

**Conservation (Natural Habitats & c.)
Regulations 2010
Screening Matrix - Test of Significance**



Record of Assessment of Likely Significant Effect On A European Site (SAC)

Part A: The Proposal

1. Brief description of Project /distance to SAC:	Extensions and alterations to existing building and provision of package treatment plant for domestic foul drainage. The site is 130 metres from the SAC. Reference P/2015/0838
2. SAC reference no:	UK0030252
3. Site centre grid reference: SAC centre location:	02 51 40 w (longitude) 53 02 50 N (latitude)
4. European site name(s) and status:	River Dee/ Afon Dyfrdwy
5. List of Listed European interest features: P.N/ These qualifying features will change if this test is used for another SAC site	<u>SAC Features:</u> <u>Annex 1 habitats</u> Water courses of plain to montane levels that are a primary reason for selection <u>Annex 2 species that are a primary reason for selection</u> *Atlantic salmon *Floating water plantain <u>Annex 2 species present as qualifying feature but not primary reason for selection</u> *Sea lamprey *Brook lamprey *River lamprey *Bullhead *Otter
6. Is the proposal directly connected with or necessary to the management of the site for nature conservation?	No

7. Are there other projects or plans that together with the project or plan being assessed could affect the site (provide details)	None
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Part B: Assessment Criteria

8. Describe the individual elements of the project (either alone or in combination with other plans or projects) likely to give rise to impacts on the European Site.

The site is 130 metres from the River Dee and on much higher ground outside of the floodplain. The application site itself is of no biodiversity value.

The development will generate trade effluent from poultry slaughter/processing activities that will be carried out on site. These will only give rise to impacts upon the SAC if effluent is discharge from the site without being treated effectively or if sufficient safety protocols are not in place. However a treatment plant is proposed that will treat effluent prior to it being discharged.

Provided the above mentioned treatment plant is installed together with appropriate monitoring systems to enable detection of faults, it is anticipated that there is no significant risk of pollution. The installation of an effluent treatments system prior to the commencement of the use will be required by condition.

The package treatment plant proposed by this application is for domestic foul drainage only and NOT trade effluent. The domestic foul drainage treatment plant already benefits from an Environmental Permit (EPR/WB3990HT). Subject to compliance with the permit (which will be enforced by NRW) the package treatment plant will not have a significant or adverse impact upon the River Dee.

9. Describe any likely direct, indirect or secondary impacts of the project (either alone or in combination with other plans or projects) likely to give rise to impacts on the European Site by virtue of size & scale; land take; distance from the European site and key features; resource requirements; emissions; excavation requirements; transportation requirements; duration of construction, operation, decommissioning; and/or other).

9.1 Annex 1 habitat and impacts (delete as appropriate where applicable)

- ☐ Watercourse of plain to montane levels with characteristic vegetation

• Impacts

Physical changes to the watercourse or its water chemistry (Dams, weirs, channelling).

No impacts

9.2 Annex 2 species and impacts

- ☐ Salmon

• Impacts

Pollution incidents

Physical barriers to migration

Exploitation of fish stock

No Impacts

- ❑ Floating water plantain

- **Impacts**

Channel straightening

Dredging

Pollution incidents (especially in lowlands)

No Impacts -

The installation of a treatment plant for trade effluent will ensure that the risk of pollution is low.

Compliance with the Environmental Permit will mean the risk of pollution from domestic foul drainage is low.

9.3 Annex 2 species present as qualifying feature

- ❑ Sea lamprey / migratory fish (accessible rivers/ estuaries)

- **Impacts**

Barriers to migration/ need freshwater for spawning

- ❑ Brook lamprey/ non-migratory (requires clean water)

- **Impacts**

Pollution would impact the species

Increases in flow impact on spawning

- ❑ River lamprey

- **Impacts**

Barriers that impede dispersal to the sea or migration to river for spawning

Artificial/man-made dams or weirs

No impacts identified - The installation of a treatment plant for trade effluent will ensure that the risk of pollution is low.

Compliance with the Environmental Permit will mean the risk of pollution from domestic foul drainage is low.

Part C: Assessment of Significance of Effects

10. Describe how the project or plan (alone or in combination) is likely to affect the European site.

- **Otter** – No impacts
- **Brook Lamprey, Atlantic Salmon & Bullhead** – No impacts provided Discharge Consent parameters are set high enough to ensure no impacts to water quality.
- **Watercourse Habitat** – No loss or degradation of habitat

14. Explain whether these effects are considered to be significant

The potential risk to the SAC is solely related to discharge from untreated effluent

The installation of a treatment plant in respect of trade effluent, which will be secured by condition, will ensure the risk of pollution is low.

Compliance with the Environmental Permit will mean the risk of pollution from the domestic foul drainage is low.

15. List of agencies consulted (contact name and telephone/e-mail address)

- NRW Gareth Thomas 0300 065 3786,
Gareth.Thomas@cyfoethnaturiolcymru.gov.uk

16. Response to consultation



NRW Signature: Gareth Thomas, Development Planning Advisor 22nd Jan 2016

Part D: Overall Conclusions

There are no significant effects associated with the plan/project

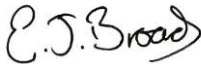
IF THE ANSWER IS 'YES', THE PROPOSAL IS LIKELY TO HAVE A SIGNIFICANT EFFECT, AN APPROPRIATE ASSESSMENT WILL BE REQUIRED.

Name of Assessing Officer:
Emma Broad

Name of Supervising Officer:
Lawrence Isted

Job Title: Ecology/Biodiversity Officer

Job Title: Head of Community Wellbeing and Development

Signed: 	Date: 12/01/16	Signed:	Date:
Manager (only applicable for Biodiversity Officer):		Signed:	Date:
Sources of Data ▪ NRW records ▪ Map info			
Level of Assessment Completed ▪ NRW Records			
Where can the results of the assessment be accessed and viewed ▪ Planning Department			