

Credits Update - 16 August 2022

Advice Note for Non-Mains Foul Drainage Package Treatment Plants

Background

As part of the credit trading scheme all applicants must provide a calculation using the Natural England [Nutrient Neutrality budget calculator](#). If an application proposes that foul drainage be managed using a Non Mains Solution in the form of a Package Treatment Plant (PTP) then the Council will require more information in order to process your application.

Examples and costing

There are a limited amount of Phosphate Credits available and the Council are keen to ensure that the scheme enables and promotes sustainable development. Using a PTP with phosphate stripping capabilities is not only the most environmentally sound option, but will also significantly lower the amount of credits required for the development and therefore lower the cost of the credits to you.

Example: Each development site will have a different calculation due to the varying parameters; The below provides a modelled example of a development of a single dwelling using a PTP that offers a 95% reduction, this would result in the total cost of the credit being **£672**; whereby a standard PTP for the same development would result in a cost of **£9240**.

There are several manufacturers that offer PTP's with up to a 95% reduction. We are unable to make recommendations to you, but when exploring the options for your site, we strongly suggest that you seek to secure the highest level of reduction available to you. I would also advise that the council is exploring options to seek high levels of reduction through its future allocation policy and this may become a requirement to proceed with credits where a PTP is proposed. Updates on this will be published to the website.

To note: When using the calculator; at stage 1 (Wastewater Treatment Works) you should choose Package Treatment Plant – User defined. Then update the Wastewater treatment Works P permit to reflect the specification of your chosen PTP (Mg TP/litre).

Requirements

Where a Non Mains solution is proposed the Local Planning Authority will require the following package of information to be submitted in order to undertake the Habitat Regulation Assessment:

1. Package Treatment Plant (PTP) specification / manufacturer details
2. Confirmation of phosphate stripping capabilities
3. Outfall details
4. Management / Maintenance plan
5. Relevant BD6297 percolation and groundwater testing report

The information in relation to the specification and the phosphate stripping capabilities will also be required in advance of using the Nutrient Budget Calculator.

If your application has been placed in the [queue](#) then please complete the requirements and return all information to: heldwithphosphates@herefordshire.gov.uk