

# RBMP Water body information sheet for water body 10074 in Clyde

## General details

Water body name:	South Calder Water (u/s Auchter Water)
Water body Identifier code:	10074
Length:	10.18 km
Water body category:	River
Baseline:	Y
River basin district:	Scotland
Area advisory group:	Clyde
Catchment:	River Clyde
Associated protected areas:	River Clyde - FRESHWATER FISH (EXISTING) South Calder Water - UWWTD SENSITIVE AREA (EXISTING)
Associated groundwater:	Clydesdale bedrock and localised sand and gravel aquifers
Responsible body:	SEPA North Lanarkshire
Heavily modified:	No
Artificial:	No
Typology:	Mid-altitude Small Calcareous
National Grid Reference:	NS 89394 60611
Latitude:	55.82602
Longitude:	-3.76714

## Current status of this water body

We have classified this water body as having an overall status of Poor with Low confidence in 2008 with overall ecological status of Poor and overall chemical status of Pass.

This overall classification of status is made up of many different tiers of classification data. A complete set of classification data for 2008 is shown at the end of this document.

## Targets for the future status of this water body

We have set environmental objectives for this water body over future river basin planning cycles in order that sustainable improvements to its status can be made over time, or alternatively that no deterioration in status occurs, unless caused by a new activity providing significant specified benefits to society or the wider environment.

For this water body we have set the overall environmental objectives for the first, second and third River Basin Management Planning (RBMP) cycles as:

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Year	2008	2015	2021	2027
Status	Poor	Poor	Moderate	Good

We have established an ongoing programme of monitoring in order to identify pressures on our water bodies. The pressures listed below contribute to this water body's failure to meet good ecological status. River basin planning allows us to plan improvements for particular parameters over time. We have collaborated with others to identify measures which will act to protect or improve our water environment in order that all water bodies reach good status over successive RBMP cycles.

## Pressures and measures on this water body

The pressures listed below contribute to this water body's failure to meet good ecological status or potential. River basin planning allows us to plan improvements for particular parameters over time. We have collaborated with others to identify measures which will act to protect or improve our water environment in order that all water bodies reach good status over successive RBMP cycles.

The following table shows our collated information on the pressures on this water body, their causes and the measures which could be introduced to mitigate their effects. We have also indicated the current funding status of the measure; with projected measures being potentially funded and agreed measures having funding in place. Finally, we have included information on the potential or actual owner of the measure, the date it will be effective and information on the justification for extending the deadlines or for setting an alternative objective, where appropriate.

Pressure	As a Result of	Assessment Parameter	Objective	Reasons for Failure
	Measure	Funding	Owner	Effective date
Diffuse Source Pollution	Mining and quarrying of coal	UK Specific pollutants (Annex 8)	Failing to Achieve Good by 2015	Implementation of the measure by an earlier deadline would impose disproportionate burdens
	Reduce Diffuse Source Inputs	Neither Agreed nor Projected	Coal Authority	31/03/2025
Point Source Pollution	Sewage disposal	Ammonia	Good by 2015	
	Increase treatment	Agreed	Scottish Water	31/03/2014
Point Source Pollution	Sewage disposal	Ammonia	Good by 2015	
	Change timing or frequency of discharge	Agreed	Scottish Water	31/03/2014

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Pressure	As a Result of	Assessment Parameter	Objective	Reasons for Failure
	Measure	Funding	Owner	Effective date
Morphological Alterations	Impounding - weir / dam	Fish passage	Poor by 2015	Implementation of the measure by an earlier deadline would impose disproportionate burdens
	Removal of barriers or provision of mechanisms to enable fish migration	Projected	Landowner(s)	31/12/2014
Point Source Pollution	Sewage disposal	Unknown Organics	Moderate by 2015	Implementation of the measure by an earlier deadline would impose disproportionate burdens
	Increase treatment	Agreed	Scottish Water	31/03/2014
Point Source Pollution	Sewage disposal	Phosphorus	Good by 2015	
	Increase treatment	Projected	Scottish Water	31/03/2019

### Future work

Additional work to identify pressures and to develop and implement measures to mitigate their impacts will continue over subsequent river basin cycles.

### Complete classification for this water body in 2008

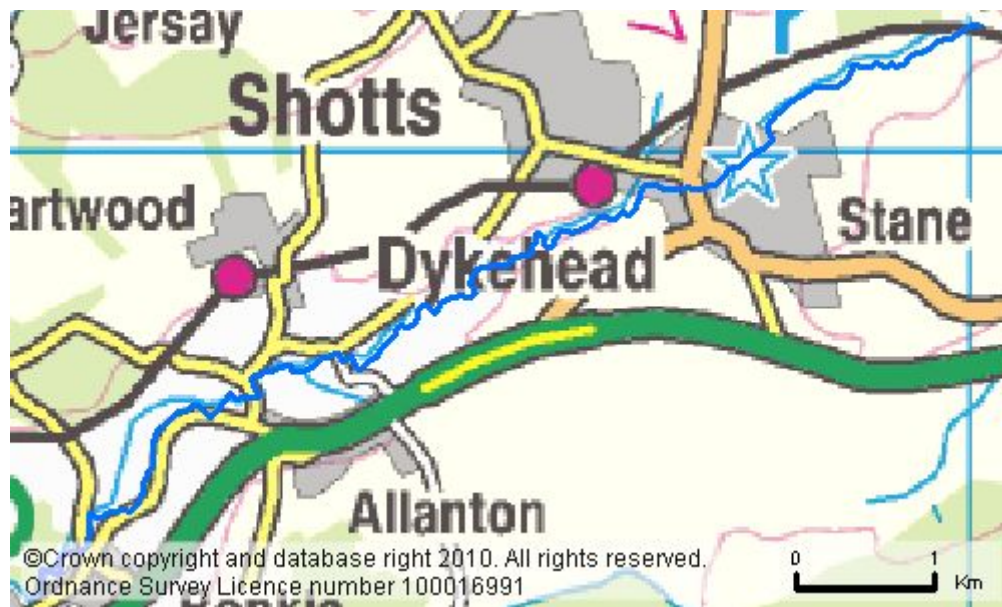
Parameter	Status	Confidence of Class
OVERALL STATUS	POOR	LOW
Pre-HMWB status	Poor	Low
Overall chemistry	Pass	Low
Priority substances	Pass	Low
Overall ecology	Poor	Low
Physico-Chem	High	High
Temperature	High	High
Soluble reactive phosphorus	High	High
pH	High	High
Dissolved Oxygen	High	High

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<b>Parameter</b>	<b>Status</b>	<b>Confidence of Class</b>
Biological elements	Poor	Low
Phytobenthos	Good	Medium
Macrophytes	High	Low
Benthic invertebrates	Moderate	High
Macro-invertebrates (acid)	High	Low
Macro-invertebrates (RiCT)	Moderate	High
Macro-invertebrates (ASPT)	Moderate	High
Macro-invertebrates (NTAXA)	Moderate	High
Alien species	High	Low
Fish	Poor	Low
Fish ecology	High	Low
Fish barrier	Poor	Low
Specific pollutants	Pass	High
Iron	Pass	High
Ammonium	Pass	High
Hydromorphology	Good	Medium
Morphology	Good	Medium
Hydrology	High	Medium
Hydrology (impoundment)	High	Medium
Hydrology (abstraction)	High	Medium
Regulatory ammonium	Good	High
Water quality	Moderate	
Morphological pressures	Poor	

## Location of this water body

You can find the geographical location of this water body by searching on water body ID in the interactive maps at [www.sepa.org.uk/water/river\\_basin\\_planning.aspx](http://www.sepa.org.uk/water/river_basin_planning.aspx)



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