



Katherine Parkin
Gravesham Borough Council
Civic Centre
Windmill Street
Gravesend
Kent
DA12 1AU

Flood and Water Management
Invicta House
Maidstone
Kent
ME14 1XX
Website: www.kent.gov.uk/flooding
Email: suds@kent.gov.uk
Tel: 03000 41 41 41
Our Ref: GBC/2023/095677
Date: 10 August 2023

Application No: 20230355

Location: Hevercourt Residential Home, Goodwood Crescent, Gravesend, Kent DA12 5EY

Proposal: Application for approval of condition 5, 6 and 7 attached to planning permission reference number 20211215 relating to a detailed sustainable surface water drainage scheme for the site (5), details and/or samples of all external facing materials (6) and a scheme detailing all plant, machinery, chimneys, ducting, filters or extraction vents to be used in connection with the use (7)

Thank you for your consultation on the above referenced planning application.

Kent County Council as Lead Local Flood Authority have reviewed the Pollution Prevention report prepared by VHHP-Consulting dated 18th July 2023, Hydraulic calculation dated March 2023 and the Soakaway design calculations dated 03/07/23 and have the following comments:

1. Whilst we appreciate the additional information provided, we note that the hydraulic calculations do not show the final full network analysis of the system, for example pipe numbers 1002 and 1003 do not appear in the calculations. Further to this we expect to see analysis provided for the 2 year rainfall event scenario and 30 year +35% climate change allowance rainfall event scenario.

With regards to the climate change allowances, in this location the allowance for the 2050s epoch is higher than that for the 2070s epoch for the 100 (1%) year storm scenario. We would expect that for a development that has a lifetime beyond 2061, the higher of the two allowances is to be used.

2. The Hydraulic calculation dated March 2023 and email dated 24th July 2023 from MKA highlights that there are flood incidents during the 100 year +40 %. We would ask for an exceedance plan to be provided along with a description of how this water will be dealt with on site
3. We appreciate the soakaway design calculations provided, however for completeness, we require to see the full infiltration test results to be provided to show the location and depth of testing undertaken.

We would request for a holding objection until further information is provided to respond to the comments above.

This response has been provided using the best knowledge and information submitted as part of the planning application at the time of responding and is reliant on the accuracy of that information.

Yours faithfully,

Emily Neale

Graduate Flood Risk Officer
Flood and Water Management