

RIVER BASIN MONITORING PLAN

WATER FRAMEWORK DIRECTIVE CLASSIFICATION SUMMARY

Coastal Waterbody - Carlingford Lough

31ST MAY 2011



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CARLINGFORD LOUGH

Water body Information

- River Basin District: NBIRBD
- Water body type: CW8
- Water body code : UKGBNIE6NB030
- Water body characteristics: Euhaline, mesotidal, sheltered
- Water body area: 48.66 km²
- Heavily Modified Water Body: No

OVERALL WATERBODY CLASSIFICATION		(H/G/M/P/B):	STATUS	PASS/FAIL
First Round of Classification -	December 2009	Moderate		Fail
Annual Review of Classification -	May 2011	Moderate		Fail
Local Management Area Objectives				
Date		Objective Status		
2015 Objective		Moderate		
2021 Objective		Good		
2027 Objective		Good		

COMMENTS ON CLASSIFICATION (To include reasons for any changes in overall status)

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LINKAGES TO SUPPORTING DOCUMENTATION (Hyperlinks to documents published by NIEA providing additional information on classification and water quality status)

Carlingford and Newry Local Management Area Information Leaflet

http://www.doeni.gov.uk/niea/carlingfordnewry_lma.pdf

Carlingford Lough Classification Pamphlet

http://www.doeni.gov.uk/niea/carlingfordlough_classification.pdf

The Water Framework Directive River Basin Management Plans and Programmes of Measures – Neagh Bann IRBD

http://www.doeni.gov.uk/niea/habitats_directive_article6_nbirbd.pdf

PARAMETERS TABLE

Parameters for which classification systems are available and have been used in this classification update. Some biological assessment tools are not suitable for all water bodies due to habitat type. Changes in quality element status are recorded where comparisons can be made between the 2009 first round formal classification and the relevant annual update.

PARAMETERS AND DATA RANGE					
Main Element	Sub-Element	Tool Applied ✓ or ☒	Comment	Data Range (Data by year)	Improvement or Decline
Biological Quality Elements					= No change ▲ Improvement ▼ Decline
Phytoplankton	Biomass	✓		2005-2010	=
Macroalgae (Seaweed)	Opportunistic Macroalgae	☒			=
	Reduced Species List	✓		2007-2008	=
Angiosperms	Seagrass	✓	Good – No data in 2009	2009	▲
	Saltmarsh	☒			
Benthic Invertebrates	Infaunal Quality Index	✓		2005-2010	=
	Imposex	✓		2010	=
Physico-chemical	-Dissolved Oxygen	✓		2007-2011	=
	-Nutrients	✓		2003-2010	=
	Specific Pollutants (Annex VIII substances)	✓	2009 Class 6H(L)	2008-2010	▼
Hydromorphological Quality Elements					
	SEPA Rapid Designation	✓			=
	TraC MIMAS	✓			=
Chemical Status					
Priority Hazardous Substances	Annex substances	X	✓	2008-2009	=

Waterbody Classification for all Biological Quality Elements, Chemical Status and Overarching Classification.

