

# Water Services Planning Report

**Register Reference No.:** SD22A/0114  
**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 :** 18<sup>th</sup> May 2022

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## Surface Water Report:

## **Further Information Required:**

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

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

1.2 The Surface Water Attenuation calculations submitted are insufficient as they do not outline the total site area and the areas contributing to the attenuation system. The applicant must submit a revised report clearly showing how the required storage volume for the site was calculated including the site area, contributing areas, site specific SAAR value and im-permeability factors for the relevant contributing areas.

## **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.
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**Water Services Planning Report**

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**Water Report:**

**Referred to IW**

**Foul Drainage Report:**

**Referred to IW**

Signed: \_\_\_\_\_  
Padraig Slye GE.

Date: \_\_\_\_\_

Endorsed: \_\_\_\_\_  
Brian Harkin SEE.

Date: \_\_\_\_\_