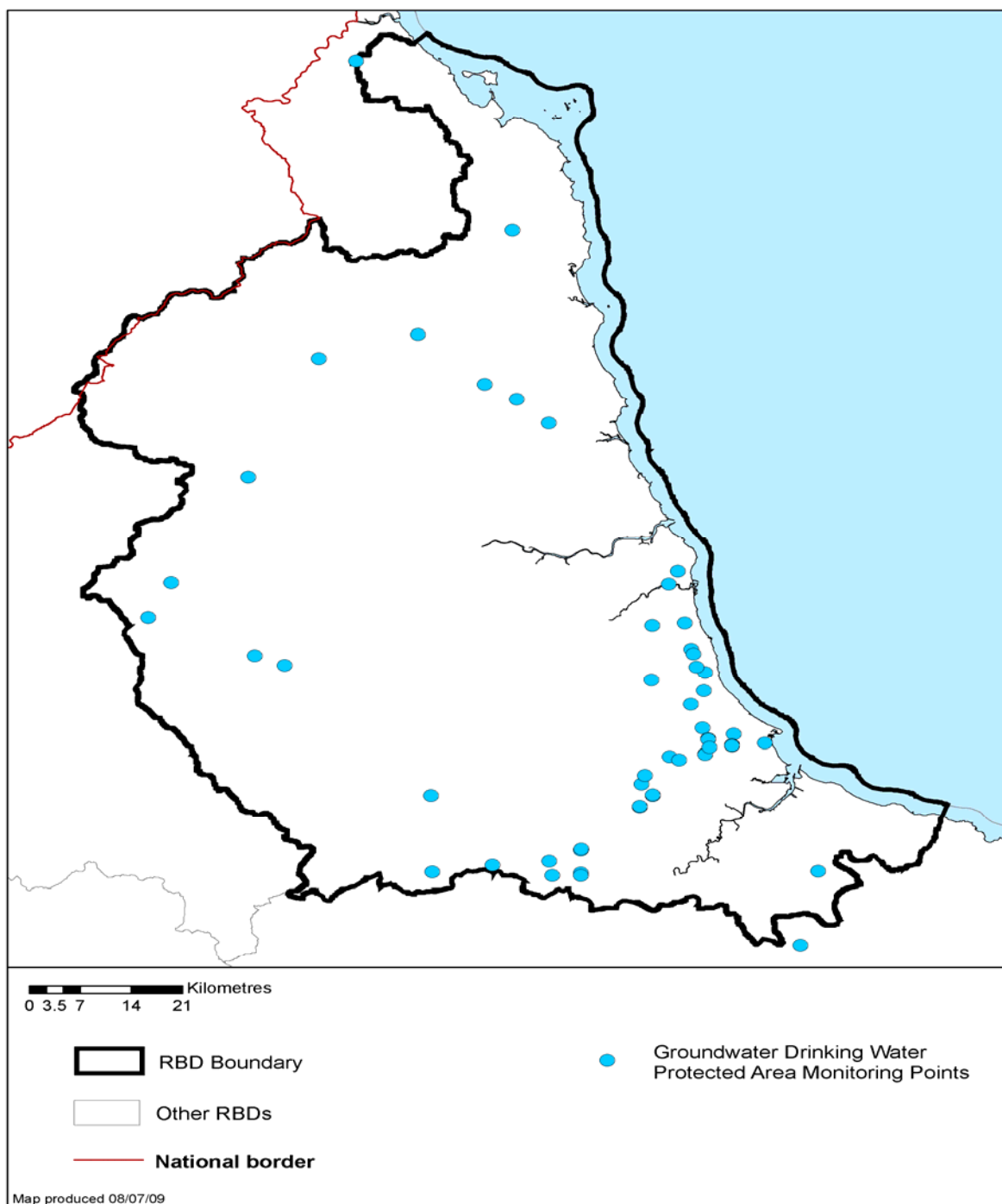
Figure D.10 Economically significant species – Freshwater Fish & Shellfish Waters

Figure D.11 Recreational waters – Bathing Waters

Figure D.12 Nutrient sensitive areas – Nitrate Vulnerable Zones & UWWTD Sensitive Areas (relevant discharges to UWWTD Sensitive Areas only)

Figure D.13 Conservation sites – Natura 2000 Protected Areas (water dependent SACs & SPAs)

Figure D.8 Monitoring network for drinking waters – DrWPA (groundwater)



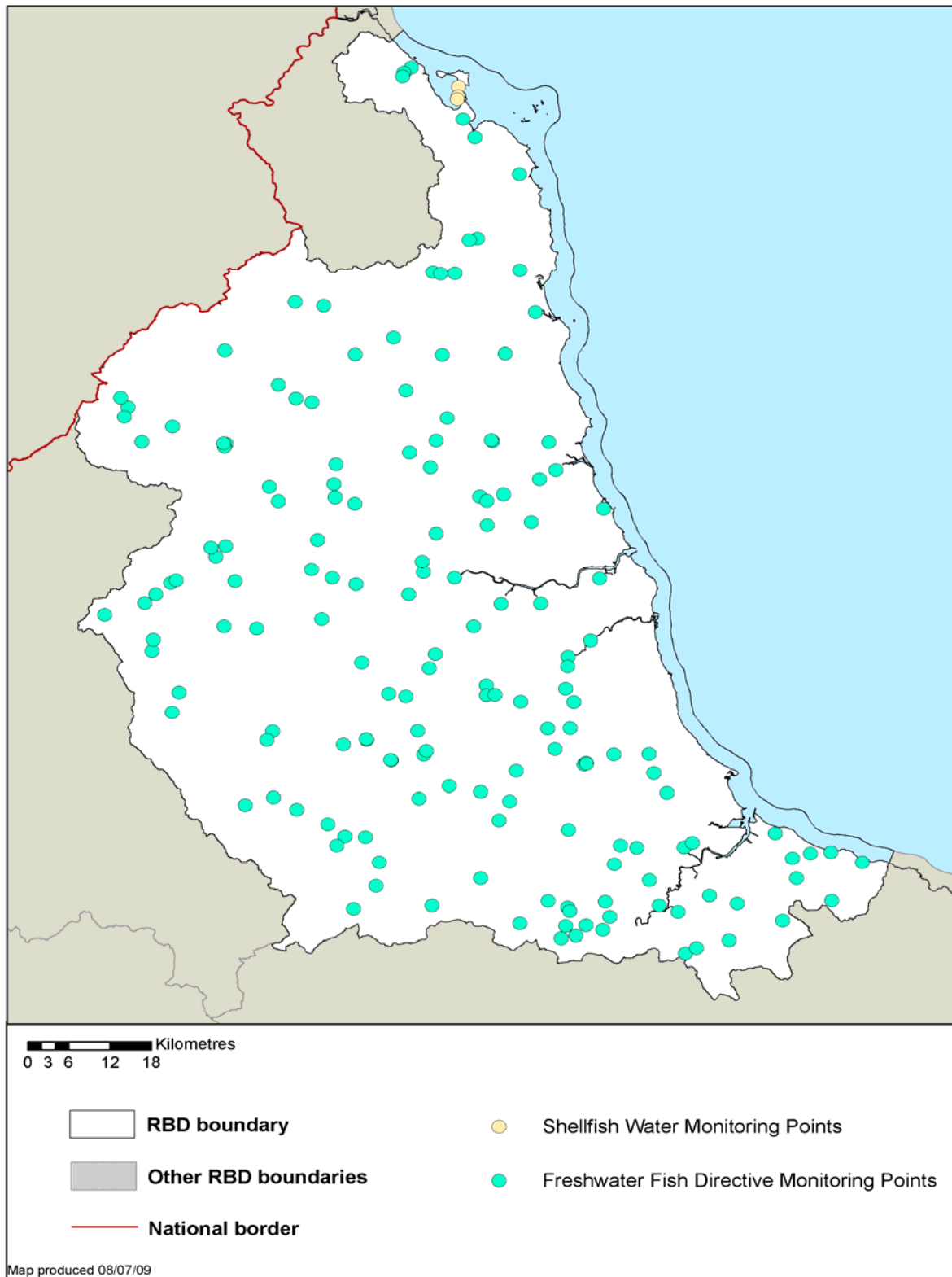
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Figure D.9 Monitoring network for drinking waters – DrWPA (surface water)

The network is currently under review to confirm the exact location of the monitoring points. This assessment and the monitoring network map will be available in time for the Water Information System for Europe (WISE) reporting in March 2010.

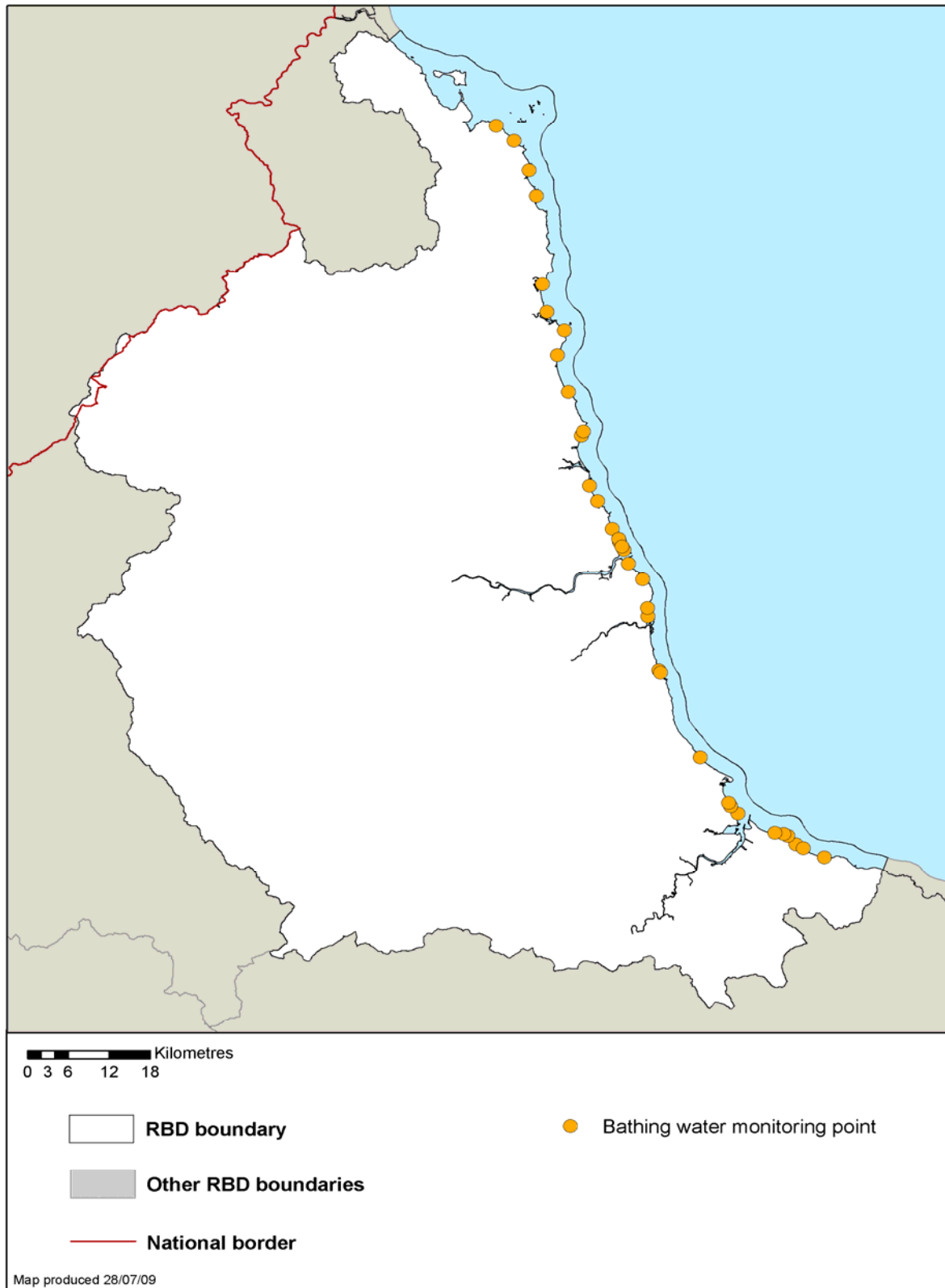
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Figure D.10 Monitoring network for economically significant species – Freshwater Fish & Shellfish Waters



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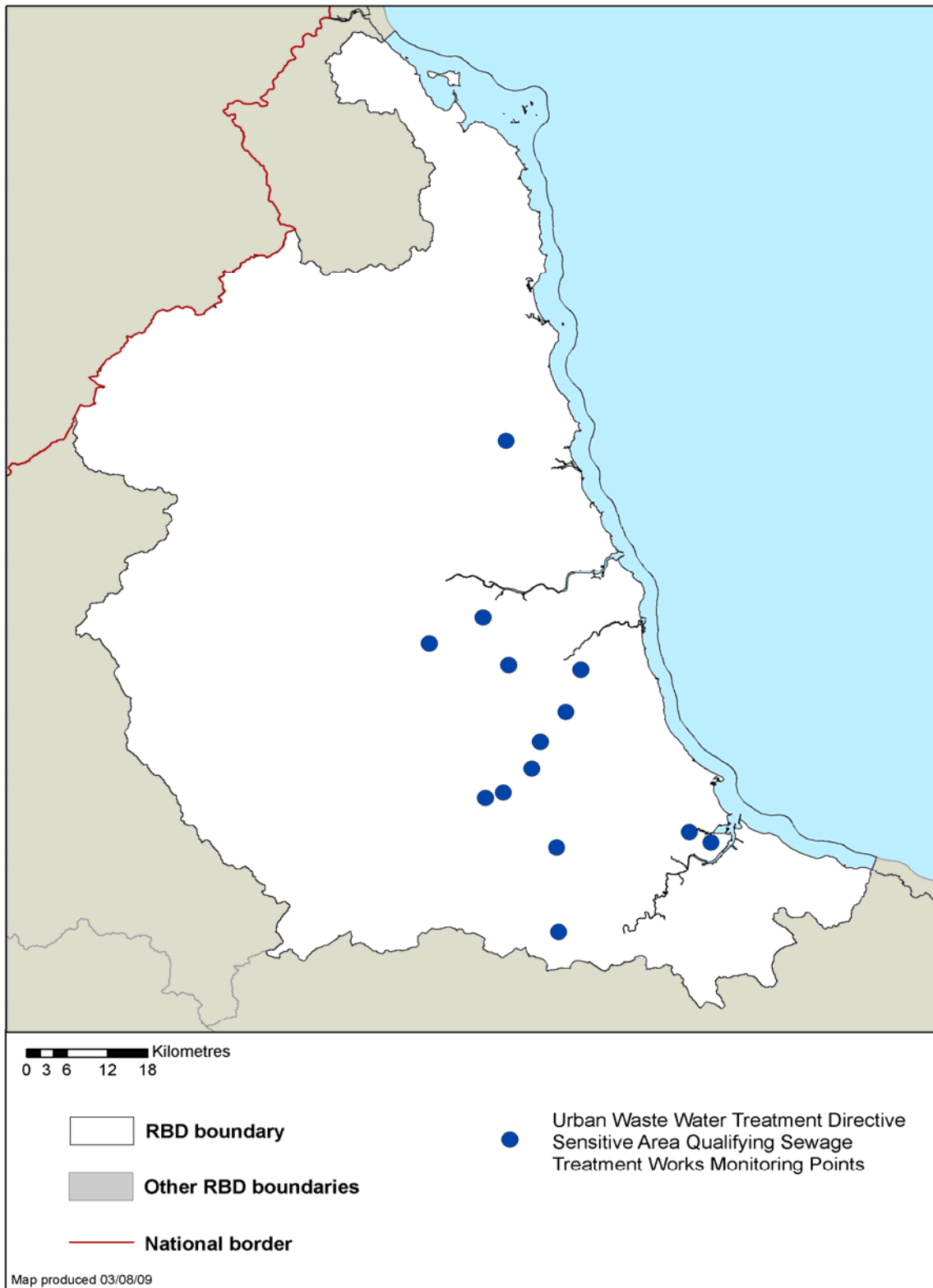
Figure D.11 Monitoring network for recreational waters – Bathing Waters



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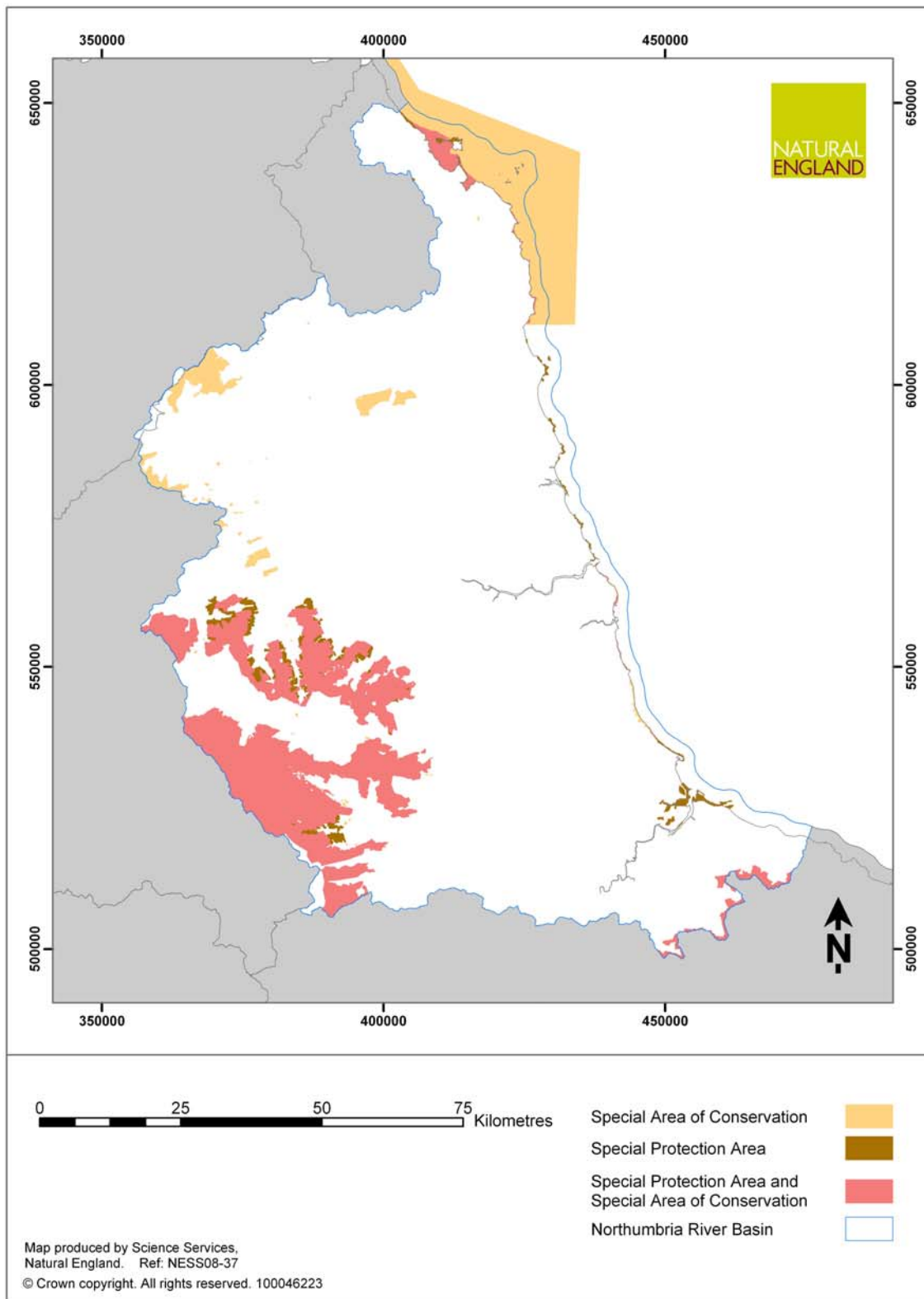
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Figure D.12 Monitoring network for nutrient sensitive areas – Nitrate Vulnerable Zones & UWWTD Sensitive Areas (relevant discharges to UWWTD Sensitive Areas only)



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Figure D.13 Monitoring network for conservation sites – Natura 2000 Protected Areas (water dependent SACs & SPAs)



The Habitats Directive requires that member states carry out surveys of the Community interest features. For Natura 2000 sites this is undertaken by the UK conservation agencies, under the Joint Nature Conservation Committee (JNCC) Common Standards Monitoring (CSM) framework. Associated guidance sets out a range of attributes, and their targets, for use, where appropriate, in assessing the condition of a feature. Links to this guidance are shown below.

In England, monitoring is undertaken by Natural England of all SACs and SPAs on a six-year cycle. In terrestrial and freshwater protected areas, monitoring is undertaken across whole sites, and an assessment of condition is made for each unit of the underpinning Site of Special Scientific Interest (SSSI). For marine protected areas below low water mark, an overall assessment of condition is made, using available sources of data. The relevant monitoring network is shown in Figure D.13.

Links to Common Standards Monitoring Guidance

Introductory text: http://www.jncc.gov.uk/page-2201
Coastal Habitats: Common Standards Monitoring Guidance for Coastal vegetated shingle Common Standards Monitoring Guidance for Sand dunes Common Standards Monitoring Guidance for Saltmarsh Common Standards Monitoring Guidance for Maritime cliff & Slope
Freshwater Habitats: Common Standards Monitoring Guidance for Canals Common Standards Monitoring Guidance for Ditches Common Standards Monitoring Guidance for Standing water Common Standards Monitoring Guidance for Rivers
Lowland Grassland: Common Standard Monitoring Guidance for Lowland Grassland
Lowland Heath: Common Standards Monitoring Guidance for Lowland heathland
Lowland Wetland: Common Standards Monitoring Guidance for Lowland Wetland
Marine Habitats: Common Standards Monitoring Guidance for Generic Introduction for marine features Common Standards Monitoring Guidance for Littoral rock and inshore sublittoral rock (Reefs) Common Standards Monitoring Guidance for Littoral sediment flats (mud/sand flats) Common Standards Monitoring Guidance for Inshore sublittoral sediments (sandbanks) Common Standards Monitoring Guidance for Estuaries Common Standards Monitoring Guidance for Inlets and Bays Common Standards Monitoring Guidance for Sea Caves Common Standards Monitoring Guidance for Lagoons
Upland Habitats: Common Standards Monitoring Guidance for Upland Habitats
Woodland: Common Standards Monitoring Guidance for Woodland
Reptiles and amphibians: Common Standards Monitoring Guidance for Reptiles and Amphibians
Birds: Common Standards Monitoring Guidance for Birds
Fish and freshwater fauna: Common Standards Guidance on Freshwater Fauna
Marine mammals: Common Standards Monitoring Guidance for Marine Mammals
Terrestrial mammals (otters and bats etc): Common Standards Monitoring Guidance for Terrestrial Mammals

Vascular plants (including freshwater and wetland plants):

[Common Standards Monitoring Guidance for Vascular Plants](#)

Bryophytes and Lichens:

[Common Standards Monitoring Guidance for Bryophytes and Lichens](#)

D.4 Objectives

Drinking Water Protected Areas

The objectives for Drinking Water Protected Areas (DrWPAs) are to:

- Ensure that, under the water treatment regime applied, the drinking water produced meets the requirements of the Drinking Water Directive; and
- Ensure necessary protection in the DrWPA with the aim of avoiding deterioration in water quality in order to reduce the level of purification treatment required in producing drinking water.

The first objective will be achieved by meeting the requirements of the Drinking Water Directive (these include both the standards in the Directive and any UK requirements to ensure drinking water is free from contamination that could constitute a danger to human health).

The second objective will be achieved by putting in place actions that aim to ensure that there is no deterioration in water quality at abstractions used for drinking water supply.

In many cases it may take some time for actions to become effective and either halt or reverse deterioration. Providing sufficient actions are in place, the objective is met.

As with other Water Framework Directive objectives, actions should be in place by December 2012 but extensions of time can be used where the actions needed to meet the objective in the first cycle of river basin management planning are not technically feasible or are disproportionately expensive.

Economically Significant Species (Freshwater Fish Waters)

The objective for freshwater fish waters designated under the Freshwater Fish Directive is:

- To protect or improve the quality of running or standing freshwaters to enable them to support fish belonging to:
 - Indigenous species offering a natural diversity; or
 - Species the presence of which is judged desirable for water management purposes by the competent authorities of the Member States

This objective will be achieved by meeting the imperative standards and endeavouring to respect the guideline standards of the Freshwater Fish Directive.

The Freshwater Fish Directive will be repealed in 2013. When this occurs these protected areas must be afforded at least the same level of protection as given by the Freshwater Fish Directive.

Economically Significant Species (Shellfish Waters)

The objective for shellfish waters designated under the Shellfish Water Directive is:

- To protect and, where needed, improve the quality of shellfish waters in order to support shellfish (bivalve and gastropod molluscs) life and growth, and thus contribute to the high quality of shellfish products directly edible by man.

This objective will be achieved by meeting the imperative standards and endeavouring to observe the guideline standards of the Shellfish Water Directive.

The Shellfish Water Directive will be repealed in 2013. When this occurs these protected areas must be afforded at least the same level of protection as given by the Shellfish Water Directive.

Recreational Waters (Bathing Waters)

The objective, until the end of 2014, for bathing waters designated under the current Bathing Waters Directive is:

- to protect the environment and public health whilst bathing.

This objective will be achieved by meeting the imperative standards and endeavouring to meet the guideline standards of the current Bathing Waters Directive.

The objective, from the end of 2014, for bathing waters designated under the revised Bathing Waters Directive is:

- to preserve, protect and improve the quality of the environment and to protect human health by complementing Directive 2000/60/EC.

This objective will be achieved by meeting the 'sufficient' quality standards of the revised Bathing Waters Directive; and by taking such realistic and proportionate measures considered appropriate with a view to increasing the number of bathing waters classified as 'excellent' or 'good'.

Nutrient Sensitive Areas (Nitrate Vulnerable Zones)

The general objective of the Nitrates Directive is to:

- reduce water pollution caused or induced by nitrates from agricultural sources and
- prevent further such pollution

This objective will be achieved through designating Nitrate Vulnerable Zones (NVZs) and action programmes being implemented within them. NVZs comprise all land draining to "polluted waters" as defined by the Directive. A Code of Good Agricultural Practice has also been published, which provides advice to all farmers on how to reduce nitrate losses to the environment.

Nutrient Sensitive Areas (Urban Waste Water Treatment Directive)

The general objective of the Urban Waste Water Treatment Directive (UWWTD) is:

- To protect the environment from the adverse effects of urban waste water discharges and waste water discharges from certain industrial sectors.

A sensitive area in the UWWTD is a water body identified as affected by eutrophication or having a surface water abstraction affected by elevated nitrate concentrations. Designating Sensitive Areas is a trigger for action to reduce or prevent further pollution caused by nutrients.

The general objective for Sensitive Areas will be achieved by ensuring discharges from relevant urban waste water treatment plants meet the appropriate emission standards set out in the Directive.

Natura 2000 Protected Areas (water dependent SACs & SPAs)

The objective for Natura 2000 Protected Areas identified in relation to relevant areas designated under the Habitats Directive is to:

- Protect and, where necessary, improve the status of the water environment to the extent necessary to achieve the conservation objectives that have been established for the protection or improvement of the site's natural habitat types and species of Community importance in order to ensure the site contributes the maintenance of, or restoration to favourable conservation status³.

The objective for Natura 2000 Protected Areas identified in relation to relevant areas designated under the Birds Directive is to:

- Protect and where necessary improve the water environment to the extent necessary to achieve the conservation objectives that have been established for the protection or improvement of the site in order to ensure that the site contributes to the conservation (survival and reproduction in their area of distribution) of birds species listed in Annex I of the Birds Directive.

Where a Natura 2000 Protected Area forms part of a water body or where a water body lies within a Natura 2000 Protected Area, the Water Framework Directive status objectives apply in addition to the requirement to maintain at favourable conservation status or restore it to that status. Some water bodies that coincide with Natura 2000 Protected Areas have been designated as artificial or heavily modified; in these cases the aim to achieve good ecological potential applies in addition to the objective of favourable conservation status.

Annex B sets out the status objectives for each water body and indicates where the water body coincides with a Natura 2000 Protected Area. The protected area objectives are independent of the water body status objectives in Annex B but all objectives have to be met in accordance with each of the EC Directives that underpin them. It is important to note that water body status objectives in Annex B will not always fully reflect the Natura 2000 Protected Area objectives in this Annex even where the element is the same, for example phosphate. This can be for a number of reasons, for example the size and scale of water bodies under the Water Framework Directive may be larger than waters identified as protected areas; or the use of a particular environmental standard or condition is different under the Water Framework Directive compared with the EC Habitats and Birds Directives. It is possible for a water body to meet the objectives for 'good status' but fail the Natura 2000 Protected Area objective of maintenance of, or restoration to, favourable conservation status. It is also possible to meet favourable conservation status (for example for salmon) but fail to achieve 'good status' in a coincident water body (for example for fish since the Water Framework Directive requires action to protect and restore a wider range of fish species).

Although the objective to restore or maintain favourable conservation status in Natura 2000 sites is mandated by the EC Habitats and Birds Directives, there is no specific date for

³ "Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or restore to favourable conservation status the water-dependent habitats and species for which the Protected Area is designated". Where this term is used in the River Basin Management Plans, the above definition applies.

achieving it. The Water Framework Directive introduces the 2015 deadline, which applies to the Natura 2000 Protected Areas (water dependent SACs and SPAs) listed in this annex. If the protected area is also a 'water body', or forms part of a 'water body', the deadline for the restoration to favourable conservation status may be extended where the conditions in Article 4.4 of the Water Framework Directive are met. If the protected area is not a water body, for example fens and bogs, the deadline for restoration to favourable conservation status cannot be extended.

D.5 Compliance (results of monitoring)⁴

Drinking Water Protected Areas

Groundwater

The Groundwater Directive (2006/118/EC) requires that for good chemical status to be achieved, for groundwater bodies, DrWPA objectives must be met. Therefore one of the five quality elements for groundwater considers drinking water protection (Article 7 compliance is an integral part of groundwater chemical status). The results for all quality elements for groundwater are shown in Annex B tables. The specific results of the DrWPA assessment are shown in Figures D.14, D.15 and D.16. Figure D.14 also identifies the risk of failure of this objective, the pollutant(s) causing the failure (where relevant) and proposed Safeguard Zones. Safeguard Zones are areas in which actions will be targeted to tackle the specific causes of DrWPA objective failure, or risk of failure. Further details on actions can be found in Annex C. Where a water body will not achieve good status by 2015 an alternative objective has been set and justification for this can be found in Annex B and explained in Annex E.

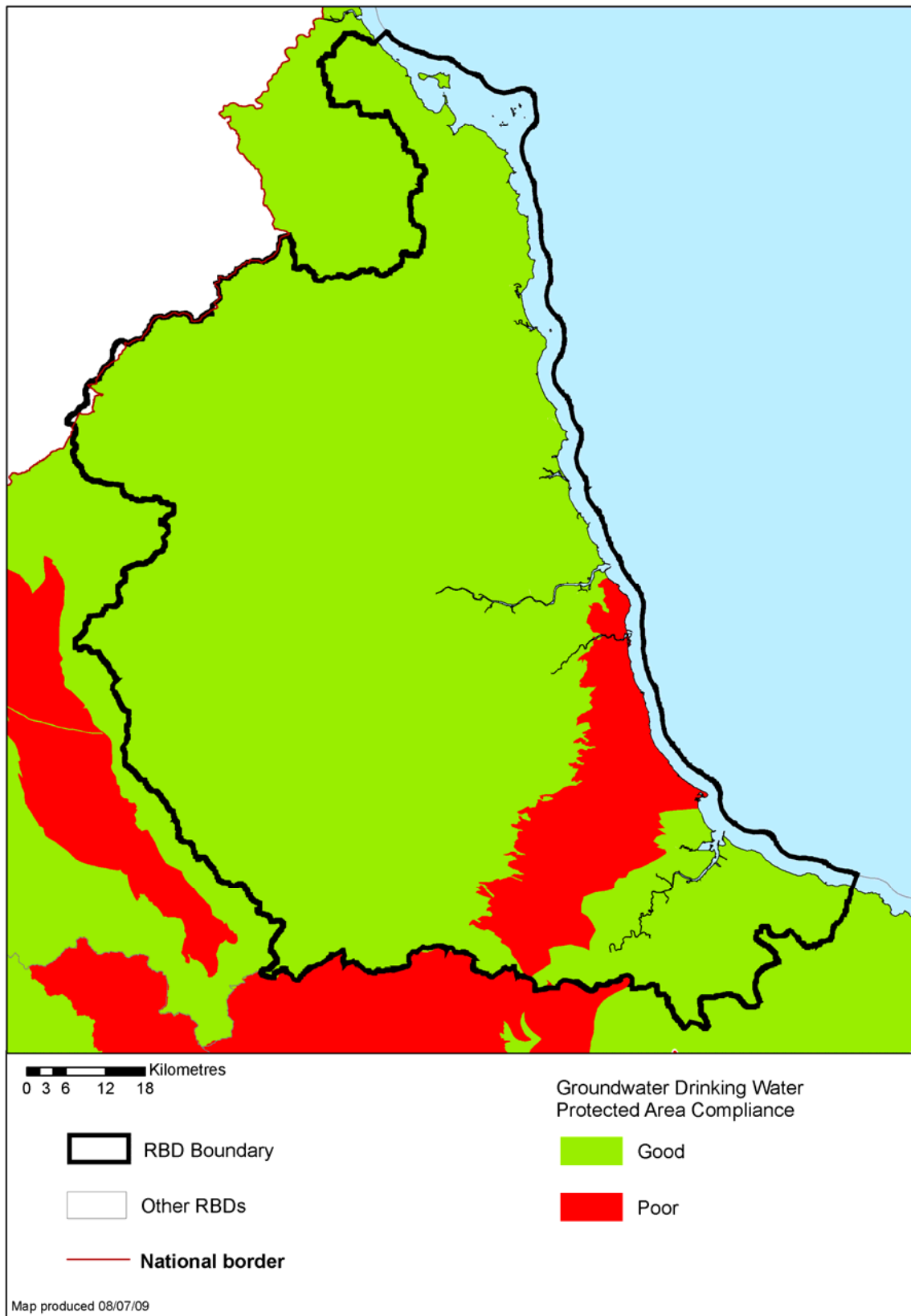
Figure D.14 Results of monitoring for groundwater DrWPAs (including risk of failure and proposed safeguard zones)

GWB ID	Groundwater DrWPA name	Risk	Compliance status (good, poor)	Chemical causing poor status	Proposed Safeguard Zones
GB40301G701700	Wear Magnesian Limestone	At Risk	Poor	CHLORIDE ION - AS CL, NITRATE AS NO3, SODIUM	Not yet defined/not required
GB40301G702000	Tees Sherwood Sandstone	Probably Not At Risk	Good		Not yet defined/not required
GB40302G700200	Northumberland Carb Limestone and Coal Measures	Probably At Risk	Good		Not yet defined/not required
GB40302G700300	Tees Carb Limestone & Millstone Grit	Not At Risk	Good		Not yet defined/not required
GB40302G701300	Tees Mercia Mudstone & Redcar Mudstone	Probably Not At Risk	Good		Not yet defined/not required

⁴ EC Guideline standards (rather than UK Guideline) are used for Protected Area reporting purposes in line with directive reporting to the European Commission.

GWB ID	Groundwater DrWPA name	Risk	Compliance status (good, poor)	Chemical causing poor status	Proposed Safeguard Zones
GB40302G701500	Tyne Carboniferous Limestone and Coal Measures	Not At Risk	Good		Not yet defined/not required
GB40302G701600	Wear Carboniferous Limestone and Coal Measures	Probably Not At Risk	Good		Not yet defined/not required
GB40302G702700	Tyne Carboniferous Limestone	Probably Not At Risk	Good		Not yet defined/not required
GB40302G703800	Northumberland Devonian and Lower Carboniferous	Probably Not At Risk	Good		Not yet defined/not required

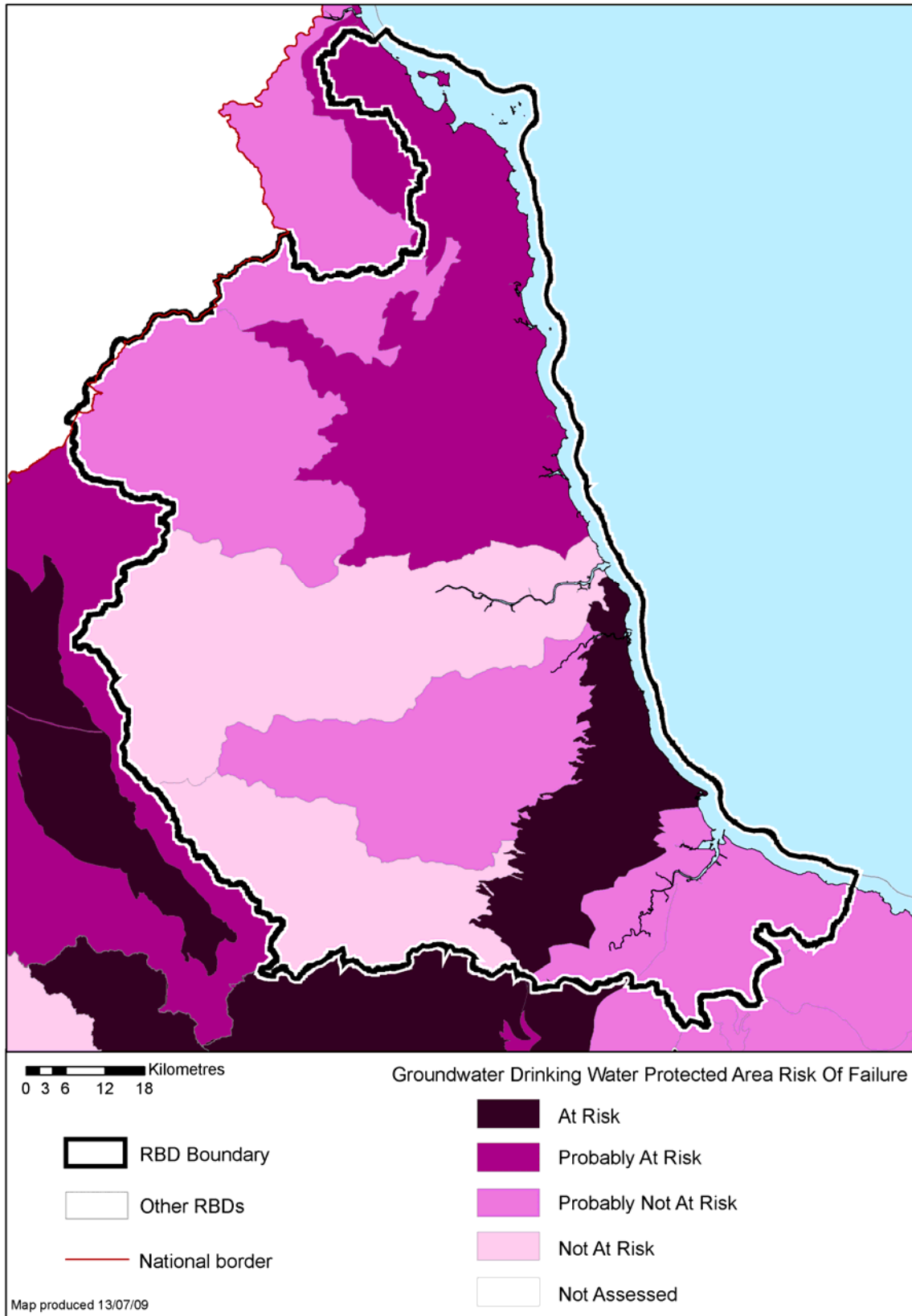
Figure D.15 Results of monitoring for groundwater DrWPAs



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Figure D.16 Results of monitoring for groundwater DrWPAs (risk of failure)



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Surface water

The Drinking Water Inspectorate (DWI) are responsible for monitoring and reporting compliance against the Drinking Water Directive (DWD) to meet the requirements of Article 7.2 and will continue to carry out these procedures.

The surface water compliance test to meet the requirements of Article 7.3 is based on the quality of water in the environment at the point of abstraction. Surface water DrWPAs are divided here into those where high confidence of failure is assured (included in Figure D.18) and those where further monitoring is required to confirm failure (included in Figure D.19). Both high and low confidence results are presented as a map in Figure D.17.

All surface water DrWPAs are water bodies. Their water body current status and objectives under the Water Framework Directive are shown in Annex B. The associated actions are shown in Annex C.

For surface water DrWPAs, actions are included in Figures D.18 and D.19 and are also listed according to contributing sector in Annex C. Where a surface water DrWPA will not achieve its objective by 2015, and the conditions for relying on one of the derogations contained in Article 4 of the Water Framework Directive are satisfied, an alternative objective has been set and justification for this can be found in figure D.18. Details are included in Annex E.

Figure D.17 Risk assessment results for surface water DrWPAs



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Figure D.18 Actions for surface water DrWPAs at risk of failure (high confidence)

SW DrWPA ID	SW DrWPA name	Parameter	Action	Affected Sector	Contributing Sector	Lead Organisation	Alternative Objective	Justification	Decision Tree Ref
<p>At the time of producing this plan, no actions have been identified for the Northumbria River Basin. The Environment Agency will work with Northumbrian Water to identify actions in the future.</p>									

Figure D.19 Actions for surface water DrWPAs at risk of failure (low confidence)

SW DrWPA ID	SW DrWPA name	Parameter	Action	Affected Sector	Contributing Sector	Lead Organisation
<p>At the time of producing this plan, no actions have been identified for the Northumbria River Basin. The Environment Agency will work with Northumbrian Water to identify actions in the future.</p>						

Economically Significant Species (Freshwater Fish Waters)

Compliance against objectives for freshwater fish waters has been assessed using the relevant monitoring data from 2008. The results are shown in Figure D.20. The results are also presented as a map in Figure D.21.

Figure D.20 Results of monitoring for economically significant species (freshwater fish waters)

Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
ARGILL BECK - Extension to source	Salmonid	Guideline pass / Imperative pass
NORTH LOW - A1 Crossing to Goswick	Salmonid	Guideline fail / Imperative pass
WAREN BURN - Newlands Burn to Waren Mill	Salmonid	Guideline fail / Imperative pass
EGLINGHAM BURN - Bannamoor to Aln	Salmonid	Guideline fail / Imperative pass
EDLINGHAM BURN - Source to Aln	Salmonid	Guideline fail / Imperative pass
ALN - Ryle Mill to Eglington Burn	Salmonid	Guideline fail / Imperative pass
ALN - Eglington Burn to Lesbury	Salmonid	Guideline fail / Imperative pass
WREIGH BURN - Netherton Burnfoot to Coquet	Salmonid	Guideline pass / Imperative pass
USWAY BURN - Fairhaugh to Coquet	Salmonid	Guideline pass / Imperative pass

Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
ALWIN - Allerhope Burn to Coquet	Salmonid	Guideline pass / Imperative pass
GRASSLEES BURN - Hepplewoodside to Coquet	Salmonid	Guideline pass / Imperative pass
COQUET - Buckhams Wall Burn to Swarland Burn	Salmonid	Guideline pass / Imperative pass
COQUET - Swarland Burn to Warkworth Dam	Salmonid	Guideline fail / Imperative pass
FONT - Fontburn Reservoir to Netherwitton	Salmonid	Guideline fail / Imperative pass
FONT - Netherwitton to Wansbeck	Salmonid	Guideline pass / Imperative pass
HART BURN - Garden House to Wansbeck	Salmonid	Guideline fail / Imperative pass
WANSBECK - Sweethope Lough to Hartburn	Salmonid	Guideline fail / Imperative pass
WANSBECK - Hartburn to Morpeth sewage treatment works	Salmonid	Guideline fail / Imperative pass
WANSBECK - Morpeth sewage treatment works to Sheepwash	Salmonid	Guideline fail / Imperative pass
BLYTH - Ogle Burn to Pont	Salmonid	Guideline fail / Imperative pass
BLYTH - Pont to Catraw Burn	Salmonid	Guideline fail / Imperative pass
BLYTH - Catraw Burn to East Hartford	Salmonid	Guideline fail / Imperative pass
PONT - Stamfordham to Medburn	Salmonid	Guideline fail / Imperative pass
PONT - Medburn to Coldcoats Burn	Salmonid	Guideline fail / Imperative pass
PONT - Coldcoats Burn to Blyth	Salmonid	Guideline fail / Imperative pass
KIELDER BURN - Kielderhead to North Tyne	Salmonid	Guideline pass / Imperative pass
LEWIS BURN - High Long House to Kielder Water	Salmonid	Guideline pass / Imperative pass
CRANECLEUGH BURN - Blinky Burn to Kielder Water	Salmonid	Guideline fail / Imperative fail
CRANECLEUGH BURN - Extension to source	Salmonid	Guideline fail / Imperative fail
TARSET BURN - Hunters Burn to North Tyne	Salmonid	Guideline pass / Imperative pass
REDE - Upstream of Catcleugh Reservoir to North Tyne	Salmonid	Guideline pass / Imperative pass

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Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
BLAKEHOPE BURN - Blakehope Burn haugh to Rede	Salmonid	Guideline pass / Imperative pass
DURTREES BURN - Yatesfield Farm to Rede	Salmonid	Guideline pass / Imperative pass
ELSDON BURN - Haining Farm to Rede	Salmonid	Guideline fail / Imperative pass
HOUXTY BURN - Esp Mill to North Tyne	Salmonid	Guideline pass / Imperative pass
WARKS BURN - Stonehaugh to North Tyne	Salmonid	Guideline fail / Imperative pass
NORTH TYNE - Kielder Burn to Rede	Salmonid	Guideline pass / Imperative pass
NORTH TYNE - Rede to South Tyne	Salmonid	Guideline pass / Imperative pass
BLACK BURN (ALSTON) - Cash Burn to South Tyne	Salmonid	Guideline fail / Imperative pass
NENT - Nenthead to South Tyne	Salmonid	Guideline fail / Imperative fail
KNAR BURN - Gelt Burn to South Tyne	Salmonid	Guideline pass / Imperative pass
KNAR BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
THINHOPE BURN - Upstream of Burn Stones to South Tyne	Salmonid	Guideline pass / Imperative pass
THINHOPE BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
HARTLEY BURN - Haining Burn to South Tyne	Salmonid	Guideline pass / Imperative pass
WEST ALLEN - Whitewalls Burn to Allen	Salmonid	Guideline pass / Imperative pass
EAST ALLEN - Sinderhope to Allen	Salmonid	Guideline fail / Imperative pass
ALLEN - East Allen to South Tyne	Salmonid	Guideline pass / Imperative pass
SOUTH TYNE - Ashgill to Haltwhistle Burn	Salmonid	Guideline pass / Imperative pass
SOUTH TYNE - Haltwhistle Burn to North Tyne	Salmonid	Guideline pass / Imperative pass
ROWLEY BURN - Heigh Farm to Devil's Water	Salmonid	Guideline pass / Imperative pass

Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
ROWLEY BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
DEVIL'S WATER - Rowgreen Farm to Tyne	Salmonid	Guideline pass / Imperative pass
WHITTLE BURN - Whittle Dene Reservoir to Tyne	Salmonid	Guideline fail / Imperative pass
TYNE - North Tyne to March Burn	Salmonid	Guideline pass / Imperative pass
TYNE - March Burn to Whittle Burn	Salmonid	Guideline fail / Imperative pass
TYNE - Whittle Burn to Tidal Limit	Salmonid	Guideline fail / Imperative pass
DERWENT - Nookton Burn to Burnhope Burn	Salmonid	Guideline pass / Imperative pass
DERWENT - Burnhope Burn to Consett sewage treatment works	Salmonid	Guideline pass / Imperative pass
DERWENT - Consett sewage treatment works to Tongue Burn	Salmonid	Guideline fail / Imperative pass
DERWENT - Tongue Burn to Spen Burn	Salmonid	Guideline fail / Imperative pass
DERWENT - Spen Burn to tidal limit	Salmonid	Guideline fail / Imperative pass
BURNHOPE BURN - Downstream of Burnhope Reservoir to Wear	Salmonid	Guideline pass / Imperative pass
KILLHOPE BURN - Wellhope Burn to Wear	Salmonid	Guideline pass / Imperative pass
WEAR - Wearhead to Eastgate Bridge	Salmonid	Guideline pass / Imperative pass
WEAR - Eastgate Bridge to Stanhope Beck	Salmonid	Guideline pass / Imperative pass
WEAR - Stanhope Beck to Waskerley Beck	Salmonid	Guideline pass / Imperative pass
WEAR - Waskerley Beck to Gaunless	Salmonid	Guideline fail / Imperative pass
WEAR - Gaunless to Valley Burn	Salmonid	Guideline fail / Imperative pass
WEAR - Valley Burn to Browney	Salmonid	Guideline fail / Imperative pass
WEAR - Browney to Old Durham Beck	Salmonid	Guideline fail / Imperative pass
WEAR - Old Durham Beck to Black Dene Burn	Salmonid	Guideline fail / Imperative pass
WEAR - Black Dene Burn to Lumley Park Burn	Salmonid	Guideline fail / Imperative pass

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Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
WEAR - Lumley Park Burn to Lamb Bridge	Salmonid	Guideline fail / Imperative pass
STANHOPE BURN - Reahope Burn to Wear	Salmonid	Guideline pass / Imperative pass
BOLLIHOPE BURN - B6278 to Wear	Salmonid	Guideline pass / Imperative pass
WASKERLEY BECK - Downstream of Tunstall Reservoir to Wear	Salmonid	Guideline pass / Imperative pass
EUDEN BECK - Cloudlam Beck to Bedburn Beck	Salmonid	Guideline pass / Imperative pass
BEDBURN BECK - Mayland Cottage to Wear	Salmonid	Guideline pass / Imperative pass
GAUNLESS - The Slack to Fieldon Bridge	Salmonid	Guideline fail / Imperative pass
BROWNEY - Blackburn Beck to Stonebridge	Salmonid	Guideline fail / Imperative pass
DEERNESS - Hedleyhope Burn to Browney	Salmonid	Guideline fail / Imperative pass
TEES - Trout Beck to Balder	Salmonid	Guideline pass / Imperative pass
TEES - Extension to source	Salmonid	Guideline pass / Imperative pass
TEES - Balder to Skerne	Salmonid	Guideline fail / Imperative pass
HARWOOD BECK - Langdon Beck to Tees	Salmonid	Guideline pass / Imperative pass
HARWOOD BECK - Extension to source	Salmonid	Guideline pass / Imperative pass
EGGLESTONE BURN - Great Egglestone Beck to Tees	Salmonid	Guideline pass / Imperative pass
BALDER - Upstream of Balderhead Reservoir to Tees	Salmonid	Guideline pass / Imperative pass
BALDER - Extension to source	Salmonid	Guideline pass / Imperative pass
SLEIGHTHOLME BECK - Sleightholme to Greta	Salmonid	Guideline pass / Imperative pass
GRETA - Rovegill House to Tees	Salmonid	Guideline fail / Imperative pass
LANGLEY BECK - Selaby Hall Bridge to Tees	Salmonid	Guideline fail / Imperative pass

Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
CLOW BECK - Caldwell to Tees	Salmonid	Guideline fail / Imperative pass
LEVEN - Otter Hills Beck to Tame	Salmonid	Guideline fail / Imperative pass
LEVEN - Tame to Crathorne	Salmonid	Guideline fail / Imperative pass
LEVEN - Crathorne to Leven Bridge	Salmonid	Guideline fail / Imperative pass
HAGGERSTON - Haggerston	Cyprinid	Guideline pass / Imperative pass
FONTBURN RESERVOIR - Fontburn Reservoir	Salmonid	Guideline pass / Imperative pass
SWEETHOPE LOUGHS - Sweethope Loughs	Salmonid	Guideline pass / Imperative pass
BOLAM LAKE - Bolam Lake	Cyprinid	Guideline pass / Imperative pass
BIG WATERS, SEATON BURN - Seaton Burn	Cyprinid	Guideline pass / Imperative pass
HALLINGTON RESERVOIR - Hallington Reservoir	Salmonid	Guideline pass / Imperative pass
COLT CRAG RESERVOIR - Colt Crag Reservoir	Salmonid	Guideline fail / Imperative pass
LITTLE SWINBURN RESERVOIR - Little Swinburn Reservoir	Salmonid	Guideline pass / Imperative pass
BROOMLEE LOUGH - Broomlee Lough	Salmonid	Guideline fail / Imperative pass
CRAG LOUGH - Crag Lough	Salmonid	Guideline pass / Imperative pass
GREENLEE LOUGH - Greenlee Lough	Cyprinid	Guideline pass / Imperative pass
TINDALE TARN - Tindale Tarn	Cyprinid	Guideline pass / Imperative pass
WHITTLE DENE RESERVOIR - Whittle Dene Reservoir	Salmonid	Guideline pass / Imperative pass
SMIDDY SHAW RESERVOIR - Smiddy Shaw Reservoir	Salmonid	Guideline pass / Imperative pass
HISEHOPE RESERVOIR - Hisehope Reservoir	Salmonid	Guideline pass / Imperative pass
WITTON CASTLE LAKES - Witton Castle Lakes	Salmonid	Guideline pass / Imperative pass
BOLLIHOPE POOL - Bollihope Pool	Salmonid	Guideline pass / Imperative pass

Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
BURNHOPE RESERVOIR - Burnhope Reservoir	Salmonid	Guideline pass / Imperative pass
WASKERLEY RESERVOIR - Waskerley Reservoir	Salmonid	Guideline pass / Imperative pass
TUNSTALL RESERVOIR - Tunstall Reservoir	Salmonid	Guideline pass / Imperative pass
TURSDALE POND - Tursdale Pond	Cyprinid	Guideline pass / Imperative pass
TEASDALE POND, TURSDALE - Teasdale Pond	Cyprinid	Guideline pass / Imperative pass
COXHOE POND, TURSDALE - Coxhoe Pond	Cyprinid	Guideline pass / Imperative pass
TOWN KELLOE POOL - Town Kelloe Pool	Cyprinid	Guideline pass / Imperative pass
BRASSIDE POND - Brasside Pond	Cyprinid	Guideline pass / Imperative pass
FATFIELD LAKE - Fatfield Lake	Cyprinid	Guideline pass / Imperative pass
LARTINGTON HIGH LAKE - Lartington High Lake	Salmonid	Guideline pass / Imperative pass
HURWORTH BURN RESERVOIR - Hurworth Burn Reservoir	Salmonid	Guideline pass / Imperative pass
TILERY POND, WINGATE - Tilery Pond	Cyprinid	Guideline pass / Imperative pass
SNIFE LANE POND, D'LNNGTON - Snipe Lane Pond	Cyprinid	Guideline pass / Imperative pass
AYCLIFFE POOL - Aycliffe Pool	Cyprinid	Guideline pass / Imperative pass
CROOKFOOT RESERVOIR - Crookfoot Reservoir	Salmonid	Guideline pass / Imperative pass
LITTLE STAINTON GRAVEL PT - Little Stainton	Salmonid	Guideline pass / Imperative pass
BLUE LAGOON, KILDALE - Blue Lagoon Kildale	Salmonid	Guideline pass / Imperative pass
OBER GREEN FARM POOLS - Ober Green Farm Pools	Cyprinid	Guideline pass / Imperative pass
FIGHTING COCKS RESERVOIR - Fighting Cocks Reservoir	Cyprinid	Guideline pass / Imperative pass

Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
LANE FOXES POND, NEASHAM - Lane Foxes Pond	Cyprinid	Guideline pass / Imperative pass
HEMLINGTON RESERVOIR - Hemlington Reservoir	Cyprinid	Guideline pass / Imperative pass
CHARLTONS POND,BILLINGHAM - Charltons Pond Reservoir	Cyprinid	Guideline pass / Imperative pass
ELTON POND - Elton Pond	Cyprinid	Guideline pass / Imperative pass
WILLOWGARTH POND - Willowgarth Pond	Cyprinid	Guideline pass / Imperative pass
POOLE HOSPITAL LAKE - Poole Hospital Lake	Cyprinid	Guideline pass / Imperative pass
LOCKWOOD BECK RESERVOIR - Lockwood Beck Reservoir	Salmonid	Guideline pass / Imperative pass
NEW MARSKE RESERVOIR - New Marske Reservoir	Cyprinid	Guideline pass / Imperative pass
TINKERS POND, NEW MARSKE - Tinkers Pond	Cyprinid	Guideline pass / Imperative pass
REDCAR STELL, WARRENBY - Redcar Stell	Cyprinid	Guideline pass / Imperative pass
BAKETHIN - Bakethin	Salmonid	Guideline pass / Imperative pass
KIELDER WATER - Kielder Water	Salmonid	Guideline pass / Imperative pass
LUNE/LONG GRAIN BECK - Arngill House to Tees	Salmonid	Guideline pass / Imperative pass
LUNE/LONG GRAIN BECK - Extension to source	Salmonid	Guideline pass / Imperative pass
CALLALY BURN - Callaly Castle to Aln	Salmonid	Guideline fail / Imperative pass
CALLALY BURN - Extension to source	Salmonid	Guideline fail / Imperative pass
COE BURN - Thrunton Brickworks to Aln	Salmonid	Guideline fail / Imperative pass
COE BURN - Extension to source	Salmonid	Guideline fail / Imperative pass
SHIPLEY BURN - Source to Eglington Burn	Salmonid	Guideline pass / Imperative pass
THIRSTON BURN - Paxton Dene Burn to Coquet	Salmonid	Guideline fail / Imperative pass

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Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
THIRSTON BURN - Extension to source	Salmonid	Guideline fail / Imperative pass
BLYTH - East Hartford to tidal limit	Salmonid	Guideline fail / Imperative pass
CHIRDON BURN - Jerry's Linn Waterfall to North Tyne	Salmonid	Guideline pass / Imperative pass
BROWNEY - Pan Burn to Smallhope Burn	Salmonid	Guideline pass / Imperative pass
BROWNEY - Smallhope Burn to Blackburn Beck	Salmonid	Guideline fail / Imperative pass
NORTH LOW - Berrington Burn to South Low	Salmonid	Guideline fail / Imperative pass
NORTH LOW - Dean Burn to Berrington Burn	Salmonid	Guideline fail / Imperative pass
NORTH LOW - Source to Dean Burn	Salmonid	Guideline fail / Imperative pass
SOUTH LOW - Haggerston to Tidal Limit	Cyprinid	Guideline pass / Imperative pass
SOUTH LOW - Dry Burn to Haggerston Caravan Park	Cyprinid	Guideline pass / Imperative pass
SOUTH LOW - Source to Dry Burn	Salmonid	Guideline fail / Imperative pass
SOUTH LOW - Extension to source	Salmonid	Guideline fail / Imperative pass
ROSS LOW - Belford Burn to Sea	Salmonid	Guideline fail / Imperative pass
ROSS LOW - Extension to source	Salmonid	Guideline fail / Imperative pass
LONG NANNY - Source to Sea	Salmonid	Guideline fail / Imperative pass
LONG NANNY - Extension to source	Salmonid	Guideline fail / Imperative pass
WAREN BURN - Source to Sea	Salmonid	Guideline fail / Imperative pass
WAREN BURN - Extension to source	Salmonid	Guideline fail / Imperative pass
ALN - Source to Glanton Burn	Salmonid	Guideline fail / Imperative pass
EGLINGSHAM BURN - Source to Shipley Burn	Salmonid	Guideline fail / Imperative pass
EGLINGSHAM BURN - Extension to source	Salmonid	Guideline fail / Imperative pass

Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
COQUET - Source to Usway Burn	Salmonid	Guideline pass / Imperative pass
WREIGH BURN - Source to Coquet	Salmonid	Guideline pass / Imperative pass
WREIGH BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
GRASSLEES BURNS - Source to Coquet	Salmonid	Guideline pass / Imperative pass
ALWIN - Extension to source	Salmonid	Guideline pass / Imperative pass
USWAY BURN - Clay Burn to Coquet	Salmonid	Guideline pass / Imperative pass
WANSBECK - Source to Middleton Burn	Salmonid	Guideline fail / Imperative pass
FONT - Newbiggin to Fontburn Reservoir	Salmonid	Guideline pass / Imperative pass
FONT - Extension to source	Salmonid	Guideline pass / Imperative pass
HART BURN - Source to Wansbeck	Salmonid	Guideline fail / Imperative pass
HART BURN - Extension to source	Salmonid	Guideline fail / Imperative pass
BLYTH - How Burn to Pont	Salmonid	Guideline fail / Imperative pass
BLYTH - Source to How Burn	Salmonid	Guideline fail / Imperative pass
PONT - Fenwick Burn to Med Burn	Salmonid	Guideline fail / Imperative pass
PONT - Source to Fenwick Burn	Salmonid	Guideline fail / Imperative pass
SEATON BURN - Railway line to tidal limit	Cyprinid	Guideline pass / Imperative pass
SEATON BURN - Extension to source	Cyprinid	Guideline pass / Imperative pass
TYNE - Extension to source	Salmonid	Guideline pass / Imperative pass
ERRING BURN - Source to North Tyne	Salmonid	Guideline pass / Imperative pass
ERRING BURN - Extension to source	Salmonid	Guideline pass / Imperative pass

Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
WARKS BURN - Source to North Tyne	Salmonid	Guideline fail / Imperative pass
HOXTEY BURN - Source to North Tyne	Salmonid	Guideline pass / Imperative pass
REDE - Source to Sills Burn	Salmonid	Guideline pass / Imperative pass
ESLDON BURN - LSDON Minewater to NY9110 921	Salmonid	Guideline fail / Imperative pass
ESLDON BURN - Extension to source	Salmonid	Guideline fail / Imperative pass
DURTREES BURN - Source - Yatesfield	Salmonid	Guideline pass / Imperative pass
CHIRDON BURN - Source to North Tyne	Salmonid	Guideline pass / Imperative pass
CHIRDON BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
TARSET BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
AKENSHAW BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
SOUTH TYNE - Source to Black Burn (Alton)	Salmonid	Guideline fail / Imperative pass
ALLEN - Source to Sinderhop	Salmonid	Guideline fail / Imperative pass
WEST ALLEN - Turney Cleugh to Allen	Salmonid	Guideline pass / Imperative pass
WEST ALLEN - Source to Turney Cleugh	Salmonid	Guideline pass / Imperative pass
HALTWHISTLE BURN - Source to South Tyne	Salmonid	Guideline pass / Imperative pass
HALTWHISTLE BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
TIPALT BURN - Thirlwell Castle to South Tyne	Salmonid	Guideline pass / Imperative pass
TIPALT BURN - Source to Thirlwell castle	Salmonid	Guideline pass / Imperative pass
TIPALT BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
PARK BURN - Source to South Tyne	Salmonid	Guideline pass / Imperative pass

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PARK BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
HARTLEY BURN - Source to South Tyne	Salmonid	Guideline pass / Imperative pass
HARTLEY BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
NENT - Source to South Tyne	Salmonid	Guideline fail / Imperative fail
BLACK BURN (ALESON) - Extension to source	Salmonid	Guideline fail / Imperative pass
WHITTLE BURN - Welton Burn to Whittle Dene WTW	Salmonid	Guideline pass / Imperative pass
WHITTLE BURN - Source to Welton Burn	Salmonid	Guideline pass / Imperative pass
DEVIL'S WATER - Source to Tyne	Salmonid	Guideline pass / Imperative pass
DERWENT - Source to Bolts Burn	Salmonid	Guideline pass / Imperative pass
Horsleyhope Burn - Comb Bridges to Derwent	Salmonid	Guideline pass / Imperative pass
Horsleyhope Burn - Source to Comb Bridges	Salmonid	Guideline pass / Imperative pass
BURNHOPE BURN - Burnhope Bridge to Derwent	Salmonid	Guideline pass / Imperative pass
BURNHOPE BURN - Source to Burnhope Bridge	Salmonid	Guideline pass / Imperative pass
DON - Strother House to tidal limit	Cyprinid	Guideline fail / Imperative pass
DON - Source to NZ3008 597	Cyprinid	Guideline fail / Imperative pass
TEAM - Greenburn Howl to Rowlatch Burn	Cyprinid	Guideline fail / Imperative pass
TEAM - Tanfield STW to Greenburn How	Cyprinid	Guideline fail / Imperative pass
TEAM - Extension to source	Cyprinid	Guideline fail / Imperative pass
BEDBURN BECK - Source to Wear	Salmonid	Guideline pass / Imperative pass
BEDBURN BECK - Extension to source	Salmonid	Guideline pass / Imperative pass

Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
WASKERLEY BECK - Source to Wear	Salmonid	Guideline pass / Imperative pass
BOLIIHOPE BURN - Source to Wear	Salmonid	Guideline pass / Imperative pass
STANHOPE BURN - Source to Crawley Side Quarries	Salmonid	Guideline pass / Imperative pass
STANHAOPE BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
KILHOP BURN - Source to Burnhop Burn	Salmonid	Guideline pass / Imperative pass
KILHOP BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
BURNHOPE BURN - Source to Kilhope Burn	Salmonid	Guideline pass / Imperative pass
BURNHOPE BURN - Extension to source	Salmonid	Guideline pass / Imperative pass
GAUNLESS - South church to Coundon Burn	Salmonid	Guideline fail / Imperative pass
GAUNLESS - Hummer Beck to South Church	Salmonid	Guideline fail / Imperative pass
GAUNLESS - Copley to Lowlands Mine	Salmonid	Guideline fail / Imperative pass
GAUNLESS - Source to Copley	Salmonid	Guideline fail / Imperative pass
GAUNLESS - Extension to source	Salmonid	Guideline fail / Imperative pass
CROXDALE BECK - Bowburn Beck to Wear	Cyprinid	Guideline pass / Imperative pass
CROXDALE BECK - East Howle Beck to Bowburn Beck	Cyprinid	Guideline pass / Imperative pass
CROXDALE BECK - Tursdale to East Howle Beck	Cyprinid	Guideline pass / Imperative pass
CROXDALE BECK - A1(M) to Tursdale Beck	Cyprinid	Guideline pass / Imperative pass
CROXDALE BECK - Kelloe STW to A1(M)	Cyprinid	Guideline pass / Imperative pass
CROXDALE BECK - Source to Kelloe STW	Cyprinid	Guideline pass / Imperative pass
TURSDALE BECK - Source to Croxdale Beck	Cyprinid	Guideline pass / Imperative pass

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Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
BROWNEY - Browney STW to Wear	Salmonid	Guideline fail / Imperative pass
BROWNEY - Deerness to Browney STW	Salmonid	Guideline fail / Imperative pass
BROWNEY - Abbey Burn to Smallhope Burn	Salmonid	Guideline pass / Imperative pass
BROWNEY - Sawmill Bridge to Abbey Burn	Salmonid	Guideline pass / Imperative pass
BROWNEY - Source to Sawmill Bridge	Salmonid	Guideline pass / Imperative pass
DEERNESS - Source to Hedleyhope Burn	Salmonid	Guideline fail / Imperative pass
SMALLHOPE BURN - Newhouse Burn to Browney	Cyprinid	Guideline fail / Imperative pass
SMALLHOPE BURN - Stockerley to Newhouse Burn	Cyprinid	Guideline fail / Imperative pass
SMALLHOPE BURN - Extension to source	Cyprinid	Guideline fail / Imperative pass
WEAR - Cong Burn to Tidal limit	Salmonid	Guideline fail / Imperative pass
CONG BURN - Twizell Burn to Wear	Cyprinid	Guideline fail / Imperative pass
CONG BURN - Extension to source	Cyprinid	Guideline fail / Imperative pass
LUMLEY PARK BURN - A1(M) to Wear	Cyprinid	Guideline fail / Imperative pass
LUMLEY PARK BURN - Herrington Burn A1(M)	Cyprinid	Guideline fail / Imperative pass
LUMLEY PARK BURN - Extension to source	Cyprinid	Guideline fail / Imperative pass
OLD DURHAM BECK - Chapman Beck to Wear	Salmonid	Guideline fail / Imperative pass
OLD DURHAM BECK - Pittington Beck to Chapman Beck	Salmonid	Guideline fail / Imperative pass
PITTINGTON BECK - Coalford to Old Durham Beck	Cyprinid	Guideline fail / Imperative pass
PITTINGTON BECK - Extension to Source	Cyprinid	Guideline fail / Imperative pass
EGGLESTON BURN LESTON BURN - Source Tees	Cyprinid	Guideline pass / Imperative pass

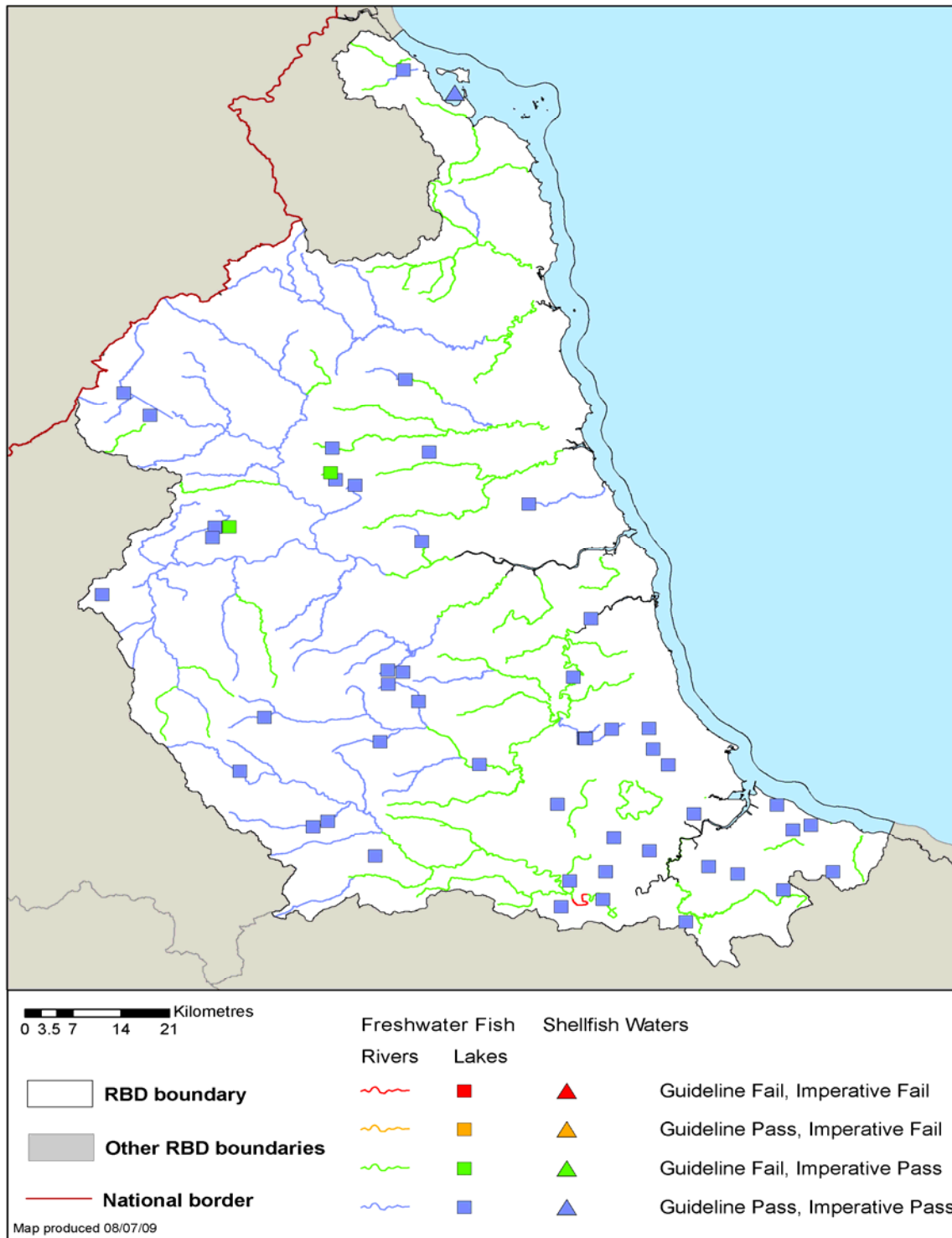
Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
STILLWATER - Selsset Reservoir	Cyprinid	Guideline pass / Imperative pass
STILLWATER - Grassholme Reservoir	Salmonid	Guideline pass / Imperative pass
CLOW BECK - Source to Clow Beck	Salmonid	Guideline fail / Imperative pass
CLOW BECK - Extension to source	Salmonid	Guideline fail / Imperative pass
ALDBROUGH BECK - Extension to source	Cyprinid	Guideline fail / Imperative pass
LANGLEY BECK - Sudburn Beck to Westholme Beck	Salmonid	Guideline fail / Imperative pass
LANGLEY BECK - Source to Sudburn Beck	Salmonid	Guideline fail / Imperative pass
LANGLEY BECK - Extension to source	Salmonid	Guideline fail / Imperative pass
SLEIGHTHOLME BECK - Source to Greta	Salmonid	Guideline pass / Imperative pass
SKERNE - Cocker Beck - Stresholme stream	Cyprinid	Guideline fail / Imperative pass
SKERNE - Gt Burdon - Haughton	Cyprinid	Guideline fail / Imperative pass
SKERNE - Haughton - Cocker Beck	Cyprinid	Guideline fail / Imperative pass
SKERNE - Demons Beck - Aycliffe	Cyprinid	Guideline fail / Imperative pass
SKERNE - Aycliffe - Shelters Bridge	Cyprinid	Guideline fail / Imperative pass
SKERNE - Shelters Bridge - Ketton Bridge	Cyprinid	Guideline fail / Imperative pass
SKERNE - Woodham Burn - Demons Beck	Cyprinid	Guideline fail / Imperative pass
SKERNE - Carrs - Woodham burn	Cyprinid	Guideline fail / Imperative pass
TEES - Staindale Beck to tidal limit	Salmonid	Guideline fail / Imperative pass
TEES - NZ3440 0712 to Staindale Beck	Salmonid	Guideline fail / Imperative pass
TEES - Neasham stell to NZ3440 071	Salmonid	Guideline fail / Imperative pass
TEES - Low hail to Neasham Stell	Salmonid	Guideline fail / Imperative pass

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Freshwater fish water name (watercourse & stretch name)	Designation (cyprinid or salmonid)	Compliance status ^(a) (guideline pass, imperative pass, fail)
TEES - Spa Beck to Low Hail bridge	Salmonid	Guideline fail / Imperative fail
TEES - Skerne to Spa Beck	Salmonid	Guideline fail / Imperative pass
BILLINGHAM BECK - Brierley Beck to tidal limit	Cyprinid	Guideline fail / Imperative pass
BILLINGHAM BECK - Carlton Beck to Brierley Beck	Cyprinid	Guideline fail / Imperative pass
BILLINGHAM BECK - Bishopton Beck to Carlton Beck	Cyprinid	Guideline fail / Imperative pass
BILLINGHAM BECK - Elstob Beck to Bishopton Beck	Cyprinid	Guideline fail / Imperative pass
BILLINGHAM BECK - Trib NZ3696 2664 to Elstob Beck	Cyprinid	Guideline fail / Imperative pass
BILLINGHAM BECK - Source to Trib NZ3696 266	Cyprinid	Guideline fail / Imperative pass
LEVEN - Source to Great Ayton STW	Salmonid	Guideline fail / Imperative pass
LEVEN - Extension to source	Salmonid	Guideline fail / Imperative pass
SKELTON BECK - Tocketts Mill to Saltburn Gill	Salmonid	Guideline fail / Imperative pass
SKELTON BECK - Howl Beck to Tocketts Mill	Salmonid	Guideline fail / Imperative pass
SKELTON BECK - Extension to source	Salmonid	Guideline fail / Imperative pass
KILTON BECK - NZ7130 1946 to sea	Cyprinid	Guideline fail / Imperative pass
KILTON BECK - Middle Gill Beck to NZ7130 194	Cyprinid	Guideline fail / Imperative pass
KILTON BECK - Extension to source	Cyprinid	Guideline fail / Imperative pass
STILLWATER - Cow Green Reservoir	Cyprinid	Guideline pass / Imperative pass
ARGILL BECK - Extension to source	Salmonid	Guideline pass / Imperative pass

^(a) using 2008 data

Figure D.21 Results of monitoring for significant species (freshwater fish & shellfish waters)



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Economically Significant Species (Shellfish Waters)

Compliance against objectives for shellfish waters has been assessed using the relevant monitoring data from 2008. The results are shown in Figure D.22. The results are also presented as a map in Figure D.21 above.

Figure D.22 Results of monitoring for economically significant species (shellfish waters)

Shellfish water name	Compliance status ^(b) (guideline pass, imperative pass, fail)
Holy Island	Guideline Pass / Imperative Pass

^(b) using 2008 data

Recreational Waters (Bathing Waters)

Compliance against objectives for bathing waters has been assessed using the relevant monitoring data from 2008. The results are shown in Figure D.23. The results are also presented as a map in figures D.24 (current Directive) and D.25 (prediction against revised Directive standards).

Figure D.23 Results of monitoring for recreational waters (bathing waters)

Bathing water name	Compliance status under current BWD ^(c) (guideline pass, imperative pass, fail)	Predicted compliance assessment under revised BWD ^(d) (excellent, good, sufficient, poor)
Amble Links	Guideline pass	Excellent
Bamburgh Castle	Guideline pass	Excellent
Beadnell	Guideline pass	Excellent
Blyth South Beach	Imperative pass	Sufficient
Crimdon	Guideline pass	Excellent
Druridge Bay	Guideline pass	Excellent
Druridge Bay North	Guideline pass	Not classified
Low Newton	Guideline pass	Excellent
Marsden	Guideline pass	Excellent
Newbiggin North	Guideline pass	Poor
Newbiggin South	Imperative pass	Excellent
Redcar Coatham	Guideline pass	Good
Redcar Granville	Imperative pass	Good
Redcar Lifeboat Station	Imperative pass	Good
Redcar Stray	Guideline pass	Excellent
Roker/ Whitburn South	Guideline pass	Excellent
Saltburn	Imperative pass	Sufficient
Sea at Marske Sands	Guideline pass	Good
Seaham Beach	Imperative pass	Good

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Bathing water name	Compliance status under current BWD ^(c) (guideline pass, imperative pass, fail)	Predicted compliance assessment under revised BWD ^(d) (excellent, good, sufficient, poor)
Seaham Hall Beach (Remand Home)	Imperative pass	Good
Seahouses North	Guideline pass	Excellent
Seaton Carew Centre	Imperative pass	Good
Seaton Carew North	Guideline pass	Good
Seaton Carew North Gare	Guideline pass	Excellent
Seaton Sluice	Imperative pass	Good
South Shields	Guideline pass	Good
Tynemouth Cullercoats	Imperative pass	Sufficient
Tynemouth King Edwards Bay	Guideline pass	Excellent
Tynemouth Long Sands North	Imperative pass	Good
Tynemouth Long Sands South	Guideline pass	Excellent
Warkworth	Guideline pass	Excellent
Whitburn North	Imperative pass	Excellent
Whitley Bay	Guideline pass	Excellent

^(c) using 2008 data

^(d) using 2004-2008 data

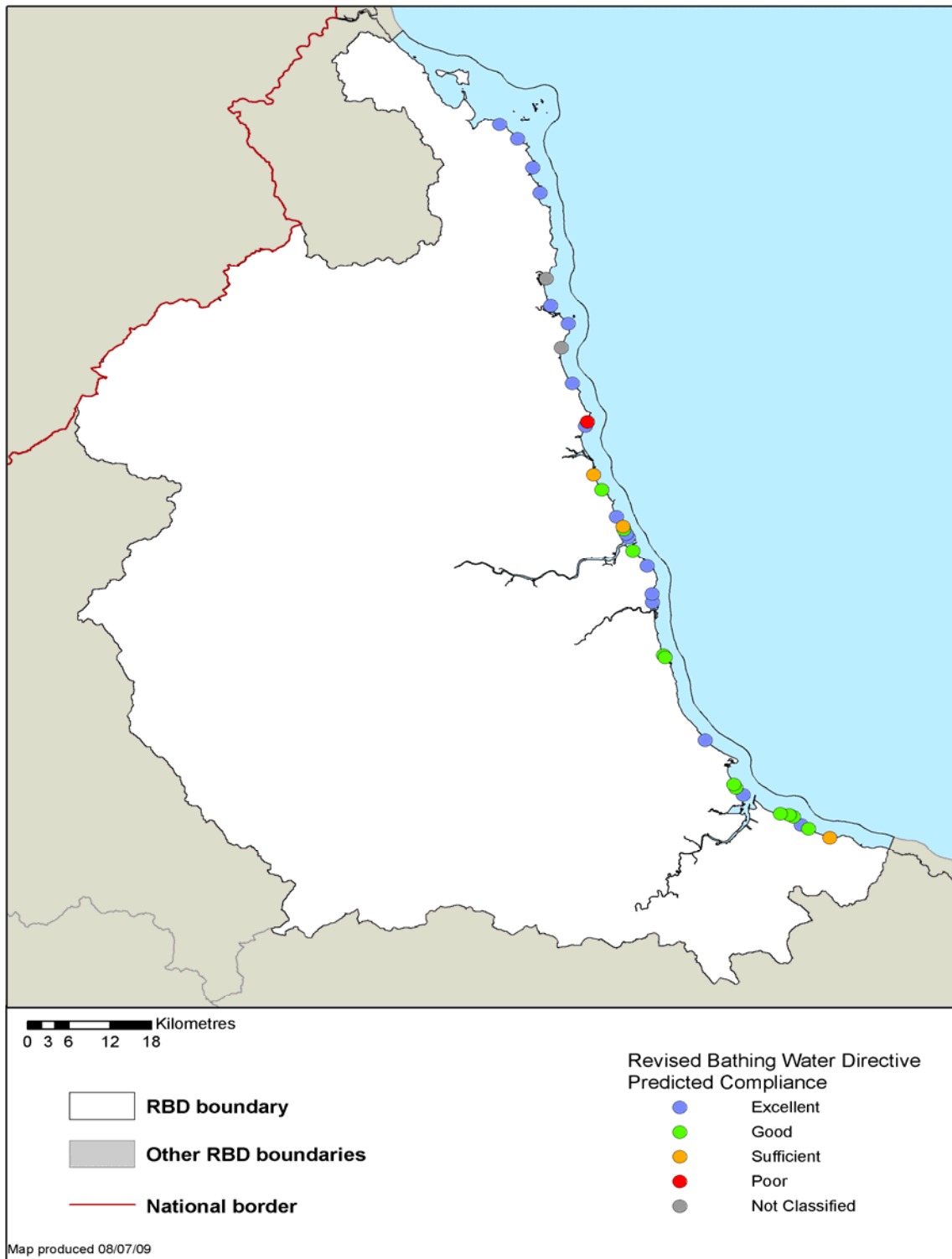
Figure D.24 Results of monitoring for recreational waters (bathing waters under current BWD)



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Figure D.25 Results of monitoring for recreational waters (bathing waters using prediction under revised BWD)



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Nutrient Sensitive Areas (Nitrate Vulnerable Zones)

The Nitrates Directive does not use a standard-based compliance regime for the areas designated under it. Compliance is therefore not monitored against an environmental standard, as in the Freshwater Fish Directive, for example. Rather compliance is measured by the appropriate designation of NVZs and the undertaking of action programmes to reduce or prevent further pollution caused by nitrates.

We periodically review where nitrate pollution from agriculture is affecting waters and the success of the action programmes that are undertaken in the designated NVZs draining to these polluted waters. As a result additional NVZs are designated where the following criteria apply and agriculture is a significant source of nitrate:

- surface freshwaters, including those used or intended for the abstraction of drinking water, contain or could contain more than 50 mg/litre of nitrate;
- groundwater which contains, or could contain, more than 50 mg/litre of nitrate;
- natural freshwater lakes, or other freshwater bodies, estuaries, and coastal waters, which are eutrophic⁵ or may become so in the near future.

The location of NVZs is shown in Figure D.6 (NVZs subject to appeals). A list of NVZs in the Northumbria River Basin District is given in the register of protected areas. This can be found at <http://www.environment-agency.gov.uk/research/planning/33346.aspx>.

Nutrient Sensitive Areas (Urban Waste Water Treatment Directive)

The UWWTD does not use a standard-based compliance regime for the areas designated under it. Compliance is therefore not monitored against an environmental standard, as in the Freshwater Fish Directive, for example. Rather compliance is measured by the appropriate designation of Sensitive Areas and monitoring relevant discharges affecting these Areas to ensure they meet the emission standards set out in the Directive.

We periodically review where phosphate and/or nitrate pollution from sewage treatment works serving populations above 10,000 is affecting waters. As a result additional Sensitive Areas are designated where protective action is not taken:

- freshwaters, estuaries and coastal waters are eutrophic⁵ or may become so in the near future.
- surface freshwaters, including those used or intended for the abstraction of drinking water, contain or could contain more than 50 mg/litre of nitrate.

The location of UWWTD Sensitive Areas is shown in Figure D.6. Compliance for relevant discharges affecting UWWTD Sensitive Areas has been assessed using the relevant monitoring data from 2008. The results are shown in Figure D.26. The results are also presented as a map in figure D.27.

⁵ The Nitrates Directive and UWWTD define the process of eutrophication as “the enrichment of water by nutrients (especially nitrogen and/or phosphorus compounds for UWWTD, nitrogen compounds for Nitrates Directive), causing an accelerated growth of algae and higher forms of plant life, to produce an undesirable disturbance to the balance of organisms present in the water and to the quality of the water concerned.”

Figure D.26 Results of monitoring for relevant discharges into UWWTD sensitive areas

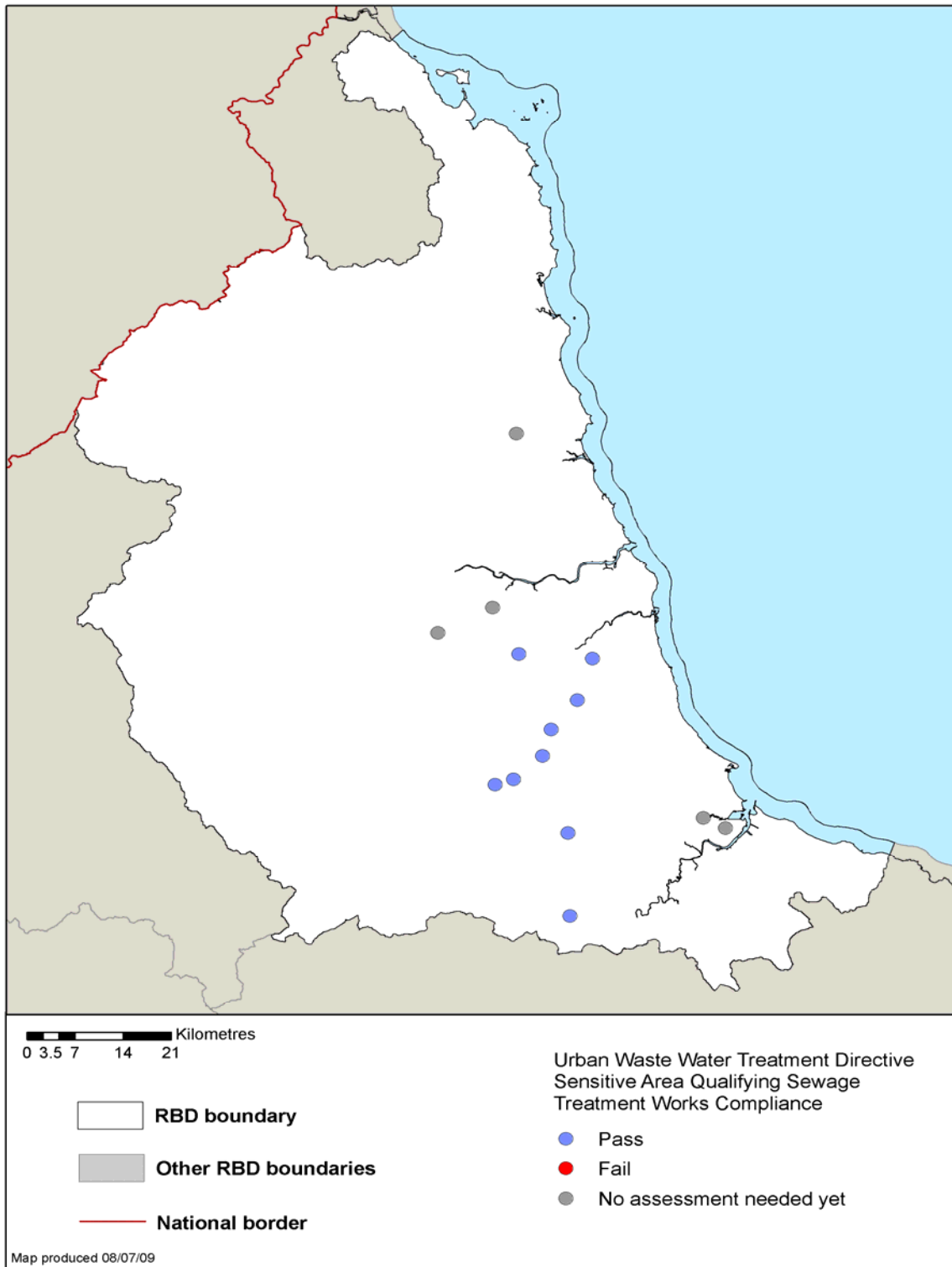
Sensitive Area name	Year of designation	Year UWWTD emissions standards come into force^(e)	Relevant Discharge Name	UWWTD Compliance Status of discharge^(f) (pass, fail, n/a^(g))
River Skerne (Tees catchment)	1998	2005	Newton (Aycliffe) STW	Pass
River Wear	1998	2005	Bishop Auckland (Vinovium) STW	Pass
River Wear	1998	2005	Durham (Belmont) STW	Pass
River Wear	1998	2005	Durham (Browney) STW	Pass
River Wear	1998	2005	Low Wadsworth STW	Pass
River Wear	1998	2005	Spennymoor (Tudhoe Mill) STW	Pass
River Wear	1998	2005	Stanley (Hustledown) STW	Pass
River Derwent (Northumbria)	2002	2009	Consett STW	n/a
River Derwent (Northumbria)	2002	2009	Rowlands Gill (Lockhaugh) STW	n/a
River Wansbeck and Amenity Lake	2002	2009	Morpeth STW	n/a
Seal Sands, Tees Estuary	2002	2009	Billingham STW	n/a
Seal Sands, Tees Estuary	2002	2009	Middlesborough (Bran Sands) STW	n/a
River Skerne (Tees catchment)	1998	2005	Darlington (Stressholme) STW	Pass
River Wear	1998	2005	Sedgeleth STW	Pass

^(e) requirement to meet the Directive's emission standards is at the latest seven years after designation of the Sensitive Area

^(f) using 2008 data

^(g) not applicable (n/a) if within seven years of designation of the Sensitive Area

Figure D.27 Results of monitoring for relevant discharges into UWWTD sensitive areas



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Natura 2000 Protected Areas (water dependent SACs & SPAs)

Compliance against conservation objectives has been assessed by Natural England. The results are shown in Figure D.28.

Figure D.28 Results of status assessments for Natura 2000 Protected Areas (water dependent SACs and SPAs) in Northumbria River Basin District

	Number of Natura 2000 Protected Areas currently achieving favourable conservation status	Number of Natura 2000 Protected Areas predicted to achieve favourable conservation status by 2015	Number of Natura 2000 Protected Areas predicted to achieve favourable conservation status by 2021
SAC	7	9	9
SPA	3	6	6
Total	10	15	15

The results are also presented as maps in Figures D.29 and D.30.

Figure D.29 Results of status assessments for Natura 2000 Protected Areas (water dependent SACs)

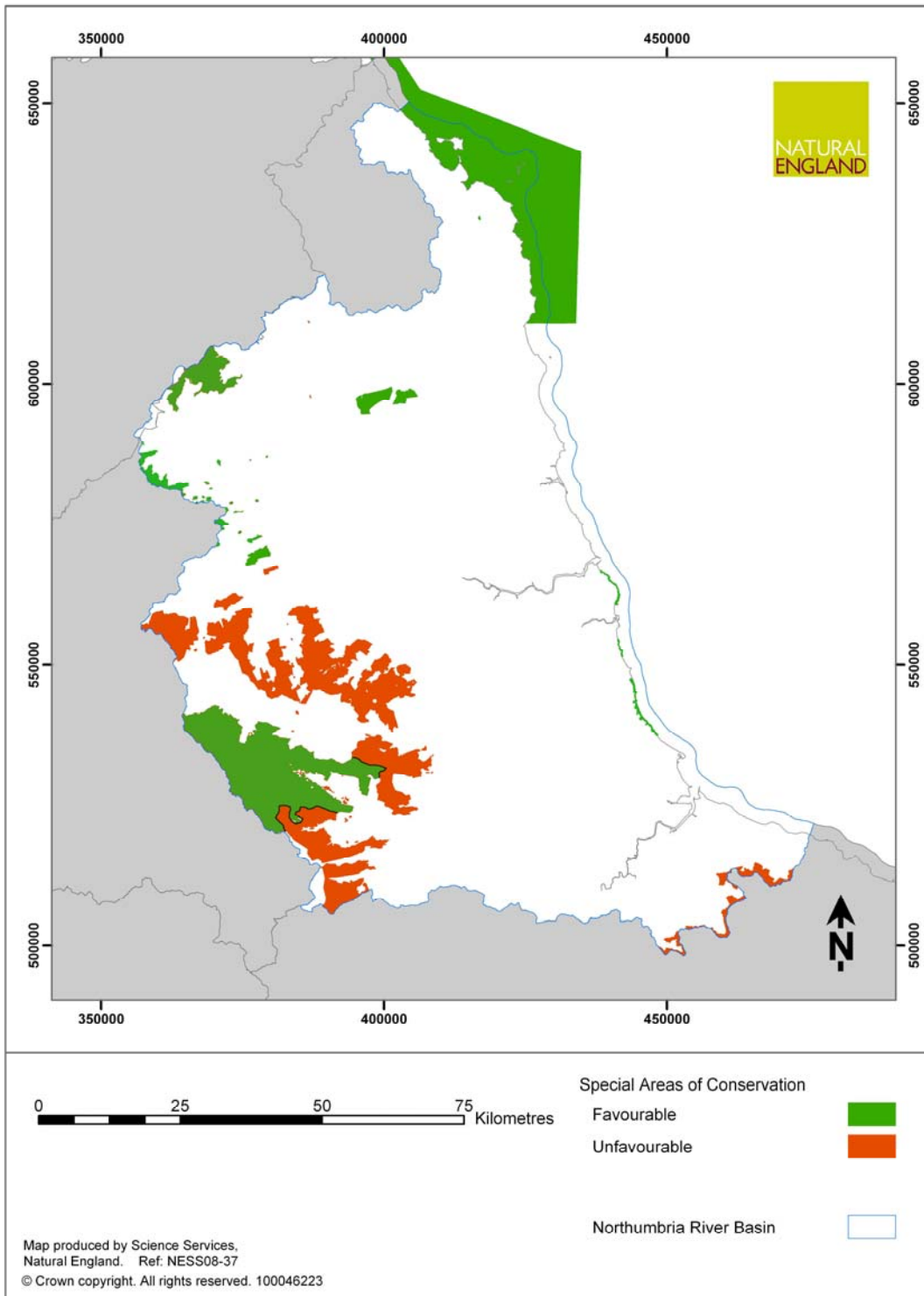
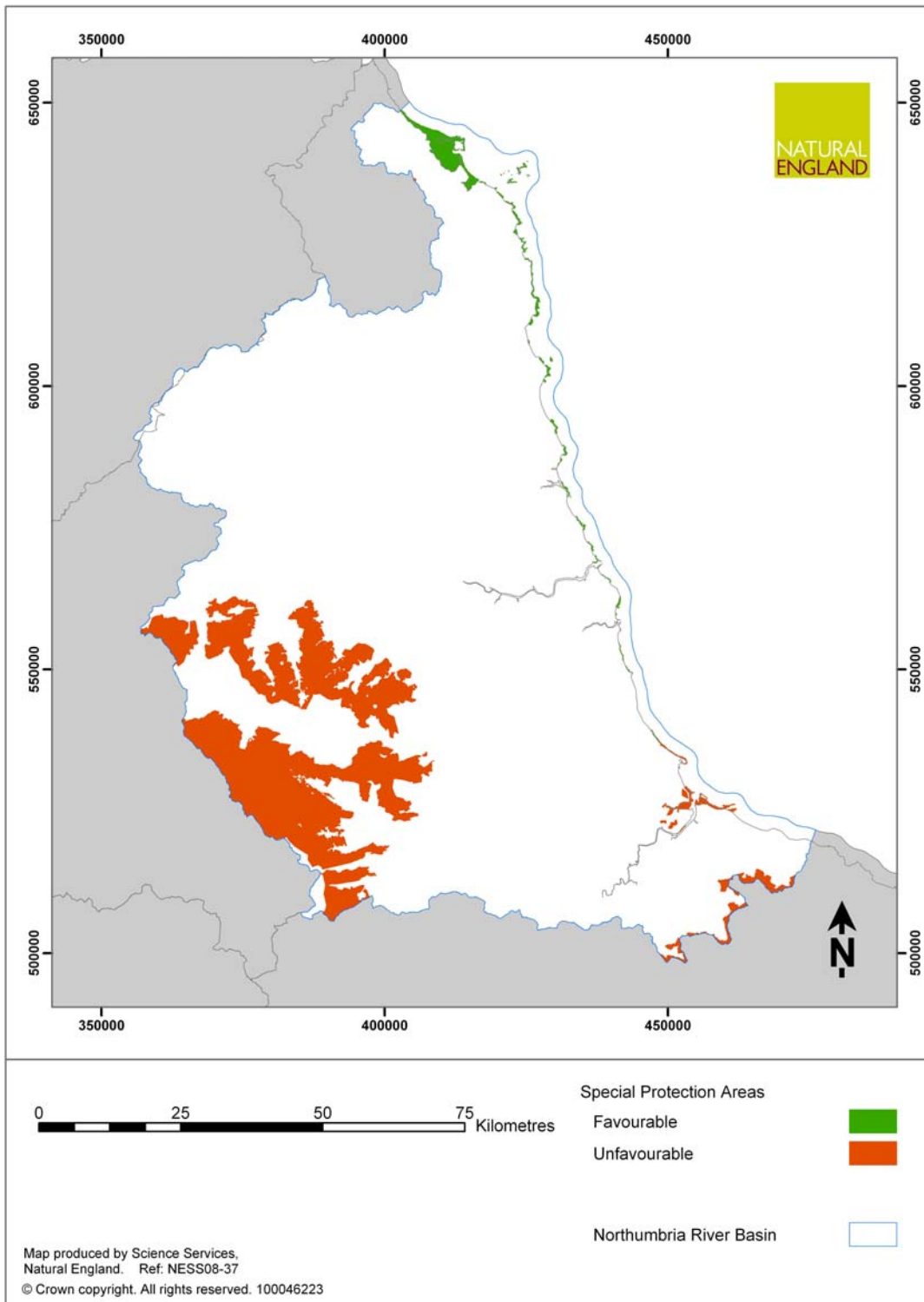


Figure D.30 Results of status assessments for Natura 2000 Protected Areas (water dependent SPAs).



Actions (measures) for Natura 2000 Protected Areas (water dependent SACs & SPAs)

The United Kingdom Technical Advisory Group (UKTAG) has produced guidance on Natura 2000 Protected Areas and the Water Framework Directive:

- *Guidance on the Identification of Natura Protected Areas* (UKTAG, 2003)
- *Guidance in determining whether Natura 2000 Protected Areas are meeting the requirements of Article 4 (1c) for the 1st RBMP* (UKTAG)

These documents can be found on the UKTAG website (<http://www.wfduk.org>).

Government guidance has also been issued: *River Basin Planning Guidance Vol 2* (Defra/Welsh Assembly Government, 2008). This document can be found on the Defra website (<http://www.defra.gov.uk/environment/quality/water/wfd/documents/riverbasinguidance-Vol2.pdf>).

The following section has been prepared jointly by the Environment Agency and Natural England. Natural England has a significant role to play in river basin planning and management.

Natural England has identified the actions that need to be taken to achieve conservation objectives, and to avoid deterioration at Natura 2000 Protected Areas. This is part of a programme of work to achieve the objectives of the EC Habitats Directive and Birds Directive in the United Kingdom. The Government has set a Public Sector Agreement (PSA) target for 95% of SSSIs to achieve 'favourable' or 'recovering' condition by 2010. Actions are based on the PSA programme of delivery and may be subject to change. This will continue after 2010 as an indicator for Defra's Departmental Strategic Objective 2.

Where Natura 2000 Protected Areas coincide with water bodies, there is also the requirement to aim to achieve the Water Framework Directive status objectives for the relevant water bodies. The actions presented in Annex D are specifically aimed at ensuring the continued maintenance of, and restoration to, favourable conservation status for the protected areas: they may also contribute to the water body objectives.

Actions shown in this Annex are summarised for ease of reference in Annex C alongside other actions to achieve water body status objectives.

Natural England has provided advice on whether the deadlines for ensuring the continued maintenance of, and restoration to, favourable conservation status should be extended in accordance with the criteria under Article 4.4 of the Water Framework Directive and have provided the 'reasons for extended deadlines' and justification.

A table has been produced for each Natura 2000 Protected Area based on the details provided by Natural England (Figure D.31). The tables include information about each site including: the water-dependent features, status, objectives, actions (measures) and information on extended deadlines.

Only those actions which address water-related impacts are included in the tables. The tables do not include water-related actions that address impacts other than those affecting the European features of interest specific to each Natura 2000 Protected Area.

The actions identified by Natural England include:

- ‘Remedies’ that have been identified by Natural England to address the reasons for adverse condition of the SSSIs that underpin all SACs and SPAs in England above low-water mark. The protection of SACs and SPAs in England is largely secured through the legal provisions for SSSIs. The Wildlife and Countryside Act 1981 requires Ministers and all public bodies to further the conservation of SSSIs. Natural England must be consulted before any operations are undertaken or permitted that are likely to damage an SSSI.
- Revocation or amendment of consents or permissions granted by statutory bodies that are assessed, by those bodies in consultation with Natural England, as having an adverse effect on the integrity of SACs and SPAs. For the past ten years, the Environment Agency has carried out a comprehensive review of consents (RoC) under the Conservation (Natural Habitats &c) Regulations 1994. The relevant results of RoC are included in the tables.
- Schemes that have been included in water company investment programmes under the Habitats Directive driver for 2005-10 and 2010-15. Many schemes, especially those relating to abstraction, have been identified by investigations funded under the Periodic Reviews.
- Actions for marine Natura 2000 Protected Areas. These have been drawn from the PSA programme and from Management Schemes prepared by the relevant authorities under Regulation 34 of the 1994 Regulations.

Further information on the Natura 2000 Protected areas in England is available on Natural England’s website (www.naturalengland.org.uk/ourwork/position/water/waterdirective.aspx).

The following diagram gives further explanation of the information in these tables.

The legislation under which the site was designated and links to further information on the SAC or SPA.

Indicates whether the water-dependent features of the site are meeting the objective of Favourable Conservation Status – and if not, by when it is to be met. Article 4.1(c) of the WFD sets 2015 as the deadline to meet the objectives for Protected Areas. Where there are valid reasons to extend this deadline, these are shown.

N2K Protected Area in Western Wales River Basin District (Afon Eden-Cors Goch Trawsfynydd SAC)

The name of the Natura 2000 site.

Protected Area name Afon Eden-Cors Goch Trawsfynydd SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC); http://www.jncc.gov.uk/page-1-374 Detailed site information: http://www.cow.gov.uk/landscape-wildlife/protecting-our-landscape/special-sites-project/aber-to-brecon-sac-list/afon-eden-cors-goch-tw.aspx	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? If not, date for achieving environmental objectives	No Extended to 2021
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Shows the overall objective for the Protected Area.

The list of habitats and species (features) for which the site was designated under Community legislation.

Overall objective for Protected Area:
Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):
Active raised bogs (H7110); Atlantic salmon (S1106); Floating water-plantain (S1831); Freshwater pearl mussel (S1029); Otter (S1355)

Waterbody ID:
GB110064048710; GB110064048720; GB110064048730; GB110064048740; GB110064048750; GB110064054830

The list of water bodies found in the Protected Area.

Reasons for the site not being at Favourable Conservation Status. These are related to the pressures (attributes) recognised under the Water Framework Directive.

Reason for feature/s either not meeting objective or being at risk of deterioration		Measures proposed to maintain at, or improve to, Favourable Conservation Status		Measure to be made operational no later than
Attribute	Reason	Measure	Organisation responsible	
Water quality	- Water pollution - discharge	■ Other competent authority functions	Welsh Assembly Government	2012
	- Water pollution - discharge	Undertake review of consents	Environment Agency	2012
Water quality	- Boats - not powered	Undertake review of consents	Snowdonia National Park	2012
Water quality	- Ditch management	Land management scheme	Welsh Assembly Government	2012
Water quality	- Freshwater fish stocking	Fisheries enhancement projects	Environment Agency	2012
Water quality	- Pest control	Land management scheme	Welsh Assembly Government	2012
Water quality	- Siltation	Land management scheme	Welsh Assembly Government	2012

The latest date by which the measure will be made operational.

The organisation responsible for the implementation of the measure.

Reasons and justifications for extending the deadline for meeting the objective of Favourable Conservation Status.

Reason for feature/s not meeting objective by 2015	
Pearl Mussel population recovery – natural conditions: ecological recovery time	
Justification for extended deadline	
Fisheries improvements required for host salmon population. Measures are being enacted but given slow reproductive rate of Pearl Mussel full population recovery will take time.	

Measures required to achieve Favourable Conservation Status. These measures have been derived from existing programmes, e.g. SSSI PSA remedies, Review of Consents, water company investment programme (see above). Where measures are marked with "■" they will be subject to further discussion to finalise details.

Figure D.31 Objectives and actions (measures) for Natura 2000 Protected Areas (water dependent SACs & SPAs).

See following page

N2K Protected Area in Northumbria River Basin District (Berwickshire & North Northumberland Coast SAC)

Protected Area name Berwickshire & North Northumberland Coast SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)?	No
	Detailed site information: http://www.natureonthemap.org.uk/ www.xbordercurrents.com/	If not, date for achieving environmental objectives	2015

Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Grey seal (S1364); Intertidal mudflats and sandflats (H1140); Reefs (H1170); Sea caves (H8330); Shallow inlets and bays (H1160)

Waterbody ID:

GB102021073090; GB102021073110; GB103021073220; GB103021073240; GB103021073250; GB103022076300; GB103022076320; GB103022076360; GB103022076370; GB103022076420; GB103022076440; GB103022076450; GB103022076490; GB103022077070; GB510202110000; GB620301100000; GB650301440000; GB650301500001; GB680301430000

Reason for feature/s either not meeting objective or being at risk of deterioration		Measures proposed to maintain at, or improve to, Favourable Conservation Status		Measure to be made operational no later than
Attribute	Reason	Measure	Organisation responsible	
Water quality	- Water pollution - agriculture / run off	Develop pollution action plan (evaluate impacts and apply appropriate solution, e.g. catchment sensitive farming, water protection zone or control of discharges)	Environment Agency, Natural England, Defra	2012

N2K Protected Area in Northumbria River Basin District (Border Mires; Kielder - Butterburn SAC)

Protected Area name Border Mires; Kielder - Butterburn SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
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Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Blanket bog (H7130); Hard-water springs depositing lime (H7220); Very wet mires often identified by an unstable 'quaking' surface (H7140); Wet heathland with cross-leaved heath (H4010)

Waterbody ID:

GB102076073980; GB102076074080

Reason for feature/s either not meeting objective or being at risk of deterioration <i>Attribute - Reason</i>	Measures proposed to maintain at, or improve to, Favourable Conservation Status <i>Measure Organisation responsible</i>	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (Coquet Island SPA)

Protected Area name Coquet Island SPA	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
--	--	--

Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Arctic tern; Common tern; Puffin; Roseate tern; Sandwich tern; Seabird assemblage

Waterbody ID:

GB650301500001

Reason for feature/s either not meeting objective or being at risk of deterioration <i>Attribute - Reason</i>	Measures proposed to maintain at, or improve to, Favourable Conservation Status <i>Measure Organisation responsible</i>	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (Durham Coast SAC)

Protected Area name Durham Coast SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
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Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Vegetated sea cliffs (H1230)

Waterbody ID:

GB103024077610; GB103025075900; GB103025075920; GB103025075930; GB103025075940; GB103025075950; GB103025075990; GB650301500002

Reason for feature/s either not meeting objective or being at risk of deterioration Attribute - Reason	Measures proposed to maintain at, or improve to, Favourable Conservation Status Measure Organisation responsible	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (Farne Islands SPA)

Protected Area name Farne Islands SPA	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
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Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Arctic tern; Common tern; Sandwich tern

Waterbody ID:

GB620301100000; GB650301440000

Reason for feature/s either not meeting objective or being at risk of deterioration <i>Attribute - Reason</i>	Measures proposed to maintain at, or improve to, Favourable Conservation Status <i>Measure Organisation responsible</i>	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (Lindisfarne SPA)

Protected Area name Lindisfarne SPA	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/ www.xbordercurrents.com/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)?	No
		If not, date for achieving environmental objectives	2015
If extended, justification provided at end of this table			

Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Bar-tailed godwit; Common scoter; Dunlin; Eider; Golden plover; Grey plover; Greylag goose; Knot; Light-bellied brent goose; Little tern; Long-tailed duck; Red-breasted merganser; Redshank; Ringed plover; Roseate tern; Sanderling; Shelduck; Whooper swan; Wigeon

Waterbody ID:

GB103021073220; GB103021073240; GB103021073250; GB103022076440; GB103022076490; GB650301440000; GB680301430000

Reason for feature/s either not meeting objective or being at risk of deterioration		Measures proposed to maintain at, or improve to, Favourable Conservation Status		Measure to be made operational no later than
Attribute	Reason	Measure	Organisation responsible	
Water quality	- Water pollution - agriculture / run off	Develop pollution action plan (evaluate impacts and apply appropriate solution, e.g. catchment sensitive farming, water protection zone or control of discharges)	Environment Agency, Natural England, Defra	2012

N2K Protected Area in Northumbria River Basin District (Moor House - Upper Teesdale SAC)

Protected Area name Moor House - Upper Teesdale SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
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Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Alkaline fen (H7230); Blanket bog (H7130); Calcium-rich, nutrient-poor lakes, lochs and ponds (H3140); Hard-water springs depositing lime (H7220); Marsh saxifrage (S1528); Purple moor-grass meadows (H6410); Round-mouthed whorl snail (S1015); Tall herb communities (H6430); Upland plant communities associated with areas of water seepage (H7240)

Waterbody ID:

GB102076070770; GB102076070850; GB102076070880; GB102076070910; GB102076070960; GB102076071000; GB102076073790; GB102076073800; GB102076073810

Reason for feature/s either not meeting objective or being at risk of deterioration <i>Attribute - Reason</i>	Measures proposed to maintain at, or improve to, Favourable Conservation Status <i>Measure Organisation responsible</i>	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (Newham Fen SAC)

Protected Area name Newham Fen SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
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Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Alkaline fen (H7230)

Waterbody ID:

Reason for feature/s either not meeting objective or being at risk of deterioration <i>Attribute - Reason</i>	Measures proposed to maintain at, or improve to, Favourable Conservation Status <i>Measure Organisation responsible</i>	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (North Northumberland Dunes SAC)

Protected Area name North Northumberland Dunes SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
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Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Dune grassland (H2130); Dunes with creeping willow (H2170); Humid dune slacks (H2190); Petalwort (S1395); Shifting dunes (H2110); Shifting dunes with marram grass (H2120)

Waterbody ID:

GB103021073220; GB103021073240; GB103021073250; GB103022076240; GB103022076400; GB103022076440; GB103022076490; GB103022077070; GB510302203000; GB510302203300; GB620301100000; GB650301440000; GB650301500001; GB680301430000

Reason for feature/s either not meeting objective or being at risk of deterioration <i>Attribute - Reason</i>	Measures proposed to maintain at, or improve to, Favourable Conservation Status <i>Measure Organisation responsible</i>	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (North Pennine Moors SAC)

Protected Area name North Pennine Moors SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)?	No
		If not, date for achieving environmental objectives	2015
If extended, justification provided at end of this table			

Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Alkaline fen (H7230); Blanket bog (H7130); Hard-water springs depositing lime (H7220); Marsh saxifrage (S1528); Western acidic oak woodland (H91A0); Wet heathland with cross-leaved heath (H4010)

Waterbody ID:

GB102076070590; GB102076074010; GB102076074020; GB102076074040

Reason for feature/s either not meeting objective or being at risk of deterioration		Measures proposed to maintain at, or improve to, Favourable Conservation Status		Measure to be made operational no later than
Attribute	Reason	Measure	Organisation responsible	
Hydrology	- Drainage	Agri-environment scheme	Natural England	2012
Water quality	- Herbicide / pesticide use	Agri-environment scheme	Natural England	2012

N2K Protected Area in Northumbria River Basin District (North Pennine Moors SPA)

Protected Area name North Pennine Moors SPA	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)?	No
		If not, date for achieving environmental objectives	2015
If extended, justification provided at end of this table			

Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Golden plover; Hen harrier

Waterbody ID:

GB102076070590; GB102076070770; GB102076070850; GB102076070880; GB102076070910; GB102076070960; GB102076071000; GB102076073790; GB102076073800; GB102076073810; GB102076074010; GB102076074020; GB102076074040

Reason for feature/s either not meeting objective or being at risk of deterioration		Measures proposed to maintain at, or improve to, Favourable Conservation Status		Measure to be made operational no later than
Attribute	Reason	Measure	Organisation responsible	
Hydrology	- Drainage	Agri-environment scheme	Natural England	2012
Water quality	- Fertilizer use	Site of special scientific interest management agreement	Natural England	2012
Water quality	- Herbicide / pesticide use	Agri-environment scheme	Natural England	2012

N2K Protected Area in Northumbria River Basin District (Northumbria Coast SPA)

Protected Area name Northumbria Coast SPA	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
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Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Little tern; Sanderling; Turnstone

Waterbody ID:

GB103022076320; GB103022076360; GB103022076420; GB103022076530; GB103022077000; GB103022077070; GB103024077610; GB103025075900; GB103025075970; GB103025075980; GB103025075990; GB510302203200; GB510302310200; GB620301100000; GB650301440000; GB650301500001; GB650301500002

Reason for feature/s either not meeting objective or being at risk of deterioration <i>Attribute - Reason</i>	Measures proposed to maintain at, or improve to, Favourable Conservation Status <i>Measure Organisation responsible</i>	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (Roman Wall Loughs SAC)

Protected Area name Roman Wall Loughs SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
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Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Naturally nutrient-rich lakes or lochs which are dominated by pondweed (H3150)

Waterbody ID:

GB103023075570; GB30328165; GB30328172; GB30328220

Reason for feature/s either not meeting objective or being at risk of deterioration <i>Attribute - Reason</i>	Measures proposed to maintain at, or improve to, Favourable Conservation Status <i>Measure Organisation responsible</i>	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (Simonside Hills SAC)

Protected Area name Simonside Hills SAC	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)? Yes If not, date for achieving environmental objectives If extended, justification provided at end of this table
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Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Blanket bog (H7130)

Waterbody ID:

Reason for feature/s either not meeting objective or being at risk of deterioration <i>Attribute - Reason</i>	Measures proposed to maintain at, or improve to, Favourable Conservation Status <i>Measure Organisation responsible</i>	Measure to be made operational no later than

N2K Protected Area in Northumbria River Basin District (Teemouth & Cleveland Coast SPA)

Protected Area name Teemouth & Cleveland Coast SPA	Protected Area designation Habitats Directive (Council Directive 92/43/EEC): http://www.jncc.gov.uk/page-1374 Detailed site information: http://www.natureonthemap.org.uk/	Is the Protected Area meeting its environmental objectives as required by Article 4 (1c)?	No
		If not, date for achieving environmental objectives	2015
If extended, justification provided at end of this table			

Overall objective for Protected Area:

Favourable Conservation Status (to protect and, where necessary, improve the water or water-dependent environment to the extent necessary to maintain at or improve to Favourable Conservation Status the water-dependent habitats and species for which the Protected Area is designated)

Water-dependent habitats or species for which the Protected Area was designated (interest features):

Cormorant; Knot; Little tern; Redshank; Sanderling; Sandwich tern; Shelduck; Shoveler; Teal; Waterfowl assemblage

Waterbody ID:

GB103025075890; GB103025075910; GB510302509900; GB650301500002; GB650301500003

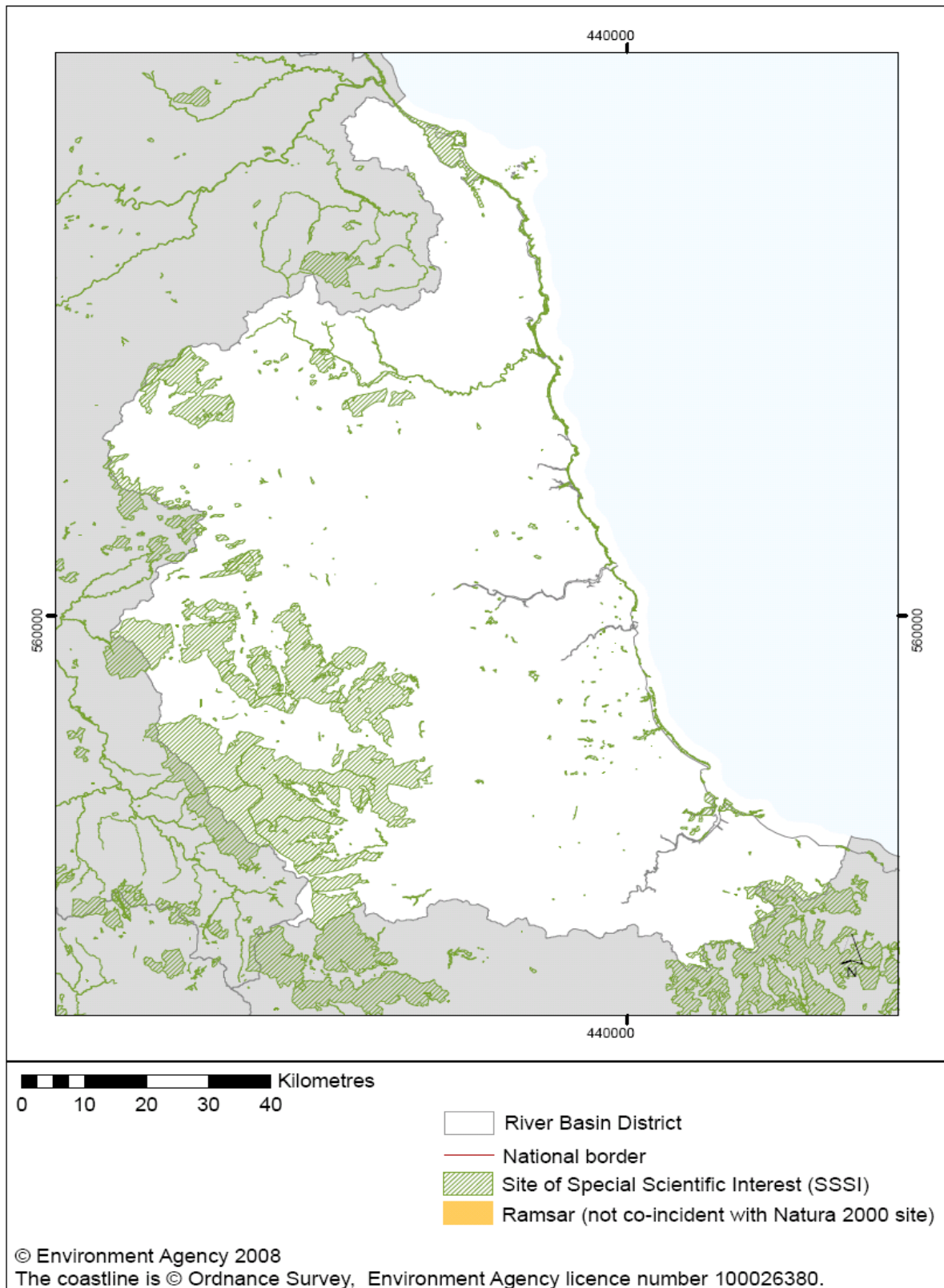
Reason for feature/s either not meeting objective or being at risk of deterioration		Measures proposed to maintain at, or improve to, Favourable Conservation Status		Measure to be made operational no later than
Attribute	Reason	Measure	Organisation responsible	
Hydrology	- Inappropriate water levels	Implementation of appropriate coastal management	Natural England	2012

D.6 Other information

In the third consultation paper on the implementation of the EC Water Framework Directive (2000/60/EC), published in August 2003, the Government stated that it would be beneficial to include a map showing nationally designated conservation sites and Ramsar sites that are not coincident with Natura 2000 designations to further policy and delivery integration. This map is presented in Figure D.32. It shows all Sites of Special Scientific Interest (SSSIs) including those that are not water dependent.

Water Framework Directive objectives only apply to SSSIs that are part of Natura 2000 Protected Areas or are designated as water bodies in their own right.

Figure D.32 Location of Sites of Special Scientific Interest and Ramsar sites that do not overlap with Natura 2000 Protected Areas.



Environment Agency River Basin Management Plan, Northumbria River Basin District
 Annex D : Protected areas
 December 2009