

17th November 2021

To whom this may concern,

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Technical comments for Outline Planning Conditions 18 and 19 relating to DMPA-2020-0985.

Condition 18:

We propose to discharge the surface water drainage to two different surface water bodies in three locations across the development.

The use of infiltration is not suitable within the ground conditions of the development which is confirmed in our ground investigation.

There were no springs encountered within the ground report or searches and therefore are not considered to be an issue.

Condition 19:

The drawing 20-001_04_100_01.1 rev A is included which shows the capacity of the attenuation features and shows the peak flows from the development.

We have reduced our flow rates from the possible greenfield run off rate shown in the FRA (which was shown as 2.9 litres per hectare, which equates to 24.94 litres per second due to the development area of 8.6 hectares) down to 2 litres per second at three discharge points therefore a total of 6 litres per second.

This is a substantial reduction from the greenfield rate in which the water volume will be retained in the suds storage systems whilst being discharged at the 6 litres per second total.

I trust this meets with your satisfaction and allows the conditions above to be discharged however please feel free to contact me if you would like to discuss any part of the above.

Yours faithfully



Marc Caine

Engineering Manager

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