

Parry, James

From: Mohamed Gaafar <Mohamed.Gaafar@BuroHappold.com>
Sent: 13 November 2019 13:29
To: Alexander.Kalorkoti@folkestone-hythe.gov.uk
Cc: Michael Keverne; Lee Hargreaves; James Edwards; John Scandrett; 036362
Folkestone Development - Phase 1
Subject: Folkestone Plot B - Condition 27
Attachments: Buro Happold response.pdf; 036362-BHE-XX-XXX-DR-C-SW-DRAWINGS.pdf;
191113 Stage 4 SW MD Results.pdf

Hi Alexander,

I am writing to you to provide information with the aim of discharging condition 27 – relating to the SuDs on Folkestone (Y18/1346/FH).

I have attached our previous response for your convenience.

Stage 4 drawings were produced earlier this year, which have the level of detail you require and outlined in comment 1.

In response to comment 2, we have provided the MicroDrainage results to demonstrate the drainage system's operation.

There will be no exceedance above the 30-year event as can be seen in the MicroDrainage results and hence no exceedance plan has been provided in response to comment 3.

Some notes on the MicroDrainage Model:

The trench soakaway was modelled as 5 soakaways (equal in volume to the overall soakaway) attached to 5 manholes.

Two of these manholes are dummy manholes (denoted with a D-S).

All 5 soakaway manholes have an outfall attached, which is restricted to zero flow.

They are also connected by an offline control – pipe loops to mimic the perforated pipe that provides flow between the manholes.

I'm happy to answer any questions, so do not hesitate to get in touch regarding the MicroDrainage results.

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