

# Water Services Planning Report

**Register Reference No.:** SD22A/0455

**Development:** Demolish existing structures (total 98sq.m) and construct three detached, storey and a half dwelling houses and connect to public sewer, widening of the existing vehicular entrance and new gate together with all ancillary site works and services.

**Location:** Townland of Perrystown, (laneway of, Muckcross Avenue), Perrystown, Dublin 12

**Report Date:** 03-Feb-23

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## Surface Water Report:

## **Additional Information Required:**

1.1 If a soakaway is proposed submit a report showing site specific soil percolation test results and design calculations for the proposed soakaway in accordance with BRE Digest 365 – Soakaway Design.

Should a soakaway prove not to be feasible, then the applicant shall submit the following:

- Soil percolation test results demonstrating a soakaway is not feasible.

1.2 Surface water run-off from the site must be limited to pre-developed greenfield run off rates. The applicant is required to submit a report and a drawing clearly showing how surface water up to and including the 1:100 (1%) year critical storm with climate change allowance will be infiltrated on site to pre-developed greenfield run off rates in accordance with the Greater Dublin Strategic Drainage Study (GSDSDS) Volume 2- New Development requirements.

1.3 The applicant shall submit a drawing showing plan and cross-sectional views of proposed SuDS features for the proposed development such as but not limited to the following:

- Raingardens
- Planter boxes with overflow connection to the public surface water sewer
- Permeable paving
- Rainwater butts
- Other such SuDS

1.4 SuDS Explanatory, Design & Evaluation Guide is available on below link.  
[sdcc-sustainable-drainage-explanatory-design-and-evaluation-guide.pdf](#)

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## Flood Risk

**No Objection:**

- 2.1 The Developer shall ensure that there is complete separation of the foul and surface water drainage for the proposed development.
- 2.2 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: \_\_\_\_\_  
Zsolt Szombatfalvi EE

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

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

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