

WFD Cycle 2

Catchment Lee, Cork Harbour and Youghal Bay

Subcatchment Sullane_SC_020

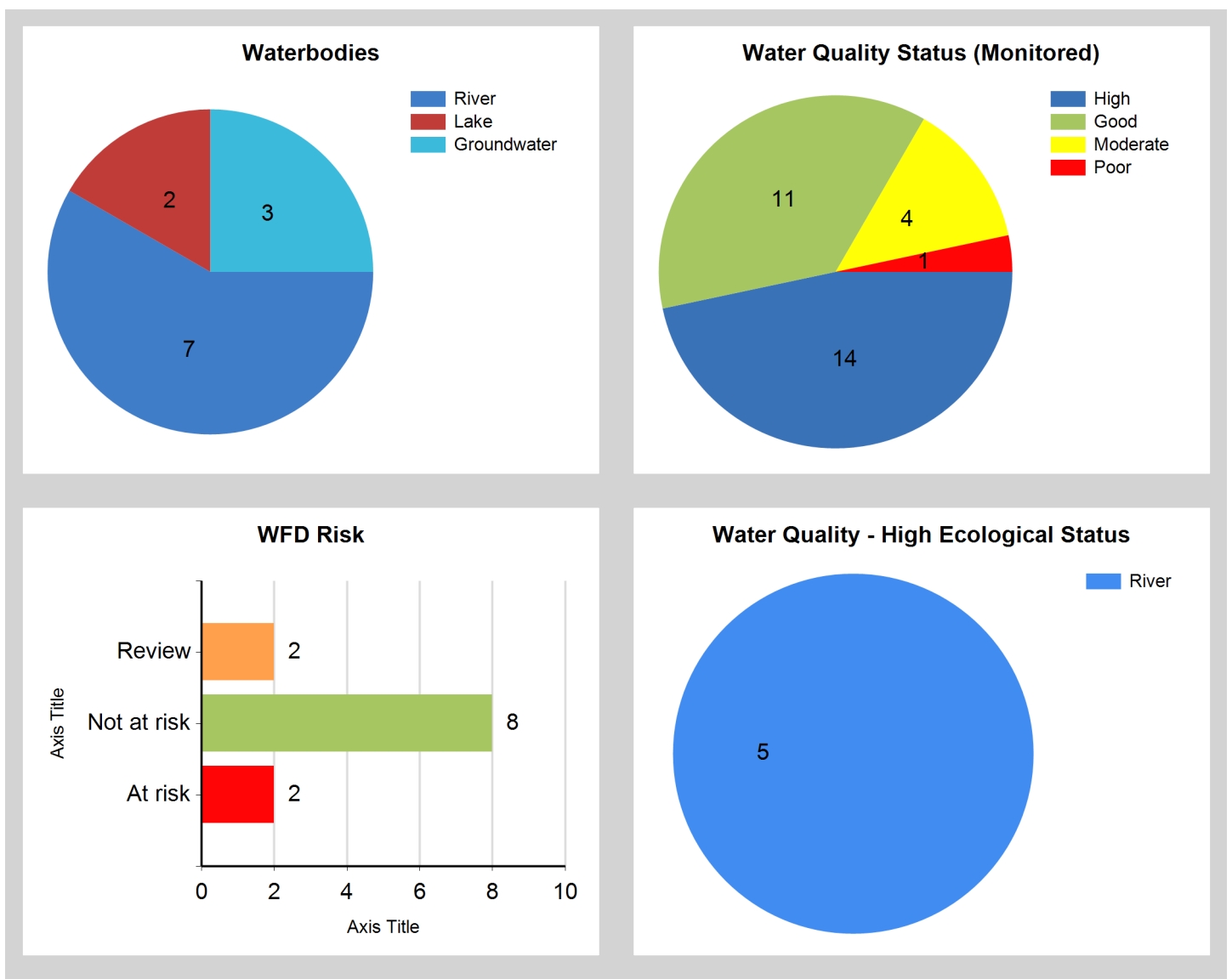
Code 19_7



Assessment Purpose

This assessment has been produced as part of the national characterisation programme undertaken for the second cycle of Water Framework Directive river basin management planning. It has been led by the EPA, with input from Local Authorities and other public bodies, and with support from RPS consultants.

The characterisation assessments are automatically generated from the information stored in the WFD Application. They are based on information available to the end of 2015 but may be subject to change until the final 2018-21 river basin management plan is published. Users should ensure that they have the most up to date information by downloading the latest assessment before use.

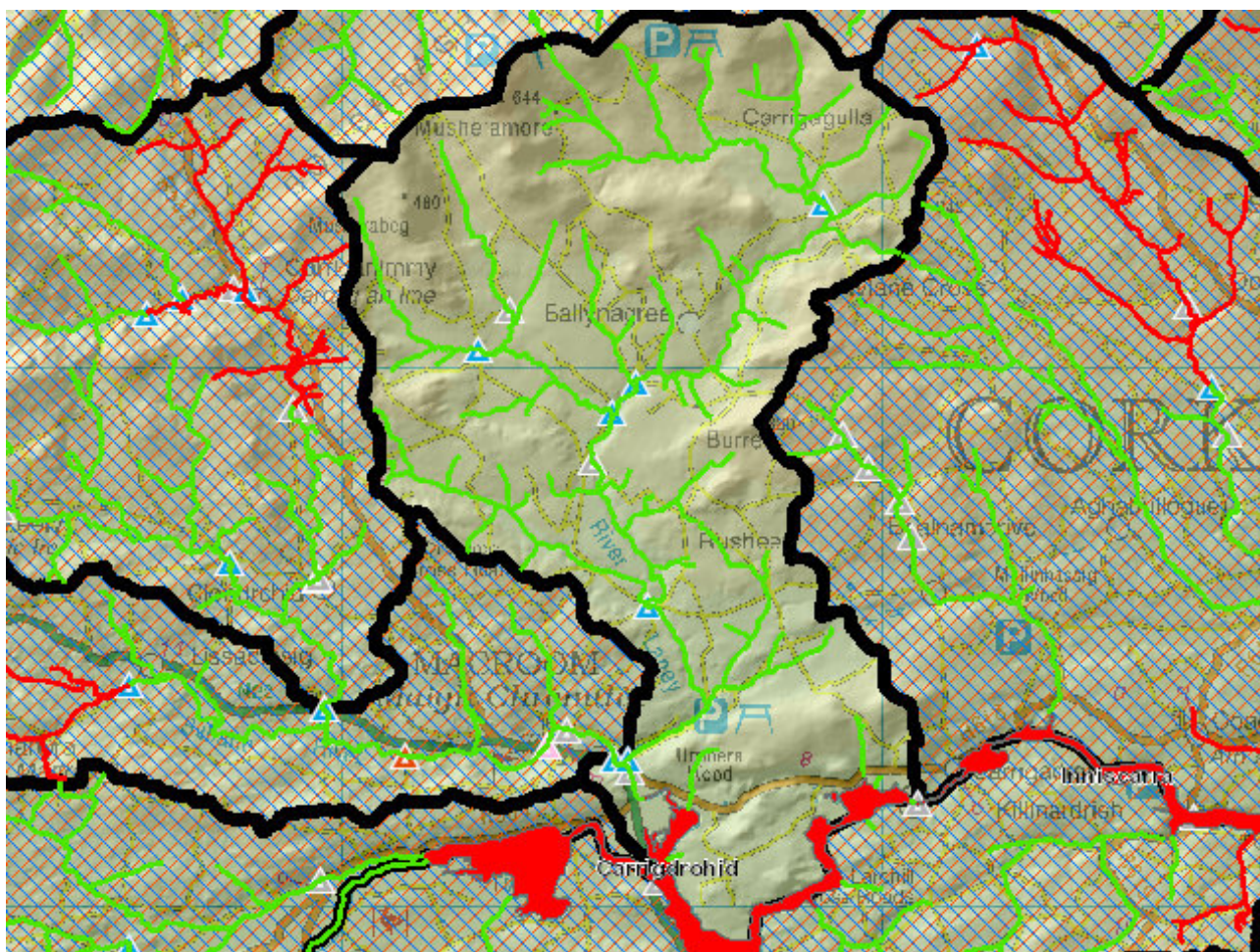


Evaluation of Priority Subcatchment Issues

The two lake water bodies within this subcatchment are AT RISK: Inniscarra due to Moderate biological status and; Carrigdrohid due to Poor biological status (both driven by chlorophyll, phytoplankton and macrophytes).

Recycling of nutrients from lake sediments is a likely significant pressure. In addition both Carrigdrohid and Inniscarra are Heavily Modified water bodies created by the damming of the River Lee with Carrigdrohid Dam.

Map Subcatchment Risk Map

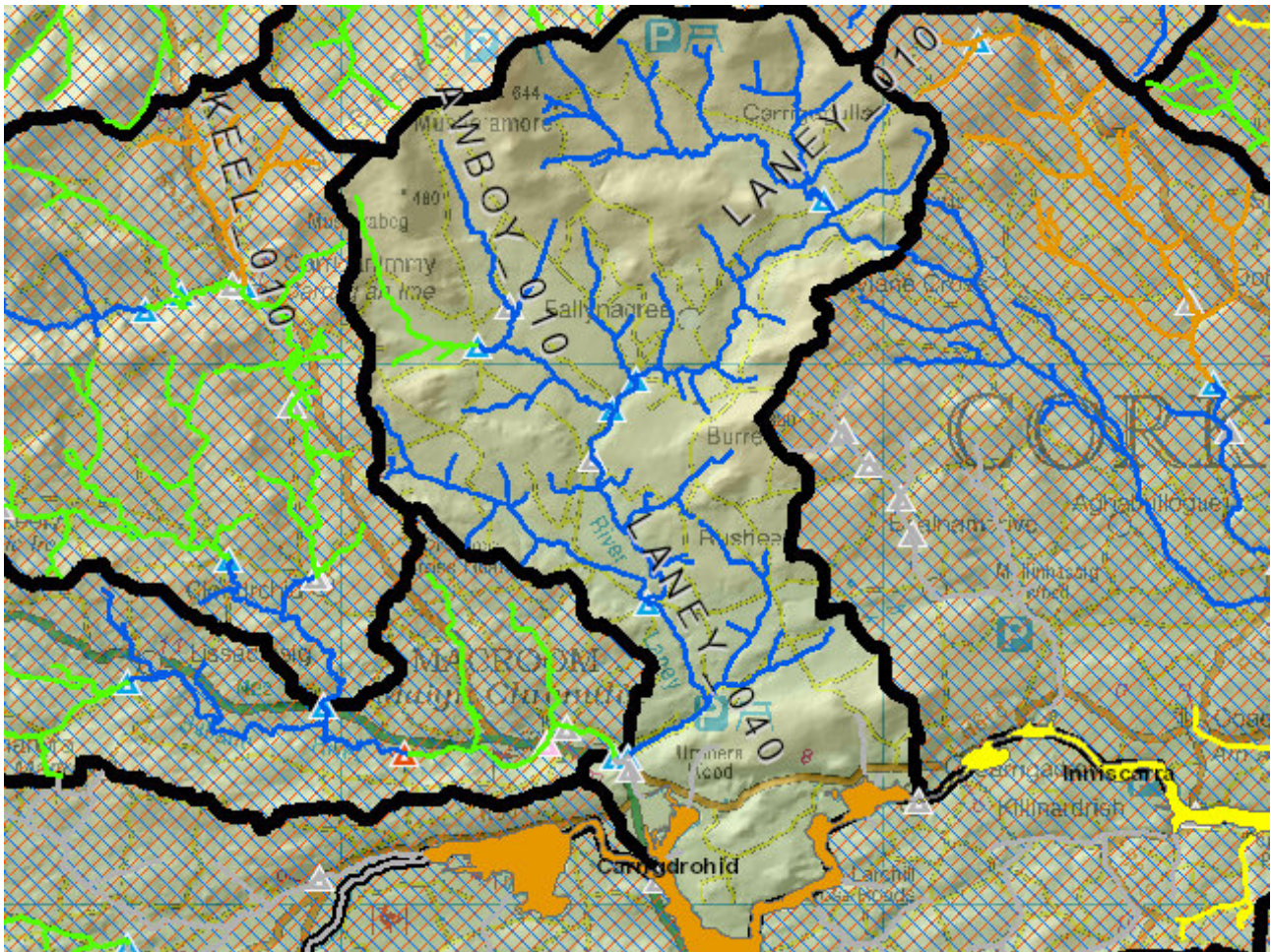


River And Lake Waterbodies: WFD Risk

The following river and lake waterbodies are in the subcatchment.

Code	Name	Type	WFD Risk	Significant Pressure
IE_SW_19_138	Inniscarra	Lake	At risk	Yes
IE_SW_19_139	Carrigdrohid	Lake	At risk	Yes

Map Subcatchment Water Quality Status Map



River And Lake Waterbodies: Water Quality Status

The water quality status of river and lake waterbodies in the subcatchment is as follows.

Code	Name	Type	2007-09	2010-12	2010-15
IE_SW_19A030200	AWBOY_010	River	High	High	High
IE_SW_19_139	Carrigdrohid	Lake	Good	Moderate	Poor
IE_SW_19C010200	CUSLOURA_010	River	Good	Good	Good
IE_SW_19_138	Inniscarra	Lake	Moderate	Moderate	Moderate
IE_SW_19L010100	LANEY_010	River	Good	High	High
IE_SW_19L010200	LANEY_020	River	High	High	High
IE_SW_19L010400	LANEY_030	River	High	High	High
IE_SW_19L010500	LANEY_040	River	High	High	High
IE_SW_19L030400	LEE (CORK)_060	River	Unassigned	Unassigned	Unassigned

Potentially Dependent Transitional and Coastal Waterbodies

The Transitional and Coastal waterbodies listed below intersect spatially with river and lake waterbodies in the subcatchment ...

Code	Name	Type	Local Authority	WFD Risk
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Potentially Dependent Groundwater Waterbodies

The groundwaters listed below intersect spatially with river and lake waterbodies in the subcatchment ...

Code	Name	Type	Local Authority	WFD Risk
IE_SW_G_004	Ballinhassig East	Groundwater	Cork County Council	Review
IE_SW_G_005	Ballinhassig West	Groundwater	Cork County Council	Not at risk
IE_SW_G_037	Glenville	Groundwater	Cork County Council	Review

Protected Areas intersecting River and Lake Waterbodies

The Protected Areas listed below intersect spatially with river and lake waterbodies in the subcatchment ...

Code	Name	Type	Waterbody Name	Association Type
IEPA5D0019	River Lee	Salmonid	LEE (CORK)_060	Overlapping / partly within Protected Area

Pressures

Below is a list of all significant pressures identified in the subcatchment.

Code	Name	WFD Risk	Pressure Category	Pressure Sub Category
IE_SW_19_138	Inniscarra	At risk	Anthropogenic Pressures	Unknown
IE_SW_19_139	Carrigdrohid	At risk	Anthropogenic Pressures	Unknown
IE_SW_G_004	Ballinhassig East	Review	Anthropogenic Pressures	Unknown
IE_SW_G_037	Glenville	Review	Anthropogenic Pressures	Unknown

Further Characterisation Actions

The following further characterisation actions have been identified. These are necessary to help understand more fully issues in the subcatchment and their likely cause.

Code	Name	Action	Responsible Organisation
IE_SW_19_139	Carrigdrohid	IA1 Provision of Information	Environmental Protection Agency
IE_SW_19_138	Inniscarra	IA1 Provision of Information	Environmental Protection Agency
IE_SW_19_138	Inniscarra	IA1 Provision of Information	Environmental Protection Agency
IE_SW_19_139	Carrigdrohid	IA1 Provision of Information	Environmental Protection Agency