

**Prescribed Body Observations from the Department of Agriculture Food and the Marine**

**Our Ref: FW.8.87 An application by Cork County Council for dredging works  
at Glengarriff Pier, County Cork  
DHPLG Ref: FS0006970**

I refer to your request for comments/observations from the Department of Agriculture, Food and the Marine regarding an application for dredging works by Cork County Council at Glengarriff Pier.

Further to consultation with our technical advisors the conditions below should be included in any licence that issues.

1. There should be no significant impacts on any aquaculture sites due to the proposed works, provided all works are carried out correctly and in the location detailed by the applicant.
2. Sufficient notice should be given to all users of the pontoon before its temporary removal.

**From:** [Fem Dau](#)  
**To:** [Housing Foreshore](#)  
**Subject:** [REDACTED] FS006970, [REDACTED]

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A chara,

Attached please find the heritage recommendations of the Department for the above mentioned application.

### **Underwater Archaeology**

We refer to the foreshore licence application for the three piers and associated propose dredging works and the submitted Underwater Archaeological Impact Assessment (UAIA). The following are the recommendations of the Underwater Archaeology Unit of the National Monuments Service, in keeping with the mitigation strategy proposed in the UAIA:

#### **Archaeological Monitoring:**

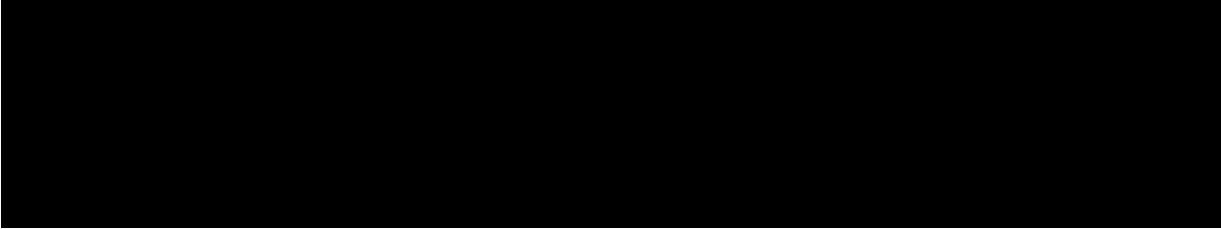
Archaeological monitoring is to be carried out during dredging works at all three piers and to take the following format:

- The services of a suitably qualified and suitably experienced underwater archaeologist (with experience in the archaeological monitoring of marine dredging operations) to be engaged to carry out the archaeological monitoring for the three dredging works programmes.
- The archaeological monitoring should be licensed by this Department and a detailed method statement is to accompany each licence application (for each of the three pier dredging works).
- The method statements are to lay out the monitoring strategy for each location of the dredging works.
- A communication strategy is to form part of the monitoring strategy to ensure full communication is in place between the monitoring archaeologist and the plant operators at all times during works.
- The archaeological personnel undertaking the monitoring will be in a position to monitor directly all elements of the dredging works, to ensure they have unobstructed views of the dredging plant head, and the plant and machinery operators should be prepared to facilitate the archaeological personnel in the undertaking of their monitoring work.
- As part of the Finds Retrieval Strategy in the methodology, 25% of the dredged material removed from each area (i.e. 25% from Courtmacsherry, 25% from Glengarriff and 25% from Reen) is to be spread and metal detected to assess the artefacts-bearing potential. If large quantities of artefacts are present, then the percentage of material being assessed may be increased. Similarly if, after an agreed period of time, there is minimal artefactual evidence, the archaeological assessment of the dredged spoil may be scaled down. The methodology should seek to have a representative percentage assessed from all areas, i.e. from the area immediate to the pier, from the approach channel, etc.
- Sufficient archaeological personnel will be in place to cover all aspects of the monitoring and assessment of the dredging works (i.e. monitoring of dredgings and assessment of dredged spoil).
- Should potential archaeology be identified during the dredging works, then the dredging is to be suspended in that location pending full resolution of the archaeology, which may include archaeological assessment, testing, avoidance/preservation in situ or full excavation.
- In the event that potential archaeology is identified and dredging works have to be

suspended, the Underwater Archaeology Unit should be contacted immediately to ensure the least delays to works are incurred.


Reason: To ensure the continued preservation (either in situ or by record) of our underwater cultural heritage and all associated features, objects and structures.

### **Nature Conservation**



FS006970

The applicant has forwarded Natura Impact Statement assessment for dredging and other works at Glengarriff, Co Cork that concludes there would be no likely significant effect on the conservation features of this site provided appropriate mitigation is implemented in full. This conclusion is supported by the National Parks and Wildlife Service.



Mise le meas,



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Aonad na nIarratas ar Fhorbairt  
Development Applications Unit  
Oifigí an Rialtais  
Government Offices  
Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90  
Newtown Road, Wexford, County Wexford, Y35 AP90

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## **Marine Institute Comments on Foreshore Licence Application by Cork County Council – Maintenance Dredging at Glengarriff Pier, Co. Cork (FS006970)**

Cork County Council has submitted an application for a Foreshore Licence to carry out dredging at Glengarriff Pier , Co. Cork.

The location and details of the proposed dredging works are shown in the following drawings submitted by the applicant:

- Drawing No. 19505-5001 “Foreshore Licence Map, Scale 1:1000”, Rev C, dated 11/10/2019
- Drawing No. 19505-5003 “Proposed Dredge Plan”, Rev C, dated 11/10/2019

The area of foreshore involved is 815m<sup>2</sup>

It is intended that an existing pontoon located at the pier will be removed prior to the proposed dredging activity and will be reinstalled on completion of the dredging works.

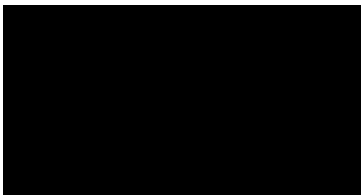
It is anticipated that the works would take circa 3 week to complete.

It is proposed that the dredging, which will be carried out to a depth of -5m ODM, will be carried out using a long reach excavator operating from a barge or from land as necessary. The dredged material will be loaded onto trucks and will then be taken off-site to for disposal on land. When the dredging works are complete, the barge (if required) and excavator will removed from the site.

There are no licenced aquaculture sites within the proposed works area on the Foreshore. There is an Oyster Fishery Order (OFO) area located circa 390m south of the proposed dredging area and the nearest licenced aquaculture site is located circa 1.6Km southeast of proposed dredging area.

While some sediment resuspension is likely to occur during the dredging operation it is the Marine Institute view that, considering the scale of the proposed works, the volumes of material involved will be low and that any impacts would be temporary and localised.

On the basis of the information provided by the applicant and considering the nature, scale and location of the proposed dredging works on the foreshore the Marine Institute is of the view that the proposed dredging at Glengarriff Pier will not have a significant impact on the marine environment and will not have a significant impact on other legitimate uses / users of the area and therefore has no objections to a licence being granted.



3 December 2020



**MARINE LICENCE VETTING COMMITTEE:**

**RE: Foreshore application by Cork County Council Dredging at Glengarriff Pier,  
Cork- File ref. FS 006970**

**Request for observations from (DECLG) dated 06.11.2020**

**Overview**

**Glengarriff:**

The proposed works include first the temporary removal of the floating jetty pontoon and gangway. Once these have been removed, the bed around the western and southern sides of the pontoon are to be dredged to -5.00mODM. Dredge spoil is to be removed off-site for disposal. Lastly, the floating jetty pontoon and gangway are to be re-instated.  
Estimated duration 3 weeks



**Iascach Intíre Éireann  
Inland Fisheries Ireland**

### **IFI Comments**

The Courtmacsherry pier is located within the Courtmacsherry Bay SPA however no fish species are listed as a Qualifying interest.

In Courtmacsherry the works will take place between May and August. Yet the application says the works will take place outside the busier summer period, it is not clear when they refer to? The time period of works for Reen and Glengarriff are not specified. IFI recommend not scheduling work for the March to May period as salmon and sea trout smolts are migrating through the estuary.

The application states that the dredging will take place on high tide however it is not clear if this is daylight high tide or both high tide cycles (day and night). As many migratory fish species migrate at night it would be beneficial to avoid dredging the nighttime high tide.

IFI would point out that the mitigation measures and guidance of NPWS in regard to marine mammals are not transferrable to fish species. The fish remain invisible to any shore- or boat-based observer. IFI recommend the use of soft-start and ramp-up procedures for the dredging undertaken – both on a day-to-day basis and on re-start after any stoppages within any day

The IFI comments above do not cover commercial marine fish and the advice of SFFPA should be sought in regard to impacts on the eggs/larvae and adult life stages of commercially-important fish species in the area of the proposed works.

The mitigation of accidents and the protection of the aquatic and marine environment is outlined in the supporting document. All refuelling of machines and equipment must take place well away from the shoreline. All fuels, lubricants and hydraulic fluids must be kept in secure bunded areas away from the shoreline. Dredging should be undertaken in a manner that reduces the volumes of sedimentation in the water column.

The location for disposing of the dredged material on land is not outlined in the applications. The location and method of disposal along with control measures should be forwarded to the local IFI environmental officers in advance of works. Contact:



**Iascach Intíre Éireann  
Inland Fisheries Ireland**

There is a large angling community within the vicinity of these piers and IFI recommend informing the local angling clubs in advance of the commencement of the dredging activity.

The effect of dredging on the habitat and the noise generated during the operation while potentially significant for the local fish species present the temporary nature of the work 1-3 weeks and if all mitigation measures are implemented fully there should be no negative impact on the aquatic environment.

Once dates are confirmed for commencement of works in each vicinity the local IFI office should be informed with contact details for the site supervisor.

06.01.2020 (IFI R&D) (IFI)

MSO

**From:** [REDACTED]@transport.gov.ie>

**Sent:** Monday 9 November 2020 09:22

**To:** [REDACTED]@housing.gov.ie>

**Subject:** RE [REDACTED], FS006970 an [REDACTED] Dredging at [REDACTED], Glengarriff Pier  
[REDACTED]

Good morning [REDACTED],

Post review of the information submitted I have no comment on behalf of the MSO regarding the dredging projects listed in the subject header.

For your information any ship which will be engaged in the dredging project is required to comply with our national legislation whilst operating domestically, thus an application for survey should be made via the Mercantile Marine Office for each vessel to ensure compliance if required.

Regards

[REDACTED]  
*Nautical Surveyor  
Marine Survey Office*

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**An Roinn Iompair**  
*Department of Transport*





05/01/2021

FS006970

**Engineering Report: Application by Cork County Council for a Foreshore Licence to dredge an area of foreshore at Glengarriff Pier, County Cork.**

**Project Description**

This application by Cork County Council is for a licence to dredge an area of 900m<sup>2</sup> to -5m ODM max. It is not proposed to dispose of the dredged material and spoil at sea, it will be disposed of at land based facilities. Dredging works will be carried out by a long reach excavator operating from a barge or from land. The pier at Glengarriff is a county council pier and is for general public use

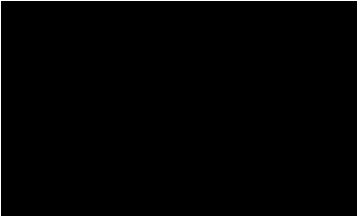
**Assessment**

I inspected the site on the 9<sup>th</sup> of December 2020. The development as proposed will improve access to the pier and the safety for existing users boarding and disembarking vessels at the pier. The foreshore at Glengarriff is stated owned and the works as proposed will improve safety and access for the general public and so are in the public interest. The works if completed as proposed will not have significant adverse impacts on navigation, fisheries or the environment (subject to MLVC confirmation).

**Recommendation**

I recommend approval of the application for a foreshore licence to dredge subject to the following;

- The Drawing Titled Foreshore Licence Map, Drawing No: 19505-5001 Rev.D Date: 05.01.2021 should be attached to and referenced in the licence document,
- The dredging works shall be conducted in accordance with documents submitted and specifically drawings, Drawing No:19505-5003 Rev.C Date: 11.10.2019 and Drawing No:19505-5005 Rev.C Date: 11.10.2019
- The Department shall be notified 2 weeks prior to any works proceeding.



M.Eng. M.I.E.I.