

# Water Services Planning Report

**Register Reference No.:** SD22A/0445

**Development:** Erect a 24 meter high lattice telecommunications support structure together with antennae, dishes and associated telecommunications equipment, all enclosed in security fencing; The proposed development is located within the curtilage of a Protected Structure.

**Location:** Esker House, Esker Road, Esker, Co. Dublin

**Report Date :** 23-Jan-2023

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## Surface Water Report:

## **Further Information Required:**

1.1 South Dublin County Council records show that there is an existing 600mm public surface water sewer under the proposed development site. The applicant is required to submit a drawing in plan and cross-sectional views showing the distance between the proposed extensions and the existing 600mm surface water sewer. The drawings shall also show the invert levels of the existing 600 surface water sewer and any adjacent proposed building foundations. A minimum clear setback distance of 6m is required between all building foundations and a surface water sewer this size.

1.2 The proposed development site is in close proximity of River Griffin. The applicant shall submit a drawing in plan and cross-sectional views showing the distance between the proposed foundation and the top of the bank of river. The required setback from the top of the bank of any watercourse is 10m.

## Flood Risk

## **Additional Information Required:**

2.1 The proposed development site is located within Flood Zone A according to Strategic Flood Risk Assessment (commissioned by SDDC, 2022) SFRA maps. The applicant is required to submit a site-specific flood risk assessment report with the inclusion of a justification test in compliance with OPW Flood Risk Management Guidelines for Planning Authorities. The report shall outline details of the measures and design features to prevent/mitigate the risk of flooding to the proposed development and to adjoining lands. Finished floor levels shall be above the closest known 1 in 100 year river flood level data point with appropriate freeboard.

## Water Report:

**Referred to IW**

## Foul Drainage Report:

**Referred to IW**

Signed: \_\_\_\_\_  
Zsolt Szombatfalvi EE

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

**Water Services Planning Report**

Endorsed:

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Brian Harkin SEE

Date:

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