

Ein cyf/Our ref: CAS-258714-K8C1
Eich cyf/Your ref: P/2024/0130

Wrexham County Borough Council
The Guildhall
Wrexham
LL11 1AY

Date: 12 July 2024

Dear Mr Fox,

BWRIAD/PROPOSAL: ADEILADU LAGWN SLYRI / CONSTRUCTION OF SLURRY LAGOON

LLEOLIAD/LOCATION: CEFN UCHAF, NANTYR, LLANGOLLEN, LL20 7DF

Thank you for consulting Cyfoeth Naturiol Cymru (CNC)/Natural Resources Wales (NRW) about the above, which we received on 20 June 2024.

We have no objection to the proposed development as submitted and provide the following advice.

Slurry Storage

We understand this proposal is to improve the existing slurry management system on the farm to conform with the requirements of The Water Resources (Control of Agricultural Pollution) (Wales) Regulations 2021. The storage requirements of these Regulations come into force on 1 August 2024. The structure is not to accommodate an increase in stock number.

Provided the structure is designed and built by a suitably qualified engineer to meet the standards set in the Regulations and BS 5502 (Building and Structures for Agriculture Code of Practice for Design, Construction and Loading), we have no objection to the proposal.

CIRIA guidance C759 'Livestock manure and silage storage infrastructure for agriculture. Part 2 Design and Construction' provides the necessary soil characteristics and tests for constructing an earth bank slurry lagoon. Investigations should be carried out to determine the depth of the water table. The water table should be below the base of the earth bank slurry lagoon to protect controlled waters and to facilitate ease of construction. Water levels should be measured during the wettest time of the year.

We should be informed of any substantial changes at least 14 days before construction begins. Further information on what we require is available on our website at [Natural Resources Wales / Silage and slurry storage](#). We would like to highlight that as part of the 14 day notification period, the applicant might have to submit further information than what's

submitted for this planning application (e.g. soil sampling results) to demonstrate that the development is compliant with the regulations.

Protected Sites

Water Quality

We note the application site is within the catchment of the River Dee and Bala Lake Special Area of Conservation (SAC). As you are aware, on the 21st January 2021, we published an evidence package outlining phosphorus levels for all river SACs across Wales. In line with our [Planning Advice](#) (August 2023), under the Habitats Regulations, Planning Authorities must consider the phosphorus impact of proposed developments on water quality within SAC river catchments. We therefore advise you to consider whether the proposals, as submitted, would increase the volume of foul discharge from the site in planning terms.

We note from the information submitted that a new slurry lagoon is to be installed to comply with storage requirements as laid down in the Water Resources (Control of Agricultural Pollution)(Wales) Regulations 2021. Provided the structure is not linked to an increase in livestock numbers (and would not provide the capacity for an increase in livestock numbers in the future), and is designed and built by a suitably qualified engineer, to meet the standards set in the Regulations and BS 5502 (Building and Structures for Agriculture Code of Practice for Design, Construction and Loading), it is unlikely to increase the amount of phosphorus entering the catchment and therefore, it is not likely to have a significant effect on the River Dee and Bala Lake SAC.

The slurry/manure should be applied to land in accordance with a suitable manure management plan (MMP) based on an underlying nutrient management plan (NMP).

We refer you to our Planning Advice. Provided this guidance is followed and you are able to conclude that the development is not likely to have a significant effect on the SAC, we have no objection to the proposal. However, should you conclude that the proposed development is likely to have a significant effect on the SAC, please consult us on your Appropriate Assessment under Regulation 63 of the Conservation of Habitats and Species Regulations 2017 (as amended).

Air Quality

Where there is no change to the existing background ammonia emissions and the proposal reduces the risk of pollution, we do not consider that the application needs to be supported by an atmospheric ammonia impact screening report in relation to protected sites. This is in line with our published advice which can be viewed on our website [Natural Resources Wales / Ammonia assessments](#).

We advise that the applicant follows the Code of Good Agricultural Practice guidance on reducing ammonia emissions from agriculture in Wales published in 2019 which can be found [here](#).

Protected Species

We note that the ecological report submitted in support of the above application (Marches Ecology, Preliminary Ecological Appraisal, 26th February 2024) has identified that

European Protected Species were not using the application site. We therefore have no further species concerns on the application as submitted.

Other Matters

Our comments above only relate specifically to matters included on our checklist, *Development Planning Advisory Service: Consultation Topics* (September 2018), which is published on our [website](#). We have not considered potential effects on other matters and do not rule out the potential for the proposed development to affect other interests.

We advise the applicant that, in addition to planning permission, it is their responsibility to ensure they secure all other permits/consents/licences relevant to their development. Please refer to our [website](#) for further details.

If you have any queries on the above, please do not hesitate to contact us.

Yours faithfully,

Gareth Thomas

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Croesewir gohebiaeth yn Gymraeg a byddwn yn ymateb yn Gymraeg, heb i hynny arwain at oedi./Correspondence in Welsh is welcomed, and we will respond in Welsh without it leading to a delay.