

From: [Nea Christian](#)
To: "[Patrick O'Shea](#)"; [REDACTED]
Cc: [O'Malley Vincent](#); [Phelan Sarah-Jane](#)
Subject: Fw: Leinster Bridges- Gurteen Culvert- AA Screening
Date: Thursday 3 December 2020 17:52:01

From: O'Malley Vincent <[REDACTED]>
Sent: 03 December 2020 17:13
To: Nea Christian [REDACTED]
Subject: RE: Leinster Bridges- Gurteen Culvert- AA Screening

Christian,
Having reviewed the content and attachment of the email from Roughan and O'Donovan, based on the recommendations set out, I accept the reasoned determination set out below.
Sincerely
Vincent

From: Nea Christian [REDACTED]
Sent: Thursday 3 December 2020 12:52
To: O'Malley Vincent [REDACTED]
Cc: Phelan Sarah-Jane [REDACTED]
Subject: FW: Leinster Bridges- Gurteen Culvert- AA Screening

Vincent,
Having reviewed Patrick's email below and having regard to the 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 2nd of December 2020, and entitled 'Leinster Bridges- Gurteen Culvert- AA Screening', 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.

From: Patrick O'Shea [REDACTED]
Sent: Wednesday 2 December 2020 18:09

To: Nea Christian <[REDACTED]>

Cc: [REDACTED] O'Malley
Vincent [REDACTED]
[REDACTED]

Subject: Leinster Bridges- Gurteen Culvert- AA Screening

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Hi Christian,

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

I have attached a photograph of the bridge.

Bridge Name: Gurteen Culvert

Bridge Code: N/A (Non-Eirspan Structure)

Bridge Location: ITM 620198 773354

Location of the structure in relation to Natura 2000 Sites: The watercourse flows into the Lough Forbes Complex SAC and the Ballykenny- Fisherstown Bog SPA 15.5km downstream. There are no Natura 2000 Sites within 5km of the bridge.

Proposed Works:

- Temporary diversion of water (piped through the existing channel) to provide a dry works area
- Shallow excavation of silt and debris along red lines shown in the attached photo down to the shallow rock (estimated to be 6 to 12 inches)
- Pumping concrete into existing void over the length of the red lines shown on the attached photo
- Inserting large stone blocks into the wet concrete to fill the existing void
- Repointing / pressure pointing of the stonework
- Removal of temporary diversion

Recommendation: There is potential for water quality impacts to arise from the use of wet concrete and mortar. I recommend the works to screen out for AA for the following reasons:

- The temporary dewatering of the stream, excavations and the use of concrete and mortar will follow the standard methodology for this type of work, outlines in the Vol A Work Requirements, which inherently avoids impacts on water quality.
- The Natura 2000 Sites are over 15km downstream of the bridge, therefore any water quality impacts, were they to arise accidentally, would be diluted and dissipate before reaching the Natura 2000 Sites.

Regards,

Patrick

Patrick O'Shea MCIEEM
Senior Ecologist

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