

## Nea Christian

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**From:** O'Malley Vincent  
**Sent:** Tuesday 5 November 2019 16:17  
**To:** Nea Christian  
**Subject:** RE: Re. Reactive Maintenance works at Cloonlyon River Bridge (GC-N63-016.00)

Christian,  
I confirm that I accept the reasoned determination set out below.  
Sincerely  
Vincent

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**From:** Nea Christian [REDACTED]  
**Sent:** Tuesday 5 November 2019 15:13  
**To:** O'Malley Vincent [REDACTED]  
**Subject:** FW: Re. Reactive Maintenance works at Cloonlyon River Bridge (GC-N63-016.00)

Vincent,

Having reviewed Paul's email below (with figures attached) and having regard to the minor nature of the works, I recommend that the following reasoned determination can be made:

*Having performed screening for Appropriate Assessment in respect of the proposed reactive maintenance works detailed in the email received from Paul O'Donoghue PhD dated the 4<sup>th</sup> of November, 2019, and entitled 'FW: Re. Reactive Maintenance works at Cloonlyon River Bridge (GC-N63-016.00)', I accept the recommendations of Atkins Limited that the proposed reactive maintenance works, individually or in combination with other plans or projects, would not be likely to have a significant effect on any European site in view of the best scientific knowledge and the site's conservation objectives. I determine that an Appropriate Assessment of these proposed works is not required, as it can be excluded on the basis of objective scientific information following the screening done that the proposed works, individually or in combination with other plans or projects, will have a significant effect on any European site.*

Kind regards,

Christian.

Christian Nea B.E., LL.B., LL.M., C.Eng., M.I.E.I.  
Chartered Engineer

Senior Engineer (Environment)  
Environmental Policy and Compliance Section,  
Transport Infrastructure Ireland, Parkgate Business Centre, Parkgate Street, Dublin 8.  
[REDACTED]

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**From:** O'Donoghue, Paul [REDACTED]  
**Sent:** Monday 4 November 2019 15:56  
**To:** Nea Christian [REDACTED]; O'Malley Vincent [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** Re. Reactive Maintenance works at Cloonlyon River Bridge (GC-N63-016.00)

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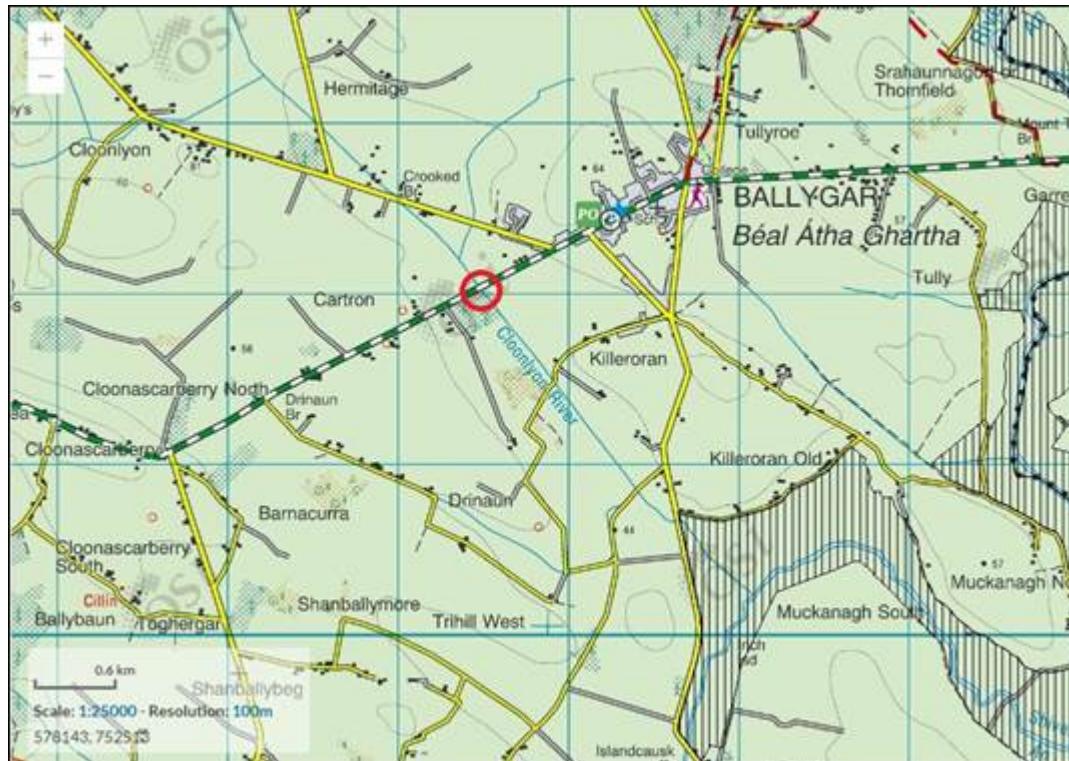
Christian

Re. Reactive Maintenance works at Cloonlyon River Bridge (GC-N63-016.00)

#### *Bridge Location*

The structure location is here (bridge location circled in Red).

Cloonlyon River Bridge is located on the N63 to the west of Ballygar, Co. Roscommon. Cloonlyon River Bridge spans the Cloonlyon River, a minor order tributary of the River Suck. Just under 3km south of the bridge the Cloonlyon River joins the Shiven River, which in turn is a tributary of the River Suck.



© NBDC.

Photographs of the bridge are included in the attached zip file.

#### *Works*

It is proposed to repair an area of parapet wall to match the existing. It is estimated that the impact damage measures 1500mm in length with the existing parapet measuring 700mm high by 400 thick. An additional 1800mm length of capping is to be replaced adjacent to the impact damaged section.

The works will involve the removal and disposal off site of any broken stone, blockwork and / or capping; with any remaining usable stone from the broken section of parapet collected by hand for reuse (see image 3020). Where required additional stone of a similar type will be brought on site for use. The new parapet section will be constructed using hand tools and will consist of new stonework, cement mortar, and concrete capping. The cement mortar and concrete will be mixed away from the structure to prevent

contamination of the watercourse. As some of the parapet works is located close to the riverbank a tarpaulin will be erected to prevent any loose mortar or material entering the watercourse. Works will take 1 week.

There will be no instream works.

To undertake the repairs no shuttering is required; no pouring of liquid concrete into formwork is required; no site compound is required; no heavy machinery is to be used on site. Single lane closure will be required to safely undertake the works. The majority of the parapet wall to be repaired is over adjoining ground rather than over the river – see attached photos. No foundations are required – the parapet is to be constructed on top of existing masonry wing wall. Works near the river are limited to repair of the parapet wall.

#### *Ecological Characteristics*

The bridge is not within an SAC or SPA; nor is it within a NHA / pNHA. Just over 2km downstream of the bridge the lower reaches of the Cloonlyon River are within the River Suck Callows SPA (004097) (hatched area on the above figure). The qualifying interests of this SPA are: - Whooper Swan (*Cygnus cygnus*) [A038]; Wigeon (*Anas penelope*) [A050]; Golden Plover (*Pluvialis apricaria*) [A140]; Lapwing (*Vanellus vanellus*) [A142]; Greenland White-fronted Goose (*Anser albifrons flavirostris*) [A395] and Wetland and Waterbirds [A999]. The proposed works are of short duration; and would be undertaken >2km from the SPA and are screened from the SPA by surrounding vegetation (see photos). There will be no direct impact to the SPA; nor are indirect impacts through deterioration in water quality or disturbance likely.

Otter was recorded from the Cloonlyon River Bridge / N63 (M777520) during the Otter Survey of Ireland 1982 (Source: NBDC) and may occur on the Cloonlyon River. The bridge location is not within a Margaritifera sensitive area. However, as noted no instream works are proposed.

Japanese knotweed (*Fallopia japonica*) has been recorded from a woodland site to the northwest of the bridge (M777537) (Source: NBDC), but not from the bridge location.

There are no works to the bridge itself – hence no risk to bats.

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#### Atkins Findings -

This Screening for Appropriate Assessment is based on the best available scientific information. It is concluded that the proposed project poses no likely significant effects on Natura 2000 sites. Thus, it is recommended that it is not necessary for the proposed project to proceed to Appropriate Assessment.

#### Findings of TII Appropriate Assessment -

#### **Can you please provide a Reasoned Determination?**

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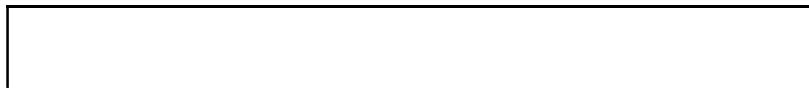
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Regards

Paul

**Paul O'Donoghue** PhD CEnv MCIEEM

Principal Ecologist / Environmental Scientist  
Ireland  
Environment



Unit 2A, 2200 Cork Airport Business Park, Cork City, Ireland



Company



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