

**From:** [O'Malley Vincent](#)  
**To:** [Nea Christian](#)  
**Cc:** [Phelan Sarah-Jane](#)  
**Subject:** RE: Leinster Bridges Reactive Maintenance RMP 025- Unregistered Culvert 800m south of Aughafin Culvert  
**Date:** Thursday 8 October 2020 15:20:40

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Christian,  
Having reviewed the content of the email from ROD, I accept the reasoned determination as set out below.  
Sincerely  
Vincent

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**From:** Nea Christian [REDACTED] >  
**Sent:** Thursday 8 October 2020 14:58  
**To:** O'Malley Vincent <[REDACTED]>  
**Cc:** Phelan Sarah-Jane <[REDACTED]>  
**Subject:** RE: Leinster Bridges Reactive Maintenance RMP 025- Unregistered Culvert 800m south of Aughafin Culvert

Vincent,  
Having reviewed Patrick's email below and having regard to the very minor nature of the works and the remoteness of possible pathways, 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 Patrick O'Shea dated the 8<sup>th</sup> of October 2020, and entitled 'Leinster Bridges Reactive Maintenance RMP 025- Unregistered Culvert 800m south of Aughafin Culvert', I accept the recommendations of Roughan and O'Donovan 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.

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**From:** Patrick O'Shea [REDACTED]  
**Sent:** Thursday 8 October 2020 12:24  
**To:** Nea Christian [REDACTED] >  
**Cc:** O'Malley Vincent [REDACTED]  
[REDACTED]  
[REDACTED]  
**Subject:** Leinster Bridges Reactive Maintenance RMP 025- Unregistered Culvert 800m south of Aughafin Culvert

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Hi Christian,

I hope you are well.

Can you please complete an AA Screening for the following reactive maintenance works?

**Reactive maintenance ref.:** RMP 025

**Structure ID:** this structure has no ID (it is less than 1.8m overall length and, therefore, in accordance with the Eirspan system this is technically not a bridge)

**Structure name:** Unregistered Culvert 800m south of Aughafin Culvert

**ITM:** 626548 772400

**Structure description:** Masonry arch culvert carrying drainage ditch under the N55 near Edgeworthstown.

**Description of the works:** The works are on the eastern side of the culvert and are to include for the removal of the vegetation, reconstruction of the abutment/side wall that has collapsed on the north eastern side of the culvert (*1.5m (l) and 2.5m (h) approx.*) and replacement of fallen section of the arch (*1.2m span approx.*), with localised repointing on the face of south eastern wall to also be included. Placement of rock armour will also be required. (See photograph attached)

**Connection to Natura 2000 Sites/ pathways for impacts:** There are no Natura 2000 Sites within 3km of the culvert. The ditch flows through the culvert in a NW-SE direction where it eventually joins other small watercourses and flows into the Garriskil Bog SAC and SPA, 10.2km downstream of the culvert. The river forms the western boundary of these designated sites, before discharging into the Lough Iron SPA 16km downstream of the culvert.

**ROD AA Screening Recommendation:**

I recommend that these works screen out for AA on the basis that:

- The scale of the works are very small, in part due to the small size of the culvert.
- The qualifying interests of the Garriskil Bog SAC/SPA, terrestrial peat habitats and Greenland white-fronted goose, are not sensitive to impacts of this nature (sediment, mortar, fuels and oils entering watercourse).
- The location of the works relative to the nearest hydrologically connected sites (>10km) and the size of the ditch means that any pollutants that could accidentally enter the ditch as a result of the works would dissipate before reaching the Natura 2000 Sites downstream.

Regards,

Patrick

**Patrick O'Shea MCIEEM**

Senior Ecologist

**Roughan & O'Donovan** | *consulting engineers*  
Arena House, Arena Road, Sandyford, Dublin 18, Ireland

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