

Peter Cleveland

From: Tom Callaway [REDACTED]
Sent: 08 November [REDACTED]
To: Peter Cleveland
Cc: [REDACTED]
Subject: RE: Brooks Nursery - Drainage Detail

Peter

Greenfield runoff rates calculated at 9.1 l/s
Proposed Hydrobrake limiting discharge to 9 l/s
Foul discharge for 40 units equals 1.85 l/s and needs to be accounted for with regards to storage.

As far as I can tell looking at this quickly, the lined pond has been designed for the surface water 1 in 100 year event +30%, and the storage afforded in the reed bed swale is designed to account for storing the baseflow of treated foul water?

As the two systems are linked before discharge to the watercourse, has the storage for treated foul water been considered for the calculation of the combined volumes of the pond and reed beds? The treated foul baseflow and 1 in 100 year event +30% should be contained while retaining the maximum of 9.1 l/s discharge.

In addition it would be preferable to have the French drain shingle surround at double the width – 600mm.

Regards

Tom Callaway
Coast & Land Drainage Officer
Health Protection and Environmental Management
Chichester District Council
[REDACTED]

From: Peter Cleveland [REDACTED]
Sent: 08 November 2013 15:36
To: Tom Callaway
Cc: [REDACTED]
Subject: Brooks Nursery - Drainage Detail

Hi Tom

Please could copy in James Dunn (cc'd above) from Barratts in your response regarding the drainage design for the above scheme.

Look forward to the hearing from

Kind regards
Peter

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