

General details

Water body name: North Berwick to Barns Ness
Water body Identifier code: 200467
Area: 134.50 km²
Water body category: Coastal
River basin district: Scotland
Area advisory group: Forth
Associated protected areas: Firth of Forth - SPECIAL PROTECTION AREA
Dunbar (Belhaven) - EC BATHING WATER
Barns Ness Coast - SSSI
Lothian / Borders - NITRATE VULNERABLE ZONE
Bass Rock - SSSI
Firth of Forth - SSSI
Forth Islands - SPECIAL PROTECTION AREA
Whitesands - EC BATHING WATER
Dunbar (East) - EC BATHING WATER
Seacliff - EC BATHING WATER
Responsible body: SEPA
Edinburgh & Lothians
Heavily modified: No
Artificial: No
Typology: CW5
National Grid Reference: NT 64988 85038
Latitude: 56.0569
Longitude: -2.56378

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.

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 if you require further information on this water body.

We have classified this water body as having an overall status of Good with Medium 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	Good	Good	Good
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.

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.

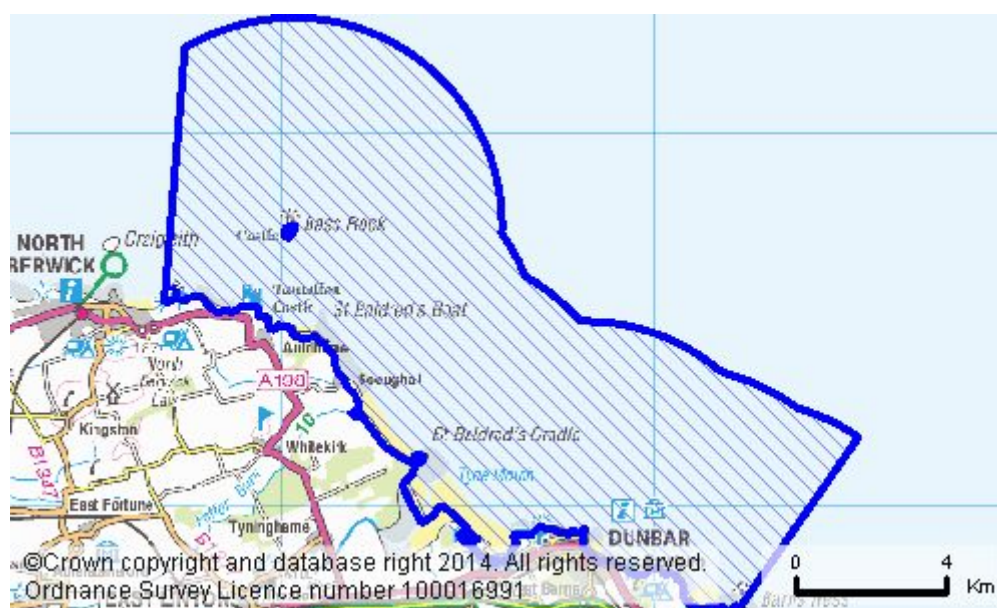
Complete classification for this water body in 2012

Parameter	Status	Confidence of Class
OVERALL STATUS	GOOD	MEDIUM
Pre-HMWB status	Good	Medium
Overall chemistry	Pass	Low
Priority substances	Pass	Low
Overall ecology	Good	Medium
Physico-Chem	High	High
Dissolved Oxygen	High	High
Dissolved inorganic nitrogen	High	High
DIN (field salinity)	High	High
DIN (laboratory salinity)	High	High
Biological elements	Good	Medium
Benthic invertebrates	Good	Medium
Imposex assessment	Good	Medium
Benthic invertebrates (IQI)	High	Low
Alien species	High	Low
Phytoplankton	High	Low
Macroalgae	High	Low
Macroalgae (FSL)	High	Low
Macroalgae (RSL)	High	Low
Specific pollutants	Pass	High

Parameter	Status	Confidence of Class
Unionised ammonia	Pass	High
Hydromorphology	High	Medium
Morphology	High	Medium
Water quality	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



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