

# Water Services Planning Report

**Register Reference No.:** SD22A/0333

**Development:** Construction of 2 adjoined single storey data centres with associated office and service areas with an overall gross floor area of 15,274sq.m comprising of the construction of 2 adjoined single storey data centres with a gross floor area of 12,859sq.m that will include a single storey goods receiving area / store and single storey office area (2,415sq.m) with PV panels above, located to the east of the data centres as well as associated water tower, sprinkler tank, pump house and other services; The data centres will also include plant at roof level; with 24 standby diesel generators with associated flues (each 25m high) that will be located within a generator yard to the west of the data centres; New internal access road and security gates to serve the proposed development that will provide access to 36 new car parking spaces (including 4 electric and 2 disabled spaces) and sheltered bicycle parking to serve the new data centres; New attenuation ponds to the north of the proposed data centres; Green walls are proposed to the south and east that will enclose the water tower and pump house compound; The development will also include ancillary site works, connections to existing infrastructural services as well as fencing and signage; The development will include minor modifications to the permitted landscaping to the west of the site as granted under SDCC Planning Ref. SD19A/0042 / ABP Ref. PL06S.305948 and Ref. SD21A/0042; The site will remain enclosed by landscaping to all boundaries; The development will be accessed off the R120 via the permitted access granted under SDCC Planning Ref. SD19A/0042 / ABP Ref. PL06S.305948 and SD21A/0042; An Environmental Impact Assessment Report (EIAR) has been submitted with this application.

**Location:** Site within the townland of Ballymakailly, West of Newcastle Road (R120), Lucan, Co. Dublin

**Report Date :** 21<sup>st</sup> Sept 2022

## Surface Water Report:

## **No Objection Subject To:**

**1.1** The applicant is required to submit a drawing in plan and cross sectional views clearly showing additional Sustainable Drainage Systems (SuDS) features for the development. SuDS features could include but are not limited to:

- Swale
- Tree pits
- Permeable Paving

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- Grasscrete
- Green roofs
- Planter Boxes
- Other such SuDS

Instead of using oil interceptors use swales and /or reed bed type biodiversity SuDS to replace oil interceptors. Refer to SuDS Guide [sdcc-suds-explanatory-design-and-evaluation-guide.pdf](#)

1.2 Where practical replace pipe with Swales or other such SuDS systems.

## **Flood Risk**

## **Further Information Required**

Submit a CFRAM Flood Risk Drawing showing the location of proposed site on flood map. Outline the boundary of site with a red line on flood map.

- 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 Report:**

**Referred to IW**

## **Foul Drainage Report:**

**Referred to IW**

Signed: \_\_\_\_\_  
Adam Adderley-McCabe GE

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

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

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