25.0 Cumulative Effects – Addendum

Introduction

25.1 In August 2025, Fairhurst Group LLP ("the Agent") acting on behalf of Dumfries and Galloway Council (DGC) ('the Applicant'), submitted consent applications for both Planning Permission from the Local Planning Authority (LPA) and Marine Licences from Marine Directorate – Licensing Operations Team (MD-LOT) for the proposed expansion and redevelopment of Stranraer Marina, including dredging ("hereafter referred to as the proposed development").

25.2 The applications to the Consenting Authorities were accompanied by an Environmental Impact Assessment Report (EIAR) (August 2025). Since the production of the EIAR (August 2025), an Addendum Benthic Ecology Chapter (Chapter 12) (September 2025) has been prepared and submitted to the Consenting Authorities, as additional environmental information.

25.3 This Addendum Cumulative Effects Chapter updates the findings presented within Chapter 25 of the previously submitted EIAR (August 2025), in relation to Benthic Ecology.

Impact Assessment

Cumulative effects - other projects/ developments

25.4 **Table 25.1** below summarises the assessment of likely cumulative effects from other projects/ developments as reported in the Benthic Ecology Addendum Chapter (September 2025).

Table 25.1: Summary of Cumulative Effects

EIA Topic	Potential Cumulative effects
Benthic Ecology – Addendum Chapter	Known additional projects that are committed to or reasonably foreseeable and may potentially provide cumulative effects in combination with the proposed development include: • Deposition of oyster shells within Loch Ryan (Loch Ryan Oyster Fishery Co Ltd); • Capital dredging and sea disposal of sediments from the Loch Ryan Port approach channel, berth pocket, and swinging area (Stena Line Ports); • The construction of a platform for instructor shelter and removal of redundant sewer outfall pipes, debris, unlit beacon, and boulders as well as beach clearance at Stranraer Marina (Stranraer Watersports Association); • Marine construction and pontoon deposit for eight pontoons and three racing markers at Stranraer Marina (Stranraer Watersports Association); and • An additional 18 moorings at Stranraer Marina (Stranraer Watersports Association). However, the above projects are either located considerably further up Loch Ryan and outside the zone of influence from any predicted impacts associated with the proposed development, or else it is considered that that their actions will result in no detrimental impact on the marine environment. This is based on the information provided in the Marine Licence applications made to Marine Scotland for the relevant projects. Chapter 11.0 (Water Quality) of the EIAR assesses that any cumulative/in-combination effects arising from the above projects are unlikely to alter any of the potential impact assessments made in relation to the proposed works in terms of water quality. Chapter 7.0 (Coastal Processes) of this EIAR likewise concludes that localised, temporary increases in suspended sediment levels may occur in relation to the other planned developments in the area, however that cumulative impacts with the proposed development are very unlikely and, should they occur will be of negligible magnitude. Given these conclusions, it is assessed that none of the potential impacts from any of the

EIA Topic	Potential Cumulative effects
	proposed additional projects will significantly alter the assessment made in this chapter, thus the effects of potential impacts on benthic ecology will remain as described.

Cumulative effects - in combination/ 'intra-project' interactions

25.5 As reported in the previously submitted (EIAR) (August 2025), when reviewing the potential for combined / intra-project effects on individual receptors, it is considered that certain receptors / group of receptors have the potential for multiple environmental effects, as discussed within the various chapters of the EIAR (August 2025). This list has now been updated, where relevant to Benthic Ecology:

- **Loch Ryan;**
  - Navigation and Safety;
  - Benthic Ecology;
  - Coastal Processes;
  - Water Quality;
- **Local Wildlife and Habitats;**
  - Navigation and Safety;
  - Benthic Ecology;
  - Fish and Shellfish Ecology;
  - Marine Mammals;
  - Terrestrial Biodiversity and Ornithology;
  - Noise and Vibration;
  - Air Quality and Dust; and
  - Underwater Noise.

25.6 As previously reported, construction of the proposed development will result in activity and temporary disturbance during certain activities. However, these are temporary in nature, and during certain phases and activities of the construction phase.

25.7 The previously submitted EIAR (August 2025) noted that with the implementation of standard construction and additional mitigation measures e.g. a final Construction Environmental Management Plan (CEMP), it is considered that potential environmental effects can be alleviated. Following the submission of the Benthic Ecology Addendum Chapter (September 2025) it is also requested that a Biosecurity Plan for the marina will be developed for the ongoing operational phase of the project to address the risks posed by operation of the marina, such as increased vessel traffic to the area. The Biosecurity Plan should also take the existing Solway Firth Biosecurity Action Plan into consideration when determining the control measures to take.

Abbreviations

CEMP	Construction Environmental Management Plan
DGC	Dumfries and Galloway Council
EIA	Environmental Impact Assessment
EIAR	Environmental Impact Assessment Report
LPA	Local Planning Authority
MD-LOT	Marine Directorate - Licensing Operations Team

List of Tables

Table 25.1: Summary of Cumulative Effects