

TECHNICAL NOTE

Project Name:	West Brook, Emsworth	
Project Number:	1288	
Title:	Flood Storage Area Construction Method Statement	
Status / Issue Number:	Draft	
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1. Introduction

This Draft Construction Method Statement has been prepared to support the Flood Defence Consent application and whilst it provides general guidance the information contained herein is subject to change following the appointment of a Contractor.

2. Construction Flood Risk Management

During the excavation of the proposed Flood Storage Area (FSA), and the construction of the proposed Control Structure, the West Brook will remain in its present configuration and thus there is little if any flood risk associated with this construction stage from the West Brook.

It is proposed that a temporary cut-off drain is excavated to the west of the FSA to intercept any land drainage flows from the west during the initial construction stage.

On completion of the initial construction phase, and following Environment Agency approval, the downstream then upstream connections to the West Brook will be made and the FSA brought online after which the redundant West Brook channel will be temporarily dammed at both ends whilst it is regraded/backfilled as appropriate.

3. Pollution Prevention

Due to the nature of this project it is considered the most likely potential pollutants for this project are silt and concrete.

Silt

The proposed FSA excavation will generate a large volume of stockpiled material the runoff from which could potentially transport silt. Careful consideration will need to be given to the most appropriate method of preventing this silt from entering the West Brook. The excavation of a small lagoon adjacent to the stockpile may be necessary to settle solids alternatively, or in conjunction with, proprietary silt removal devices could be utilised.

A designated area will be identified for plant washing.

Concrete

No concrete and cement mixing is to take place within 10m of the West Brook.

Any spillages during the construction of the Control Structure to be collected and disposed of offsite.