

Hello Steven,

We have reviewed the comments made below and would respond as follows:-

It is proposed for surface water to discharge via a soakaway. It is proposed for foul water to discharge to a public foul sewer via a sewage treatment plant and drainage field.

- *Infiltration testing should be undertaken in the same location as the proposed infiltration feature. It is not acceptable to utilise the results from infiltration testing from a nearby site. **The infiltration testing carried out was during the winter months of last year. If we were to retest now, we would achieve better results, misleading for drainage design. We also spoke with Andrew Horrell on site and verbally agreed that we will use the test results from the neighbouring site. May I recommend we keep the same test results. Were this a larger combined site there would no practicable difference with the tests. We have applied the appropriate safety factor of 2.0 complying with the National SuDS Standards.***
- *Evidence should be proved that shows that the proposed sewage treatment plant and drainage field have sufficient offsets from buildings (both existing and proposed) and the site boundaries. **The soakaway and drainage field locations are acceptable with distances from the boundaries.***
- *Details should be provided to demonstrate that the foul drainage field and surface water soakaway are sufficiently separated so that the overall soakage capacity of the ground is not exceeded and the effectiveness of the foul drainage field is not impaired. **The recommended distance of 10m is impractical however, the industry rule is to prevent saturation and the ground offers good percolation (when tested in the winter months). Saturation is highly unlikely to occur given the good percolation and soakaway being sized to accept the 100 year event + CC + 10% urban creep areas.***
- *The Half drain time should be less than 24 hours. **The soakaway half drain time is indicated as less than 24 hours – see attached.***
- *It should be demonstrated that sufficient pollution mitigation has been provided for trafficked areas. **The trafficked areas are private driveways. The SuDS mitigation indices using the simple index approach are attached indicating compliance where the 300mm stone and geotextile has been laid for the driveway.***

I trust this helps and look forward to your engineers response.

PLEASE NOTE THE OFFICES OF SDA WILL BE CLOSED THROUGHOUT SEPTEMBER 2026 DUE TO ANNUAL LEAVE

Kind regards

Mr Simon Dent B Eng (Hons)
Senior Partner for



SIMON DENT ASSOCIATES

Consulting Engineers to the Civil and Water Industry

Consulting Engineers

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