

Wrexham CBC Local Planning Authority

HRA Screening Report for Phosphate inputs in the river Special Areas of Conservation (SACs)

River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid (UK0030252)

Annex I habitats present which are a primary reason for selection of this site:

- 3260 Water courses of plain to montane levels with the *Ranunculus fluitantis* and *Callitriche-Batrachion* vegetation

The Annex II species that are a primary reason for selection of this site are:

- 1106 Atlantic salmon *Salmo salar*
- 1831 Floating water-plantain *Luronium natans*

Annex II species present as a qualifying feature, but not a primary reason for site selection:

- 1095 Sea lamprey *Petromyzon marinus*
- 1096 Brook lamprey *Lampetra planeri*
- 1099 River lamprey *Lampetra fluviatilis*
- 1163 Bullhead *Cottus gobio*
- 1355 Otter *Lutra lutra*

Application Number:

P/2022/0221

Site Name:

HALGHTON NEW MILL
HANMER
WREXHAM
SY13 3DT

Brief Description:

CONVERSION OF BARN TO DWELLING AND CREATION OF NEW ACCESS TRACK

Private Waste Water Treatment Plant

NRW advice on what this means for development proposals involving connection to public wastewater treatment works:

We note from the information submitted that a private sewage treatment system discharging domestic wastewater to ground is proposed. The information set out in the section titled 'What does this mean for development proposals involving private sewerage treatment systems' has been submitted with the application. However, we advise your authority should also consider whether the drainage field is within 200m from any other known discharge to ground, as set out in the section titled on "What development proposals are unlikely to increase phosphorus levels within a river SAC" of our Advice.

Whilst the phosphorus impacts of new connections should be considered on a case-by-case basis, it is likely that a conclusion of no likely significant effect could be drawn in some cases in the context of water quality impacts where the following apply:

	Criteria (all must be satisfied):	Relevant information:	Comments / observations:
	The environmental permit for the associated wastewater treatment works has been reviewed against revised conservation objectives for water quality		n/a
	There is capacity in place to accommodate the additional wastewater in compliance with revised permit limits.		n/a
	The sewer network and associated WwTW has the hydraulic capacity for new connections without leading to an increase in the environmental impact of storm overflows		n/a
	Information submitted includes: - confirmation of how foul drainage will be managed - that rainwater is kept separate from foul wastewater and discharged in line with planning guidance on rainwater disposal.	Graf private package treatment plant and drainage field proposed. The development would be subject to separate SAB approval.	The existing substandard drainage system is to be removed and a replacement PTP installed to serve the existing and proposed dwellings. The daily discharge rate will comply with the maximum allowance and there are no other discharges to ground within 200 metres of the site. This is considered to be a betterment on the current arrangements and will be in the interests of pollution prevention to the SAC.
Are all the above questions resolved Y/N?			<u>Yes</u>

The LPA concludes that: (delete as applicable)	The development is screened out as not likely to have a significant effect on a river SAC in relation to phosphorus inputs as there is unlikely to be a source of additional phosphorus or pathway for impacts.
Under the Habitats Regulations, where a plan or project is likely to have a significant effect on a European site, either alone or in combination with other plans or projects, and where it is not directly connected with or necessary to the management of the site previously (designated pursuant to EU retained law) the competent authority must carry out an appropriate assessment of the implication of the plan or project in view of the site's conservation objectives. Natural Resources Wales has set new phosphate standards for the river Special Areas of Conservation (SACs) in Wales (21st January 2021). Any proposed development within the SAC catchments that might increase the amount of phosphate within the catchment could lead to additional damaging effects to the SAC features and therefore such proposals must be screened through a HRA to determine whether they are likely to have a significant effect on the SAC condition. This application has been screened in accordance with Natural Resources Wales' advice for planning applications within the river Special Areas of Conservation (SACs) catchments (version 3.1 published August 2023). It is considered that No Likely Significant Effects on the SAC are anticipated as a result of these development proposals as there is unlikely to be a source of additional phosphorus or pathway for impacts. The development is therefore screened out as not likely to have a significant effect on a river SAC in relation to phosphorus inputs	

	Date	Officer	
Completed by	20/03/2024	Planning Officer	Sharon Holman
Signed by	21/03/2024	Lead Officer – DM	Gwyn Humphreys