Moving towards common standards monitoring guidance targets for SAC rivers

Record of decisions

Introduction

Targets for water quality and flows are determined for Natura 2000 sites by Natural England with reference to Common Standards Monitoring Guidance (CSMG). Targets for these elements similarly form the basis for assessments of the ecological status of water bodies under the Water Framework Directive (WFD). Water dependant Natura 2000 sites are defined as protected areas under the WFD.

Where possible a single target should be set for elements that are common to the water body and coincident Natura 2000 protected area. However, where achievement of the targets based on CSMG is not possible in the next river basin planning cycle then interim progress goals have been agreed by Natural England and the Environment Agency. These can be in the form of numerical targets or, if inappropriate to set quantitative targets, descriptive measures that will achieve, by 2021, progress towards the long term targets set using CSMG.Where only the CSMG target is expressed, this is the target for 2021.

This document summarizes the decisions made by Natural England and the Environment Agency on the standards that need to be achieved for elements of environmental quality that support the achievement of objectives for the named Natura 2000 protected area. The draft second river basin management plans will be used to consult the public about the locally proposed measures and targets.

Where it has not been possible to agree specific targets, usually because further technical work is required, these will be indicated by an asterisk. In these cases the proposed CSMG target is included as advice from Natural England but it is subject to further validation throughout the period of the consultation and beyond. Where no interim goal or CSMG targets are specified, it is currently considered that the elements are not relevant, or are insufficiently understood for this river.

GB104028052891 Manifold - source to conf R Dove (river)

Humber River Basin District

	CSMG Target	Interim Progress Goal (quantitative target or descriptive measure) by 2021
Flows (% deviations from daily naturalised flow)		
Low flows	10	
Low-moderate flows		
Moderate-high flows		
High flows		
Soluble Reactive Phosphorus ('orthophosphate' expressed as P)		
As annual and growing season means (µg/L)	15	25
Acidification		
pH		
Acid Nuetralising Capacity (ANC)		
Organic Pollution		
Un-ionised ammonia (mg/L as 95%ile)	0.030	
Total ammonia (mg/L as 90%ile)	0.250	
Mean Biological Oxygen Demand (mg/L)	1.500	
Dissolved Oxygen (% saturation as 10%ile)	85	

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Low flows	10	no flow data for this waterbody to judge whether generic target appropriate or being met
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Moderate-high flows		
High flows		
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Moderate-high flows		
High flows		
Soluble Reactive Phosphorus ('orthophosphate' expressed as P)		
As annual and growing season means (µg/L)	7	15; unit 1 classed as river and has less stringent targets applied (15 and 25)
Acidification		
pH		
Acid Nuetralising Capacity (ANC)		
Organic Pollution		
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The targets and goals underpinning the conservation objectives for rivers within Peak District Dales Natura 2000 site have been jointly agreed between Natural England and the Environment Agency.

Natural England

Comment:

Agreed by: Marion Andrews

Date: 28 August 2014

Environment Agency

Comment: Agreed with Mark Cunningham, Team Leader, Environment Management (for rivers Wye and Lathkill) and Matthew Lawrence, Catchment Coordinator (for rivers Dove and Manifold) by email, with Area Environment Managers names supplied as below for formal sign off

Agreed by: Mark Haslam, Suzanne Ward

Date: 28 August 2014