

Work Package Brief Template

Project Title:	Mead Lane Mooring: River Bank Survey
Client Organisation:	Bath & North East Somerset Council
Date of Issue:	16/06/2020

Project Summary: Mead Lane mooring is a 300-metre mooring space in Saltford, the land is owned by Bath & North East Somerset Council and has in recent years become more popular with live-aboard boaters. Along this stretch of the river, Mead Lane is the only 14 day mooring opportunity and so serves an important stopping point for boaters with a continual cruising license. The boaters place high value on the mooring, due to this and its proximity to facilities such as water and pump outs.

Following a [Cabinet Decision](#) in January 2020 the site was temporarily closed to all mooring so that the stability of the bank could be assessed for future use. A structural survey of the river bank is now required before it can reopen to boaters.

Detailed Description of Commission:

Why is this survey required – the river bank survey is required to assess the suitability of Mead Lane for future mooring. This will help inform a longer term strategy for mooring provision along the River Avon and help resolve some long standing issues about the suitability and / or capacity of Mead Lane mooring.

Aim – To assess the Mead Lane mooring site and its suitability for future moorings.

Objectives –

- To assess if the current arrangement of temporary mooring is compromising the stability of the highway and associated infrastructure, including the sewage pipe and gas main.
- To assess whether Mead Lane is a suitable site for mooring boats without destabilising the river bank or causing damage to the natural environment or watercourse.
- To assess if any damage has been done to the river bank due to mooring, and what work would be needed to ameliorate this damage and at what cost.

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- To recommend what work would enable future moorings to be achieved without compromising the stability of the riverbank, or to recommend what work would deter mooring in the future.

Reporting and other deliverables:

1. A full visual assessment of the current state of the river bank, road and associated infrastructure, including any damage that has been done due to boats mooring. We envisage this could be achieved through a camera survey from the bank.
2. To provide recommendations on whether Mead Lane is a suitable site for mooring boats. Including:
 - Are there any recommendations with regards to mooring boats, such as number of boats, position along the site, tethering or length of stay?
 - What work would be required to shore up the bank to prevent any future damage?
 - If the bank is deemed unsuitable for mooring, what work could be undertaken to deter boats mooring there in the future and at what cost.
 - Are there any engineered solutions that could be added to the river bank that would help protect it, whilst making it accessible to boaters, for example, rise & fall pontoons or new mooring posts? How much would these solutions cost (indicative)?

Timescales/Project Milestones:

Survey and final report required by
September 2020