

Water Services Planning Report

Register Reference No.: SD21A/0051

Development: The continuance of use of the existing 3 buildings and all associated external areas for storage and warehousing of motor vehicles, plant, machinery and other durable products for the sale by public auction, all associated ancillary uses including support staff and office facilities and all associated site and development works comprising hard and soft landscaping areas, roads and footpaths, car parking, boundary treatments/ fencing, signage and water services infrastructure. The development described above was previously permitted under Reg. Ref. SD18A/0126 and the duration of the permission was limited to two years by condition 9 of that permission. A Protected Structure - Former Gun Powder Store (RPS Ref. 205) - is located within the application site.

Location: Wilsons Auctions, Green Isle Road, Corkagh, Clondalkin, Dublin 22

Report Date : 06/04/2021

Surface Water Report:

Further Information Required:

- 1.1 Based on limited information provided the surface water attenuation provided of 255m³ for 1:30 year is estimated to be undersized by 255%.
The surface water attenuation of 407m³ provided for 1 in 100 year storm is estimated to be undersized by approximately 60%.
Submit a report showing Met Eireann rainfall data for the proposed site. Show what the SAAR (Standard Annual Average Rainfall being used is.
Submit a report showing updated surface water attenuation calculations. Show what surface water attenuation is provide and what surface water attenuation is required.
- 1.2 Submit a report showing what SuDS (Sustainable Drainage System) are proposed for the development. Show what the surface water attenuation capacity in m³ is for such SuDS. Examples of SuDS include, tree pits, green area detention basins, swales, green roofs, permeable paving rain gardens, channel rills and other such SuDS.
- 1.3 Submit a revised drawing showing what surface water attenuation is proposed for the development. Include SuDS in surface water attenuation provided. Show what the capacity is for each surface water attenuation system is for the site.
- 1.4 When showing surface water layout of development use the colour coding of the Greater Dublin Strategic Drainage Study for showing surface water network on drawing.

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Flood Risk

Further Information Required:

Submit a report to show what if any flood risk there is for proposed development.

- The Developer shall ensure that there is complete separation of the foul and surface water drainage for the proposed development.
 - Any new precast surface water manholes shall have a minimum thickness surround of 150mm Concrete Class B.
 - 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: _____
 Brian Harkin SEE.

Date: _____

Endorsed: _____
 Chris Galvin SE.

Date: _____