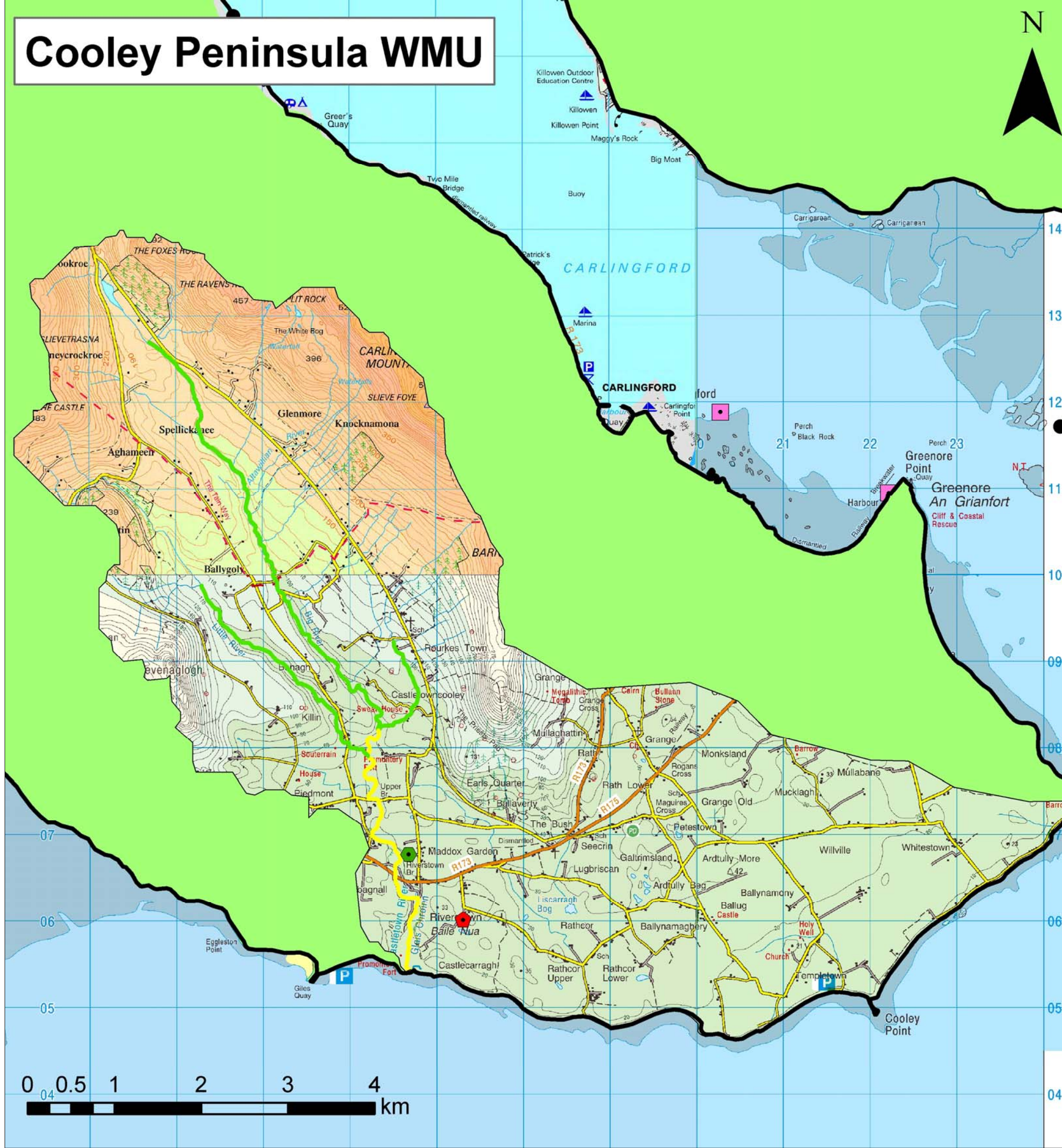


Cooley Peninsula WMU

Cooley Peninsula Water Management Unit Action Plan



Legend

- Towns and Villages
- Wastewater Treatment Plants
- EPA Licensed Facility (IPPC)
- Local Authority Licensed Discharge
- Water Treatment Plants
- NI Boundary

River Status

- High (Blue line)
- Good (Green line)
- Moderate (Yellow line)
- Poor (Orange line)
- Bad (Red line)

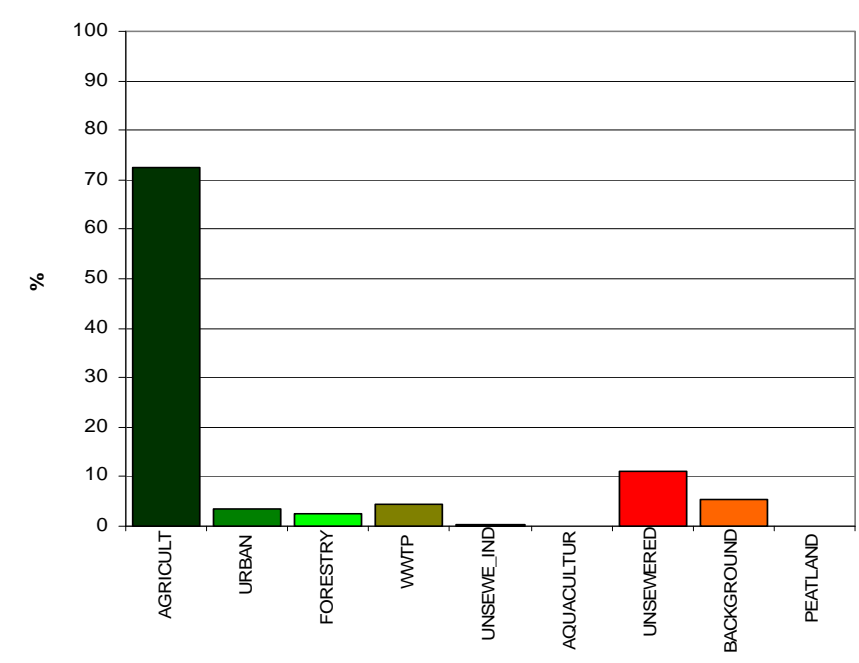
Lake Status

- High (Blue square)
- Good (Green square)
- Moderate (Yellow square)
- Poor (Orange square)
- Bad (Red square)



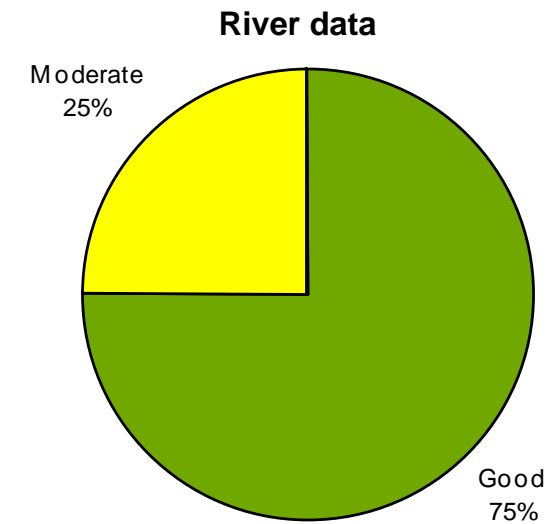
Name	Cooley Peninsula Water Management Unit
Area	47.5 km ²
River Basin District	Neagh Bann IRBD
Main Counties	Louth
Protected Areas	3 SAC (Carlingford Mtn., Carlingford Shore and Dundalk Bay), 1 Bathing water (Shelling Hill/Templetown)

Sectoral Total Phosphorus Source
(This does not imply impact)



Cooley Peninsula Water Management Unit Action Plan

STATUS/IMPACTS	
Overall status	Mainly good status with one waterbody at moderate status. (4 waterbodies in WMU). No lakes within WMU.
Status elements	Q score dictates status, whilst physical chemical monitoring is generally high, Q values reduce status to moderate in the downstream reaches of the Big River
Possible Impacts - EPA Water Quality 2004	No monitoring data from EPA interim status for rivers within this WMU.



There are no Lakes within the WMU

PRESSURES/RISKS	
Nutrient sources	Over 90% of the nutrient load originates from diffuse sources with agriculture estimated to contribute over 70% of the load.
Point pressures	No WWTP 1 Local Authority licenced (Section 4) discharge – Inn/Hotel in County Louth 1 IPPC – Distillery which is discharging to surface water.
Wastewater Treatment Plants (WWTP) and Industrial Discharges	No water bodies at risk from WWTP or industrial discharges
Quarries, Mines & Landfills	No waterbodies at risk. 3 Quarries present in WMU.
Agriculture	No water bodies at risk from agriculture
On-site systems	There are 860 septic tanks in this WMU, none have been assessed as a risk to water quality. No water bodies at risk from septic tanks
Forestry	No water bodies at risk from forestry
Dangerous substances	No water bodies at risk from dangerous substances
Morphology	No water bodies at risk morphology
Abstractions	No water bodies at risk from abstractions
Other	N/A

SELECTED ACTION PROGRAMME	
<i>NB All relevant basic measures, general supplementary measures and SEA mitigation measures apply</i>	
Point Sources	Investigation of sewage and trade discharges and licence review where appropriate will be carried out. Examine the terms of discharge authorisations to determine whether they require review for the purpose of compliance with water body objectives including protected area objectives and environmental quality standards.
Diffuse Sources	Whilst the WMU is predominantly at good status and the risk assessments have indicated that there is limited risk in the WMU, the downstream reaches of the Big River (NB_06_818) are at moderate status and it is likely that pressures from agriculture and septic tanks are the cause. Measures such as the Good Agricultural Practice Regulations and Planning and Development Regulations will be key to addressing the issues associated with the diffuse pressures. Septic tanks - There are no at risk septic tanks to be prioritised for inspections.
Other	No additional supplementary measures proposed as existing basic measures will be adequate.
Future Developments	Throughout the river basin management cycle future pressures and developments will need to be managed to ensure compliance with the objectives of the Water Framework Directive and the Programme of Measures will need to be developed to ensure issues associated with these new pressures are addressed.

OBJECTIVES	
Good status 2015	Three river water bodies are currently at satisfactory quality and must be retained at good status. The river water body at moderate status must achieve good status by 2015.
Alternative Objectives	Heavily Modified /Artificial Water bodies – none Extended Timescales - none

Cooley Peninsula Water Management Unit Action Plan

River Data

IE_NB_CooleyPeninsula																	
			Biological Elements				Supporting Elements					Protected Areas					
Member State Code	Monitored Y (Extrapolated N)	Donor Waterbody	Macroinvertebrates (Q)	FreshWater Pearl Mussel	Fish	Phytobenthos (Diatoms)	Morphology	Specific Pollutants	Physio-chemical	Ecological Status	Chemical Status	Special Area of Conservation	Special Protection Area	Nutrient Sensitive Waters	Drinking Water	Objective	Date objective to be achieved
NB_06_642	Y		G			H			H	G		Y				GES	2009
NB_06_697	N	NB_06_642								G		Y				GES	2009
NB_06_800	N	NB_06_642								G		Y				GES	2009
NB_06_818	Y		M						H	M						GES	2015