

Water Services Planning Report

Register Reference No.: SD22B/0353 AI

Development: Construction of a new two storey extension to the side of the existing dwelling which will incorporate a garage and office at ground floor level and two bedrooms at first floor level.

Location: 10, Griffeen Glen Crescent, Lucan, Co. Dublin

Report Date: 10-July-2023

Surface Water Report:

No Objection Subject to:

1.1 Surface water should be attenuated above ground, by means of Sustainable Urban Drainage Systems (SuDs). Above ground SuDs is the preferred option over soakaways. Consider using additional SuDs features instead of the proposed Soakaway. Examples of SuDS include but not limited to the following:

- Bioretention Rain Gardens,
- Planter boxes with overflow connection to the public surface water sewer,
- Filter drains
- Swales and Rills
- Permeable pavement and water butts.
- Green roofs
- Grasscrete

1.2 SuDS Explanatory, Design & Evaluation Guide is available on below website:

[Sustainable Drainage Systems - SDCC](#)

Householder guide available here at;

[sdcc-householders-guide-to-sustainable-drainage-suds-.pdf](#)

1.3 If additional SuDs features are to be used please provide drawing showing additional SuDs features in plan and cross sections.

1.4 If soakaways are to be used, please provide a drawing showing cross sections of the soakaway, and soakaway length. Please supply a report detailing site specific percolation test results. Please provide a report detailing calculations for the soakaway sizing. Any proposed soakaway shall be located fully within the curtilage of the property and shall be:

- i) At least 5m from any building, public sewer, road boundary or structure.
- ii) Generally, not within 3m of the boundary of the adjoining property.
- iii) Not in such a position that the ground below foundations is likely to be adversely affected.
- iv) 10m from any sewage treatment percolation area and from any watercourse / floodplain.

Water Services Planning Report

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.
 - All works to comply with Technical Guidance Document H – Drainage and Waste Water Disposal

Water Report:

Referred to IW

Foul Drainage Report:

Referred to IW

Signed: _____
Ger Staunton EE

Date: 10-07-22

Endorsed: _____
Brian Harkin SEE

Date: _____