

Water Services Planning Report

Register Reference No.: SD22A/0114 Clar AI
Development: Electric fast charging hub and drive-thru coffee building (24/7 opening hours). 8 electric fast charging spaces to the west side of the site; drive-thru coffee building (167sqm) will contain a beverage area, seating area and back of house area (storage, lobby, toilets); single storey building with a maximum ridge height of 6m and a minimum ridge height of 3.6m; 3 signs on the building; ancillary development of refuse compound, 4 free standing signs, 1 free standing height restrictor, 1 substation(28.75sqm 3.075m high), 31 car parking spaces, internal vehicular access, internal circulation road, paving, pedestrian entrance with steps, landscaping, boundary treatment and all associated site works including pumping station. 13 existing car park spaces will be removed to facilitate the proposed.

Location: Applegreen, Naas Road Service Station, Tootenhill, Rathcoole, Dublin, D24DH00

Report Date : 06th January 2023

Surface Water Report:

No Objection Subject To:

1.1 The proposed surface water attenuation system of 53m³ (44.6m³ + 7.7 m³) is undersized by 65% for a 1 in 100 year storm event.

Prior to commencement of development submit a revised drawing and report showing increased surface water attenuation by 65%.

Surface water attenuation should be provided by SuDS (Sustainable Drainage Systems). Only when SuDS is at maximum capacity should alternative attenuation systems be considered.

1.2 The applicant shall include SuDS (Sustainable urban Drainage Systems) features for the proposed development such as but not limited to the following:

- Green Roofs
- Permeable Paving
- Grasscrete
- Rain Gardens
- Planter boxes with overflow connection to the public surface water sewer.

Examples of SuDS can also be found in South Dublin County Council SuDS Guide at: [suds-evaluation-guide.pdf \(sdcc.ie\)](https://www.sdcc.ie/suds-evaluation-guide.pdf)

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Flood Risk

No Objection:

- The Developer shall ensure that there is complete separation of the foul and surface water drainage for the proposed development.
- All works for this development shall comply with the requirements of the Greater Dublin Regional Code of Practice for Drainage Works.

Water Report:

Referred to IW

Foul Drainage Report:

Referred to IW

Signed: _____
 Brian Harkin SEE

Date: _____

Endorsed: _____
 Juliene Helbert SE.

Date: _____