From: planning@adur-worthing.gov.uk
Sent: 09 August 2021 11:12
To: planning@adur-worthing.gov.uk
Subject: Consultee Comments for Planning Application AWDM/1421/21

Flag Status: Flagged

Consultee comments

Dear Sir/Madam,

A consultee has commented on a Planning Application. A summary of the comments is provided below.

Comments were submitted at 09/08/2021 11:12 AM from Ms Laura Gibbons (laura.gibbons@adur-worthing.gov.uk) on behalf of Technical Services.

Application Summary

Reference:	AWDM/1421/21
Address:	The Joyful Whippet Steepdown Road Sompting West Sussex BN15 0LJ
Proposal:	Application for Approval of Details Reserved by Conditions 13 (Drainage) and 14 (SUDS maintenance) of previously approved AWDM/0998/19.
Case Officer:	Peter Barnett

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Comments Details

Comments:	Dear Peter, Thank you for the opportunity to comment upon this application. We have the following comments on condition 13 and 14: 1) Peak groundwater level was recorded at 1.25m bgl. We do not require 1m clearance between the base of infiltrating features and peak groundwater, but we do require that the base of structures is above peak groundwater level. 2) Infiltration testing has not been completed in accordance with our requirements. Testing must be completed in the winter, above peak ground water levels and in full accordance with BRE DG 365. This has not occurred, BRE 365 testing was completed in May, deeper than peak groundwater recordings, and three repeat tests have not been performed in each pit. The falling head tests are not supported as a methodology, and furthermore no repeat tests were completed. 3) The calculations fail to apply the appropriate factor of safety. 4) The calculations do not appear to cover all of the proposed features. Results from the 10 and 30 year return period events (now and in the future are required) 5) Catchment layout plans need to be provided showing the impermeable area draining to each infiltrating feature. 6) A drainage layout needs to be supplied in full accordance with our checklist. I.e. be detailed and include labelled pipe networks and labelled structures.

7) Construction detail drawings need to be supplied, in accordance with our checklist.
8) Results showing half drain time of each infiltrating feature must be provided. This is required to evidence compliance with policy requirement for structures to half drain in less than 24 hours for the 1 in 10 year plus 40% cc event as a minimum.
9) Details of how design achieves pollution hazard mitigation indices needs to be provided. E.g. details of pollution indices of sources of surface water, and hazard mitigation indices of proposed SuDS features should be supplied in accordance with C753 chapter 26.
10) A fully detailed maintenance manual is required.

We recommend refusal of this application.

Kind regards,

Laura Gibbons

Kind regards