



# Appendix 11E

## Relevant Water Body Sheets from the Scotland RBMP



# Water body information sheet for water body 20750 in West Highland

## General details

Water body name:	Abhainn Lacasdal
Water body Identifier code:	20750
Length:	10.73 km
Water body category:	River
River basin district:	Scotland
Area advisory group:	West Highland
Catchment:	Lewis and Harris Coastal
Associated protected areas:	Lewis Peatlands - SPECIAL PROTECTION AREA
Associated groundwater:	Lewis and Harris
Responsible body:	SEPA Hebrides & C. H/land
Heavily modified:	No
Artificial:	No
Typology:	Lowland Small Organic
National Grid Reference:	NB 38948 35921
Latitude:	58.23434
Longitude:	-6.44908

## Current status of this water body

Classification results are updated annually, as part of SEPA's commitment to monitor and assess the condition of the environment.

Once the classification is agreed, as part of river basin management planning, the pressures and measures for every water body are reviewed to ensure that they reflect this improved understanding of the environment. Objectives are reviewed as part of the six yearly planning cycle and any proposed changes to objectives will be presented in the draft river basin plans [http://sepa.org.uk/water/river\\_basin\\_planning.aspx](http://sepa.org.uk/water/river_basin_planning.aspx).

This worksheet was produced using the most up to date classification results but the measures, pressures and objectives shown may not yet align to these classification results. Please contact [rbmp@sepa.org.uk](mailto:rbmp@sepa.org.uk) if you require further information on this water body.

We have classified this water body as having an overall status of Good with High confidence in 2012 with overall ecological status of Good and overall chemical status of Pass.

The overall classification of status is made up of many different tiers of classification data. A complete set of classification data for 2012 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:

Year	2012	2015	2021	2027
Status	Good	High	High	High
Year	2012	2015	2021	2027
Status	Good	Pass	Pass	Pass

## Pressures and measures on this water body

We have established an ongoing programme of monitoring in order to identify pressures on our water bodies.

# Water body information sheet for water body 20750 in West Highland

There are currently no pressures identified on this water body; we must ensure that no deterioration from good status occurs, unless caused by a new activity providing significant specified benefits to society or the wider environment

## 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 2012

Parameter	Status	Confidence of Class
OVERALL STATUS	GOOD	HIGH
Pre-HMWB status	Good	High
Overall chemistry	Pass	Low
Priority substances	Pass	Low
Overall ecology	Good	High
Physico-Chem	Good	High
Temperature	High	Low
Soluble reactive phosphorus	High	Low
pH	High	Low
Dissolved Oxygen	High	Low
Biological elements	High	High
Phytobenthos	High	Low
Macrophytes	High	Low
Benthic invertebrates	High	High
Macro-invertebrates (acid)	High	Low
Macro-invertebrates (RiCT)	High	High
Macro-invertebrates (ASPT)	High	High
Macro-invertebrates (NTAXA)	High	High
Alien species	High	Low
Fish	High	Medium

# Water body information sheet for water body 20750 in West Highland

Parameter	Status	Confidence of Class
Fish ecology	High	Low
Fish barrier	High	Medium
Specific pollutants	Pass	Low
Hydromorphology	High	Medium
Morphology	High	Medium
Hydrology	High	Medium
Hydrology (impoundment)	High	Medium
Hydrology (abstraction)	High	Medium
Regulatory BOD	High	High
Regulatory ammonium	High	High
Water quality	Good	High
Morphological pressures	High	Medium

## 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)



Water body information sheet for water  
body 20750 in West Highland

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# Water body information sheet for water body 20753 in West Highland

## General details

Water body name:	Abhainn Ghrioda
Water body Identifier code:	20753
Length:	18.64 km
Water body category:	River
River basin district:	Scotland
Area advisory group:	West Highland
Catchment:	Lewis and Harris Coastal
Associated protected areas:	Lewis Peatlands - SPECIAL PROTECTION AREA Stornoway Harbour public access and water contact activities (jet skiing, canoeing) - RECREATIONAL WATER Lewis Peatlands - SPECIAL AREA OF CONSERVATION
Associated groundwater:	Lewis and Harris
Responsible body:	SEPA Hebrides & C. H/land
Heavily modified:	No
Artificial:	No
Typology:	Lowland Small Organic
National Grid Reference:	NB 34870 32602
Latitude:	58.20219
Longitude:	-6.51453

## Current status of this water body

Classification results are updated annually, as part of SEPA's commitment to monitor and assess the condition of the environment.

Once the classification is agreed, as part of river basin management planning, the pressures and measures for every water body are reviewed to ensure that they reflect this improved understanding of the environment. Objectives are reviewed as part of the six yearly planning cycle and any proposed changes to objectives will be presented in the draft river basin plans [http://sepa.org.uk/water/river\\_basin\\_planning.aspx](http://sepa.org.uk/water/river_basin_planning.aspx).

This worksheet was produced using the most up to date classification results but the measures, pressures and objectives shown may not yet align to these classification results. Please contact [rbmp@sepa.org.uk](mailto:rbmp@sepa.org.uk) if you require further information on this water body.

We have classified this water body as having an overall status of High with Medium confidence in 2012 with overall ecological status of High and overall chemical status of Pass.

The overall classification of status is made up of many different tiers of classification data. A complete set of classification data for 2012 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:

Year	2012	2015	2021	2027
Status	High	High	High	High
Year	2012	2015	2021	2027
Status	High	Pass	Pass	Pass

## Pressures and measures on this water body

We have established an ongoing programme of monitoring in order to identify pressures on our water bodies.

# Water body information sheet for water body 20753 in West Highland

There are currently no pressures identified on this water body; we must ensure that no deterioration from good status occurs, unless caused by a new activity providing significant specified benefits to society or the wider environment

## 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 2012

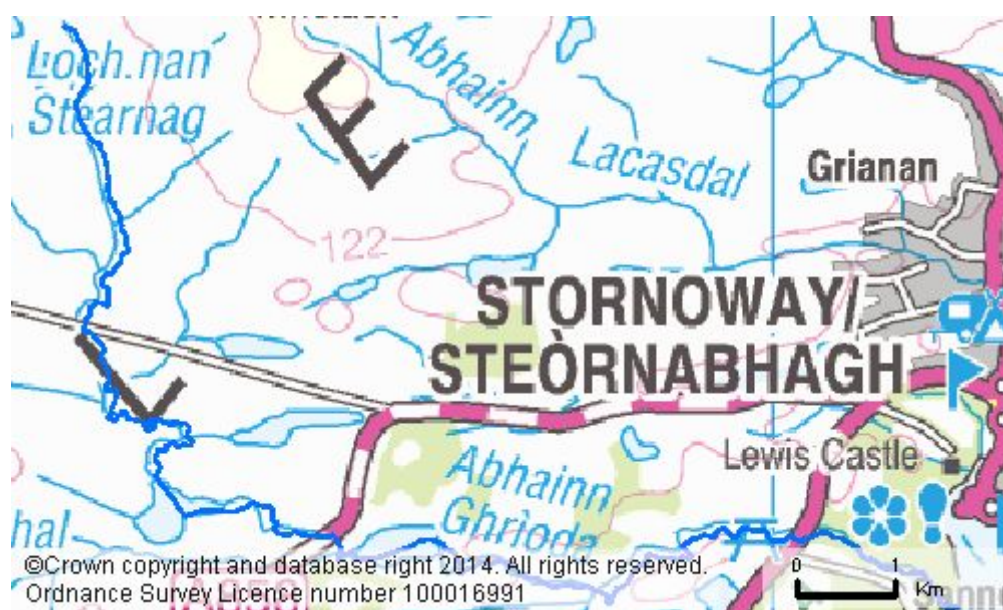
Parameter	Status	Confidence of Class
OVERALL STATUS	HIGH	MEDIUM
Pre-HMWB status	High	Medium
Overall chemistry	Pass	Low
Priority substances	Pass	Low
Overall ecology	High	Medium
Physico-Chem	High	Low
Temperature	High	Low
Soluble reactive phosphorus	High	Low
pH	High	Low
Dissolved Oxygen	High	Low
Biological elements	High	Medium
Phytobenthos	High	Low
Macrophytes	High	Low
Benthic invertebrates	High	Low
Macro-invertebrates (acid)	High	Low
Macro-invertebrates (RiCT)	High	Low
Macro-invertebrates (ASPT)	High	Low
Macro-invertebrates (NTAXA)	High	Low
Alien species	High	Low
Fish	High	Medium

# Water body information sheet for water body 20753 in West Highland

Parameter	Status	Confidence of Class
Fish ecology	High	Low
Fish barrier	High	Medium
Specific pollutants	Pass	Low
Hydromorphology	High	Medium
Morphology	High	Medium
Hydrology	High	Medium
Hydrology (impoundment)	High	Medium
Hydrology (abstraction)	High	Medium
Regulatory BOD	High	Low
Regulatory ammonium	High	Low
Water quality	High	Low
Morphological pressures	High	Medium

## 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)



Water body information sheet for water  
body 20753 in West Highland

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# Water body information sheet for water body 20754 in West Highland

## General details

Water body name:	Allt na Craoibhe
Water body Identifier code:	20754
Length:	9.49 km
Water body category:	River
River basin district:	Scotland
Area advisory group:	West Highland
Catchment:	Lewis and Harris Coastal
Associated protected areas:	Lewis Peatlands - SPECIAL PROTECTION AREA
Associated groundwater:	Lewis and Harris
Responsible body:	SEPA Hebrides & C. H/land
Heavily modified:	No
Artificial:	No
Typology:	Lowland Small Organic
National Grid Reference:	NB 38691 29010
Latitude:	58.1723
Longitude:	-6.44569

## Current status of this water body

Classification results are updated annually, as part of SEPA's commitment to monitor and assess the condition of the environment.

Once the classification is agreed, as part of river basin management planning, the pressures and measures for every water body are reviewed to ensure that they reflect this improved understanding of the environment. Objectives are reviewed as part of the six yearly planning cycle and any proposed changes to objectives will be presented in the draft river basin plans [http://sepa.org.uk/water/river\\_basin\\_planning.aspx](http://sepa.org.uk/water/river_basin_planning.aspx).

This worksheet was produced using the most up to date classification results but the measures, pressures and objectives shown may not yet align to these classification results. Please contact [rbmp@sepa.org.uk](mailto:rbmp@sepa.org.uk) if you require further information on this water body.

We have classified this water body as having an overall status of Good with High confidence in 2012 with overall ecological status of Good and overall chemical status of Pass.

The overall classification of status is made up of many different tiers of classification data. A complete set of classification data for 2012 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:

Year	2012	2015	2021	2027
Status	Good	High	High	High
Year	2012	2015	2021	2027
Status	Good	Pass	Pass	Pass

## Pressures and measures on this water body

We have established an ongoing programme of monitoring in order to identify pressures on our water bodies.



# Water body information sheet for water body 20754 in West Highland

There are currently no pressures identified on this water body; we must ensure that no deterioration from good status occurs, unless caused by a new activity providing significant specified benefits to society or the wider environment

## Future work

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

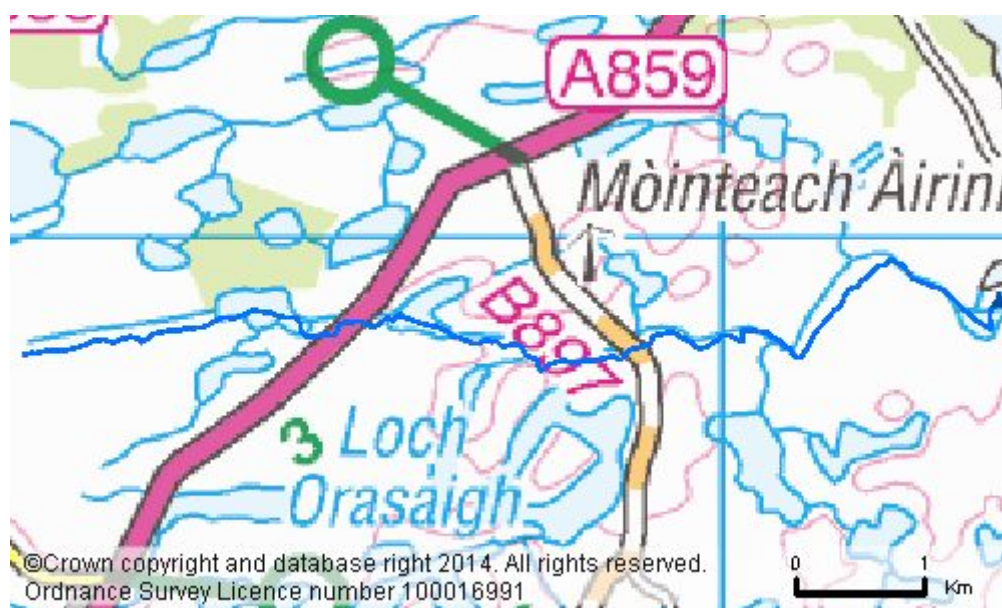
## Complete classification for this water body in 2012

Parameter	Status	Confidence of Class
OVERALL STATUS	GOOD	HIGH
Pre-HMWB status	Good	High
Overall chemistry	Pass	Low
Priority substances	Pass	Low
Overall ecology	Good	High
Physico-Chem	Good	High
Temperature	High	Low
Soluble reactive phosphorus	High	Low
pH	High	Low
Dissolved Oxygen	High	Low
Biological elements	High	High
Phytobenthos	High	Low
Macrophytes	High	Low
Benthic invertebrates	High	High
Macro-invertebrates (acid)	High	Low
Macro-invertebrates (RiCT)	High	High
Macro-invertebrates (ASPT)	High	High
Macro-invertebrates (NTAXA)	High	High
Alien species	High	Low
Fish	High	Medium

Parameter	Status	Confidence of Class
Fish ecology	High	Low
Fish barrier	High	Medium
Specific pollutants	Pass	High
Ammonium	Pass	Low
Hydromorphology	High	Medium
Morphology	High	Medium
Hydrology	High	Medium
Hydrology (impoundment)	High	Medium
Hydrology (abstraction)	High	Medium
Regulatory BOD	High	High
Regulatory ammonium	High	High
Water quality	Good	High
Morphological pressures	High	Medium

## 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)



Water body information sheet for water  
body 20754 in West Highland

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# Water body information sheet for water body 100054 in West Highland

## General details

Water body name: Loch Orasaigh  
Water body Identifier code: 100054  
Area: .64 km<sup>2</sup>  
Water body category: Lake  
River basin district: Scotland  
Area advisory group: West Highland  
Catchment: Lewis and Harris Coastal  
Associated protected areas: Loch Orasaigh - DRINKING WATER PROTECTION ZONE  
Loch Orasay - SSSI  
Associated groundwater: Lewis and Harris  
Responsible body: SEPA  
Hebrides & C. H/land  
Heavily modified: Yes  
Artificial: No  
Typology: Lowland  
Large  
Medium alkalinity  
Deep  
National Grid Reference: NB 39100 27971  
Latitude: 58.16324  
Longitude: -6.43759

## Current status of this water body

Classification results are updated annually, as part of SEPA's commitment to monitor and assess the condition of the environment.

Once the classification is agreed, as part of river basin management planning, the pressures and measures for every water body are reviewed to ensure that they reflect this improved understanding of the environment. Objectives are reviewed as part of the six yearly planning cycle and any proposed changes to objectives will be presented in the draft river basin plans [http://sepa.org.uk/water/river\\_basin\\_planning.aspx](http://sepa.org.uk/water/river_basin_planning.aspx).

This worksheet was produced using the most up to date classification results but the measures, pressures and objectives shown may not yet align to these classification results. Please contact [rbmp@sepa.org.uk](mailto:rbmp@sepa.org.uk) if you require further information on this water body.

We have classified this water body as having an overall status of Good ecological potential with Medium confidence in 2012 with overall ecological status of Bad and overall chemical status of Pass.

It is important to note that the five classification ecological potential classes for Heavily Modified Water Bodies (HMWBs) and Artificial Water Bodies (AWBs) combine the level of mitigation measures for water levels and flow and physical habitat with measurements of the biological and chemical water quality. For example, a HMWB could have all the mitigation measures in place to allow it to reach good ecological potential e.g. a fish pass installed on a dam required for hydropower generation, but if water quality is poor due to elevated phosphorus levels, its overall ecological potential assessment could be moderate, poor or bad depending on the severity of the impact.

The overall classification of status is made up of many different tiers of classification data. A complete set of classification data for 2012 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:

# Water body information sheet for water body 100054 in West Highland

Year	2012	?	?	?
Status	Good ecological potential	?	?	?
Year	2012	2015	2021	2027
Status	Good ecological potential	Pass	Pass	Pass

## Pressures and measures on this water body

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 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
Flow Regulation	Water collection, purification and distribution	Change in the outflow from the lake	Good by 2015	
	Provide appropriate baseline flow regime downstream of impoundment	Agreed	Scottish Water	31/12/2007
Abstraction	Water collection, purification and distribution	Change in the outflow from the lake	Good by 2015	
	Control pattern/timing of abstraction (Hands off flow/ utilisation of storage (new/existing))	Agreed	Scottish Water	31/03/2010

Footnote – These results show current classification but the measures, pressures and objectives shown may not yet align to these classification results. Please contact [rbmp@sepa.org.uk](mailto:rbmp@sepa.org.uk) if you require further information on this water body.

## 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 2012

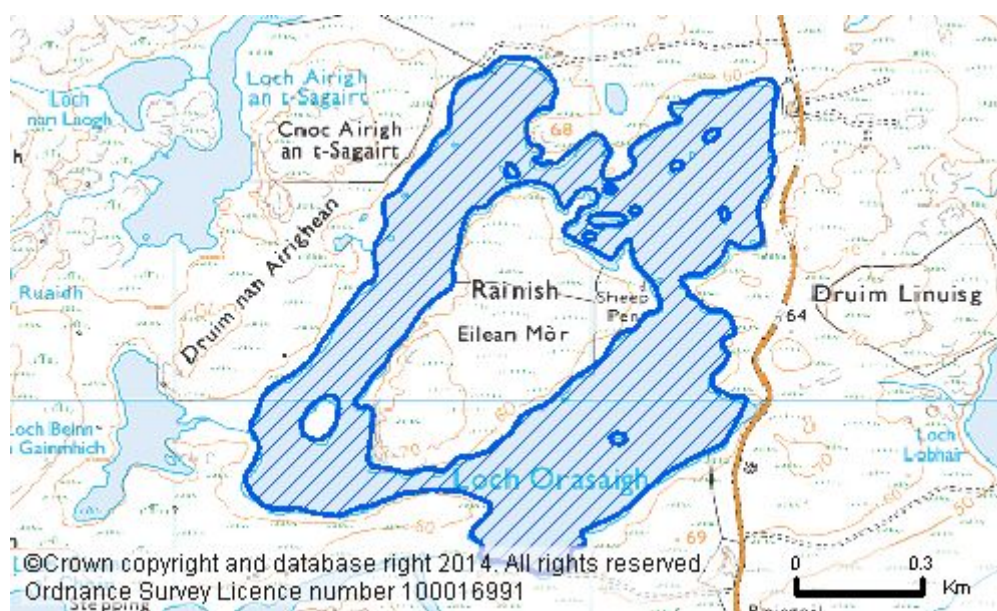
Parameter	Status	Confidence of Class
OVERALL STATUS	GOOD ECOLOGICAL POTENTIAL	MEDIUM
Pre-HMWB status	Bad	Medium
Overall chemistry	Pass	Low
Priority substances	Pass	Low
Lead	Pass	Low
Overall ecology	Bad	Medium
Physico-Chem	Good	High
Dissolved Oxygen	High	Low
Total Phosphorus	Good	High
Salinity	High	High
Acid Neutralising Capacity	High	High
Biological elements	High	High
Phytobenthos	High	Low
Macrophytes	High	Low
Benthic invertebrates	High	High
Macro-invertebrates (acid)	High	Low
Macro-invertebrates (CPET)	High	High
Alien species	High	Low



Parameter	Status	Confidence of Class
Fish barrier	High	Medium
Phytoplankton	High	High
Chlorophyll a	High	High
Cyanobacteria	High	Low
Specific pollutants	Pass	Low
Iron	Pass	Low
Ammonium	Pass	Low
Hydromorphology	Bad	Medium
Morphology	Good	Medium
Hydrology	Bad	Medium
Regulatory ammonium	High	High
Water quality	Good	High
Morphological pressures	Good	Medium

## 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)



Water body information sheet for water  
body 100054 in West Highland

SEPA Contact Details: [rbmp@sepa.org.uk](mailto:rbmp@sepa.org.uk)  
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## General details

Water body name:

Water body Identifier code:

Area:

Water body category:

River basin district:

Area advisory group:

Associated protected areas: Lewis and Harris - DRINKING WATER PROTECTION ZONE

Responsible body:

Heavily modified:

Artificial:

Typology:

National Grid Reference:

Latitude:

Longitude:

## Current status of this water body

Classification results are updated annually, as part of SEPA's commitment to monitor and assess the condition of the environment.

Once the classification is agreed, as part of river basin management planning, the pressures and measures for every water body are reviewed to ensure that they reflect this improved understanding of the environment. Objectives are reviewed as part of the six yearly planning cycle and any proposed changes to objectives will be presented in the draft river basin plans [http://sepa.org.uk/water/river\\_basin\\_planning.aspx](http://sepa.org.uk/water/river_basin_planning.aspx).

This worksheet was produced using the most up to date classification results but the measures, pressures and objectives shown may not yet align to these classification results. Please contact [rbmp@sepa.org.uk](mailto:rbmp@sepa.org.uk) if you require further information on this water body.

We have classified this water body as having an overall status of with overall ecological status of and overall chemical status of N/A.

The overall classification of status is made up of many different tiers of classification data. A complete set of classification data for 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:

## Pressures and measures on this water body

We have established an ongoing programme of monitoring in order to identify pressures on our water bodies.

There are currently no pressures identified on this water body; we must ensure that no deterioration from good status occurs, unless caused by a new activity providing significant specified benefits to society or the wider environment

## 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

Parameter	Status	Confidence of Class
Overall status	Good	Medium
Quantitative	Good	Medium
Saline intrusion	Good	Medium
River impacts	Good	Medium
Water balance	Good	Medium
Groundwater chemistry	Good	Medium

Parameter	Status	Confidence of Class
Saline intrusion	Good	Medium
River interactions	Good	Medium
Diffuse impacts	Good	Medium
Point source impacts	Good	Medium
DWPA test	Good	Medium
General chemical test	Good	Medium
General chemical test (other)	Good	Medium
General chemical test (mining)	Good	Medium
Prevent and limit	Pass	Medium

## 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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