From: Sariquia Purchase

To: A303 Sparkford to Ilchester

Subject: RE: TR010036 - A303 Sparkford to Ilchester Dualling Project - Examining Authority"s Additional Written

Questions. RESPONSE DUE BY 3 MAY 2019

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20190430 TR010036 A303 Dualling Q3 Response.pdf

Dear Sir/Madam

Please find response from the Somerset Internal Drainage Board attached for your records

Regards Sariquia

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Date: 30 April 2019

National Infrastructure Planning The Planning Inspectorate Temple Quay House Temple Quay Bristol BS1 6PN

Dear Sir or Madam

TR010036 - A303 Sparkford to Ilchester Dualling Project - Examining Authority's Additional Written Questions

The Board response to the question asked for ExQ3 is below:

Question 3.8.1 Maintenance of Ponds

In the Final SoCG between the Applicant and the Somerset Drainage Board Consortium [REP5-018] there is a dispute about the necessary width of any maintenance strips to allow for a full de-silt of the pond with the Consortium arguing for a greater than 4m strip.

a) What greater width is considered necessary?

The Board is of the opinion that a minimum of 6m is required.

b) What are the practical implications of it only being 4 m wide?

For the full de-silt of the ponds a tracked excavator is required. These are usually of the type shown below (a 14 tonne excavator) due to the reach that is required:



To operate safely the machine needs to be a minimum of 1.5m back from the edge of a pond or watercourse to ensure that there is no impact on the bank and a bank slip could potentially cause the machine to over-turn into the pond.

Each Board is a statutory public body with responsibilities for flood protection, land drainage and the environment.

All are members of the Association of Drainage Authorities.

The machine width is around 2.5m wide and when the cab turns there is an overhang of 1m for the counterweight as can be seen below:



A safe working area of 1m should be left behind the counterweight. This adds up as:

1.5m offset from pond +

2.5m width of machine +

1m counterweight +

1m safety zone at rear +

This equals 6m

If the maintenance strip is only 4m wide a standard machine would not be able to safely operate and the task would be more complicated, more expensive and would be less likely to happen. This could mean a reduction in the volume of storage available in the pond which would increase flood risk.

Yours Sincerely

Simon Bunn Development Control Officer