

05 August 2021

## ESIDB Comments on additional information/submissions received by D5

*A very large amount of additional information has been submitted at Deadline 5 by the Applicant, with only one week from publication to submission Deadline 6. Whilst East Suffolk Internal Drainage Board (ESIDB) has attempted to respond to as much as reasonably possible, due to the amount of information we have been unable to review a large proportion of the new documents. We reserve the right to comment further on updated documents at a later date.*

### **Appendix B: ACA Drainage Strategy Technical Note (DCO Task 4)**

While the Board appreciates the written confirmation that no upstream storage or infiltration was included in the calculations to determine required attenuation capacity the Board would like to see those calculations and the assumptions used in order to ascertain suitability/viability.

### **Appendix C: Sizewell Drain Water Management Control Structure (DCO Task 5)**

The Board supports the requirement of piped earth dam Tilting Weir at the confluence between the Sizewell and Leiston drains. The specification of the gate should include the provision of retrofitting remote automation and purpose-built eel climbing facility.

Within the wider catchment the use of the over flow weir example provides safe access and operation with fully integrated safety railing etc. Headwalls can be standalone and/or incorporated onto existing vehicle access crossing points where appropriate.

Due to safety concerns the Board would not however support the overflow sluice, dropboard sluice or Penstocks for a water control structure.



Jane Marson (Chairman) Michael Paul (Vice-Chairman)

Phil Camamile (Chief Executive)



Cert No. GB11990

Cert No. GB11991

#### **Appendix D: Main Development Site Water Management Zone Summary (DCO Task D2)**

The Board would like to see the calculations and assumptions used to decide attenuation capacity, as well as some indication of swale dimensions and the data/results behind all infiltration rate estimations to assess viability.

In connection with the above, it is currently unclear whether discharge to watercourses will occur only during certain events (e.g. 1/100 event) or as a constant, attenuated discharge, and how this has been input into the attenuation capacity modelling.

Depending on discharge locations proposed it may also be important to receive proposed invert levels of discharge points as surcharging could lead to higher attenuation requirements

The Board is aware that the applicant may be considering changes to the drainage design for WMZ5 and thus will withhold comment on that aspect for now.

#### **Appendix E: Temporary Marine Outfall Operation Summary (DCO Task D3)**

The Board requests clarification on inconsistencies between this document and the Main Development Site Water Management Zone Summary regarding which WMZ's will be utilising the TMO and CDO and how that relates to the "spine network".

The Board would like to clarify that in addition to EA consent mentioned in Section 2.3.3, consent will also be required from the Board to discharge surface water into the SSSI, and that the Board has at the point of writing received no documentation with any discharge locations into the Sizewell Drain, nor any drainage details for the MCA itself.

Finally, the Board would once again like to highlight the unspecified nature of the circumstances under which the TMO and CDO will be used.

#### **Appendix F: Sizewell Link Road Preliminary Drainage Design Note**

As the works and their likely impacts are outside of the Drainage District the Board defers to the Environment Agency and Suffolk County Council on this matter.

#### **Appendix G: Two Village Bypass Preliminary Drainage Design Note**

Multiple parts of the proposed works fall within the East Suffolk Internal Drainage District including works to two ordinary watercourses within the Alde floodplain. These works may require Land Drainage Consent from the Internal Drainage Board, as per Section 23 of the Land Drainage Act 1991.

#### **Appendix H: Yoxford Roundabout Updated Drainage Strategy**

As the works and their likely impacts are mostly outside of the Drainage District the Board defers to the Environment Agency and Suffolk County Council on this matter.